

Elsag NA price list updated 11-30-10
(FPH-900c *new lowered price)

ACC-00C000B	Fixed Backdrop Framed tinted acrylic 4' x 7.5' backdrop	Brijot Imaging Systems	ACC-00C000B		Each	\$2,500	2%	\$2,450
WDS-SVS	Extended Service & Support - Per Year / Per GEN 2 System Includes: Annual extended hardware warranty & software upgrades for WDS1603-G2-B Repair on-site or at Brijot facility (determined by Brijot) Customer telephone support (9 am to 5 pm EST) All travel expenses are additional and at actual cost RMA required for all hardware warranty returns - Brijot responsible for freight costs to repair facility, customer responsible for return freight costs.	Brijot Imaging Systems	WDS-SVS		Each	\$6,000	2%	\$5,880
TRG202EN	On-Site Support - Per Man / Per Day All travel expenses are additional and at actual cost	ELSAG, North America	TRG202EN		Day	\$2,500	10%	\$2,250
EngSupLev1	On-Site Support - Per Man / Per Day Level I Engineer All travel expenses are additional and at actual cost	ELSAG, North America	EngSupLev1		Day	\$2,000	14%	\$1,720
EngSupLev2	On-Site Support - Per Man / Per Day Level 2 Engineer All travel expenses are additional and at actual cost	ELSAG, North America	EngSupLev2		Day	\$1,500	10%	\$1,350
MPH-900X1	Mobile License Plate Reader - Includes LPR Processor, 2 cameras (1 color and 1 infrared LPR in one enclosure), cables and related software.	ELSAG	MPH-900X1	License Plate Readers	Each	\$ 15,800.00	21.77%	\$12,360.00

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MPH-900X2	Mobile License Plate Reader - Includes LPR Processor, 4 cameras (2 color and 2 infrared LPR in two enclosures), cables and related software.	ELSAG	MPH-900X2	License Plate Readers	Each	\$ 23,100.00	35.06%	\$15,000.00
MPH-900X3	Mobile License Plate Reader - Includes LPR Processor, 6 cameras (3 color and 3 infrared LPR in three enclosures), cables and related software.	ELSAG	MPH-900X3	License Plate Readers	Each	\$ 25,600.00	29.49%	\$18,050.00
DCT-1000	Deployable Check Point System single axle with LPR/Vehicle/Recording System	ELSAG	DCT-1000	License Plate Readers	Each	\$ 85,000.00	5.94%	\$79,950.00
DCT-1001	Deployable Check Point System dual axle with LPR/Vehicle/Recording System	ELSAG	DCT-1000	License Plate Readers	Each	\$ 145,000.00	15.73%	\$122,196.00
FCU-900	Field Control Unit-Pole Mountable-includes ruggedized PC (1.6ghz/512mbram), 12vdc powersupply(up to 8 cameras), surge suppression, environmental controls.	ELSAG	FCU-900	License Plate Readers	1 Complete 2 camera unit	\$ 6,500.00	6.00%	\$6,110.00
FCU-900 MINI	Field Control Unit-Pole Mountable-includes 12vdc powersupply(up to 8 cameras), surge suppression, environmental controls.	ELSAG	FCU-900 mini	License Plate Readers	1 Complete 2 camera unit	\$ 3,500.00	21.43%	\$2,750.00
MPH-DLX	In car computer or laptop specification as required by customer	Datalux	Tracer	In Car PC	1 complete workstation	\$ 5,203.00	4.00%	\$4,995.00
MPH-900X Kit	Charge for permanant installation or transportable	ELSAG	MPH-900X	License Plate Readers	Each	\$ 1,500.00	10.00%	\$1,350.00
LPT-900S2	Covert MPH-900 including MPH900S and Enclosure	ELSAG	LPT-900S	License Plate Readers	1 Complete 2 camera unit with enclosure	\$ 25,600.00	17.19%	\$21,200.00
LPT-900S3	Covert MPH-900 including MPH900S and Enclosure	ELSAG	LPT-900S	License Plate Readers	1 Complete 3 camera unit with enclosure	\$ 27,675.00	10.55%	\$24,755.00
ENG SUP	ELSAG Engineering Support	ELSAG	ENG SUP	License Plate Readers	1 Day	\$ 1,500.00	16.67%	\$1,250.00
MPH-900OPC	Central Operations Center for coordinated management and reporting of LPR Activity	ELSAG	MPH-900OPC	License Plate Readers	1 each coordinated IP address (MPH-900, XPH-8700, FPH-900 on the managed network)	\$ 1,200.00	18.75%	\$975.00

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XPB-8700	Covert, transportable wireless FPH-900 camera system	ELSAG	XPB-8700	License Plate Readers	1 complete camera with wireless hardware and enclosure	\$ 18,000.00	28.06%	\$12,950.00
MPH-900Air	Helicopter based avionics package for Airborne License Plate Reading	ELSAG	MPH-900Air	License Plate Readers	Stabilized High Definition camera platform, image processing and recording and LPR system	\$ 500,000.00	4.00%	\$480,000.00
MPH-900CarCable	Replacement Cable set for MPH-900, 15' power, Shielded ethernet.	ELSAG	MPH-900CarCable	License Plate Readers	1 power cord 15', 1 shielded ethernet cord 15'	\$ 95.00	13.00%	\$82.65
MPH-900CamCable	Replacement Cable set for MPH-900, Camera Cable set	ELSAG	MPH-900CamCable	License Plate Readers	1 set of camera cables, specify 2 independent or 1 harness.	\$ 564.00	12.97%	\$490.85
MPH-900XCarCable	Replacement Cable set for MPH-900X, 15' power, Shielded ethernet.	ELSAG	MPH-900CarCable	License Plate Readers	1 power cord 15', 1 shielded ethernet cord 15'	\$ 152.25	10.02%	\$137.00
MPH-900XCamCable	Replacement Cable set for MPH-900X, Camera Cable set	ELSAG	MPH-900CamCable	License Plate Readers	1 set of camera cables, specify 2 independent or 1 harness.	\$ 299.00	10.03%	\$269.00
WiFi Upfit	Hardware and Field installation of WiFi hardware into an installed MPH-900	ELSAG	WiFi Upfit	License Plate Readers	1 Card installed	\$ 645.00	11.00%	\$574.05
FPH-900C	Color Fixed Camera	ELSAG	FPH-900C	License Plate Readers	1 Camera Enclosure containing a standard Infrared LPR camera and a color overlay camera			\$8950 * new lowered price as of 11-30-10
MPH EXT WARR	Extended Warranty and support service	ELSAG	MPH-900	License Plate Readers	Each	\$ 1,882.25	15.00%	\$1,600.00

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FCU EXT WARR	Extended Warranty and support service	ELSAG	MPH-900	License Plate Readers	Each	\$ 706.00	15.01%	\$600.00
FPH EXT WARR	Extended Warranty and support service	ELSAG	MPH-900	License Plate Readers	Each	\$ 1,053.00	15.00%	\$895.00
OPC EXT WARR	Support and software updates for Operation Center License	ELSAG	MPH-900	License Plate Readers	Each	\$ 117.65	15.00%	\$100.00
MPH Gold Basic	Available for customers who deem mobile licenses plate readers as 'mission critical' and require 'always up' service which includes non-warranty services including deinstalls and reinstalls as well as field repair service. Consumable parts such as cables and ethernet nic cards are not included. Price is for mobile units inclusive of hardware and software on an annual basis.	ELSAG	MPH GOLD	License Plate Readers	Each	\$ 1,200.00	10.00%	\$1,080.00
MPH Gold Mobile	Available for customers who deem fixed licenses plate readers as 'mission critical' and require 'always up' service which includes non-warranty services including deinstalls and reinstalls as well as field repair service. Consumable parts such as cables and ethernet nic cards are included. Price is for fixed units inclusive of hardware and software on an annual basis. In addition to and above standard warranty.	ELSAG	MPH Gold Mobile	License Plate Readers	Each	\$ 2,910.00	10.00%	\$2,619.00
MPH Gold Fixed	Available for customers who deem field control units 'mission critical' and require 'always up' service which includes non-warranty services including deinstalls and reinstalls as well as field repair service. Consumable parts such as cables and ethernet nic cards are included. In addition to and above standard warranty.	ELSAG	MPH Gold Fixed	License Plate Readers	Each	\$ 1,635.00	10.00%	\$1,471.50
MPH Gold Fixed FCU	Available for customers who deem mobile licenses plate readers as 'mission critical' and require 'always up' service which includes non-warranty services including deinstalls and reinstalls as well as field repair service. Consumable parts such as cables and ethernet nic cards are included. Price is for mobile units inclusive of hardware and software on an annual basis.	ELSAG	MPH Gold Fixed FCU	License Plate Readers	Each	\$ 1,250.00	10.00%	\$1,125.00
9106-03C	Model MTC-212 Mobile Tactical Computer Includes 12.1" high-brite (1000 nit) LCD, 1.6 GHz Pentium-M CPU, 60 Gb HD, 512 Mb DDR RAM, waterproof backlit 88-key keyboard w/mouse pointer, front panel volume and LCD brightness controls, fully integrated CPU/LCD, 3-USB 2.0, 2-COM, 2-Ethernet, 1-1394 F	OEM Micro	MTC-212	In Car PC	Each	\$ 5,600.00	11.00%	\$4,984.00

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9105-00C	Model MTC-215 Mobile Tactical Computer Includes 15.0" high-brite (800 nit) LCD, 1.6 GHz Pentium-M CPU, 60 Gb HD, 512 Mb DDR RAM, waterproof backlit 88-key keyboard w/mouse pointer, front panel volume and LCD brightness controls, fully integrated CPU/LCD, 3-USB 2.0, 2-COM, 2-Ethernet, 1-1394 F	OEM Micro	MTC-215	In Car PC	Each	\$ 5,601.00	11.00%	\$4,984.89
155205-02	Upgrade to Full-Stroke Tactile Keyboard with touchpad, PS2 Interface	OEM Micro	155205-02	In Car PC Upgrades	Each	\$ 167.37	5.00%	\$159.00
52513	Upgrade to Full-Stroke Tactile Keyboard with touchpad, USB Interface	OEM Micro	52513	In Car PC Upgrades	Each	\$ 167.37	5.00%	\$159.00
155206-00	MTC 12" Docking Mount Provides single connector, latching install and removal. Provides (3) USB, (1) COM, (1) Parallel, power, keyboard, and antenna. Must be ordered at same time as MTCs. Attaches to dash mount brackets, not included.	OEM Micro	155206-00	In Car PC Upgrades	Each	\$ 625.00	4.00%	\$600.00
050902-ST	Mag Card Reader, USB interface, three tracks, LED and audible read confirmation, inputs DL number or credit card (ST = state)	OEM Micro	050902-ST	In Car PC Upgrades	Each	\$ 139.00	7.00%	\$129.27
2001	Upgrade RAM from 512 Mb to 1 Gb DDR	OEM Micro	2001	In Car PC Upgrades	Each	\$ 139.00	10.00%	\$125.10
2003	Anti-reflective Touchscreen Film - reduces reflectivity to 1.5%, enhances contrast, protects touchscreen surface	OEM Micro	2003	In Car PC Upgrades	Each	\$ 59.00	17.00%	\$48.97
2005	Upgrade HD from 60 Gb to 80 Gb	OEM Micro	2005	In Car PC Upgrades	Each	\$ 99.00	9.00%	\$90.09
2006	Upgrade HD from 60 Gb to 100 Gb	OEM Micro	2006	In Car PC Upgrades	Each	\$ 129.00	7.00%	\$119.97
51419	External, portable CD/DVD Burner, USB interface	OEM Micro	51419	In Car PC Upgrades	Each	\$ 249.00	10.00%	\$224.10
155705-00	Mobile UPS - Provides 45 min. back-up power if vehicle battery goes too low. Connects btw battery lead and MTC power lead.	OEM Micro	155705-00	In Car PC Upgrades	Each	\$ 189.00	5.00%	\$179.55
152005-02	G/J - 9" Pole base with Quick-adjust Upper Pole, 12" offset arm, Lazy Susan (order tunnel plate separately)	OEM Micro	152005-02	IN CAR PC MOUNTING HW	Each	\$ 269.00	7.00%	\$250.17

<p align="center">Lenexa Police Department DIRECTIVE</p>	<p>Date of Issue 01-01-2012</p>	<p>Effective Date 01-01-2012</p>	<p>Number 4.9(C)</p>
<p>SUBJECT: Mobile Data Computers</p>			
<p>Amends:</p>			
<p>Rescinds: All Previous Additions</p>			
<p>Refers to:</p>			
<p>Reviewed: December, 2011</p>			
<p>Authority: Chief Ellen T. Hanson</p>			

I. PURPOSE:

It is the purpose of this policy to provide officers with guidelines on the proper use of department owned computers, such as laptops, cellular telephones, and the like, and related electronic messaging systems associated with Department owned computers utilized by this agency for the purpose of disseminating Criminal History Records Information; both internal and external, and electronic mail or messaging.

II. POLICY:

The availability of and the use of the department owned computers within the work environment have provided many opportunities for enhancements of productivity and effectiveness. These technologies also provide for the opportunity for transfer and distribution of sensitive information that could prove damaging to this agency, its members the citizens, and others associated with the sensitive information if not managed properly. Therefore, it shall be the policy of this agency that all members abide by the guidelines contained herein concerning the use of mobile data computers, department owned computers, other electronic messaging devices and the sensitive information that can be obtained through them.

III. PROCEDURES – GENERAL

- A. Transmission of electronic messages and information on communications media provided for employees of this agency shall be treated with the same degree of propriety, professionalism, and confidentiality as official written correspondence.

- B. This agency encourages authorized and trained personnel with access to mobile data computers, department owned computers and other electronic messaging devices, to utilize these devices and applications whenever necessary. However, use of any of these devices is a privilege that is subject to revocation.
- C. Mobile data computers, department owned computers, department owned electronic messaging devices and their contents are the property of this agency and intended for use in conducting official business with limited exceptions noted elsewhere in this policy.
- D. Members are advised that they do not maintain any right to privacy on mobile data computer, department owned computers, department issued electronic messaging devices or its contents. This would include any software found on the device.
 - 1. This agency reserves the right to access any information contained on the mobile data computers, department owned computers, department owned electronic messaging devices and may require members to provide password to files that have been encrypted or password protected.
 - 2. This agency reserves the right to access, for business needs, quality control purposes and /or for violations of this policy, any electronic transmission of its members conducting the business of this agency.
- E. Intentionally obtaining or transmitting materials, other than that required for police business, that involves the use of obscene language, images, jokes, sexually explicit materials, or messages that disparage any person, group, or classification of individuals is prohibited.
- F. Confidential, proprietary, or sensitive information may be disseminated only to individuals with a need and a right to know and when there is sufficient assurance that appropriate security of such information will be maintained. Such information includes but is not limited to the following:
 - 1. Criminal history information and identification files, or related information.
 - 2. Intelligence files and information containing sensitive tactical information.
 - 3. Mug shots or other identifying photographic materials.
 - 4. License Plate Reader (LPR) data and associated files.
- G. No member shall access or allow others to access any file or database unless that person has a need and a right to such information.

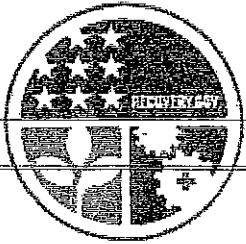
Additionally, personal identification and access codes shall not be revealed to any unauthorized source. (City policy AD-6B-5D3)

- H. Mobile data computers and department owned computers are designed and intended to conduct the business of this agency only, and are restricted to that purpose. Installation of or access to software for purely entertainment purposes is prohibited, as supported by other city policies and procedures. (City Policy PR-2-E-13-C)
- I. Members shall not download or install software on their mobile data computer or department owned computers including sound and video files and files attached to e-mail messages, any software or other material from the internet or other external sources without taking prescribed steps to preclude infection by computer viruses. (City policy AD-6B-5D2)
- J. Data security requires that mobile data computers, department owned computers and software must be protected from theft, damage, destruction, misuse, and tampering. The physical equipment and information contained within must be protected from unauthorized or accidental modification, access, or disclosure. (City policy AD-6B-5D1)
- K. Members shall observe the copyright and licensing restrictions of all software applications and shall not copy software unless authorized to do so. (City policy AD-6B-5A1a)
- L. All non-standard software found on mobile data computers will be removed. (City policy AD-6B-5A1c)
- M. Any hardware enhancements or additions to agency owned equipment must be approved and authorized by the Chief of Police or their designee. The Chief of Police or their designee is responsible for determining proper installation procedures.
- N. Members shall not permit unauthorized persons to use the agency's owned equipment.
- O. The mobile data terminal has access to the agency's computer systems, electronic mail system and other sensitive information. In order to avoid a breach of security, members shall secure the police vehicle and close the mobile data terminal when the vehicle is left unattended, unless prohibited by emergency.
- P. This policy does not preclude any policies not mentioned herein that may concern the use of mobile data computers, any agency or city

owned software, or any other electronic messaging systems that may be referred to in other policies.

IV. Mobile Data Computers and Safe Vehicle Operation

- A. The use of the mobile data computer while the police vehicle is in motion creates a potential risk to the officer because of the change of focus from driving to operating a mobile data computer.
- B. The police department recognizes that discretion must be used by employees when viewing or entering information into the mobile data computer while driving. When doing so, employees are not absolved of their responsibilities as it relates to the safe operation of their department vehicles.
- C. If there is a compromise of safety in a particular situation related to the use of the mobile data computer, the officer is expected to use the radio.



**Edward Byrne Memorial Justice
Assistance Grant (JAG)**



Department of Justice
Office of Justice Programs

Bureau of Justice Assistance

Office of Justice Programs

Washington, D.C. 20531

September 14, 2009

Sheriff Frank Denning
Johnson County
111 S. Cherry Street
Olathe, KS 66061-3443

Dear Sheriff Denning:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program Local Solicitation in the amount of \$920,495 for Johnson County.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

If you have questions regarding this award, please contact:

- Program Questions, Linda B. Hill-Franklin, Program Manager at (202) 514-0712; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@nsdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

James H. Burch II
Acting Director

Enclosures



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
SHEET
Grant

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PROJECT NUMBER 2009-SB-B9-2353

AWARD DATE 09/14/2009

SPECIAL CONDITIONS

28. RECOVERY ACT -- Wage Rate Requirements under Section 1606 of the Recovery Act
(a) Section 1606 of the Recovery Act requires that all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to the Recovery Act shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code.
- Pursuant to Reorganization Plan No. 14 and the Copeland Act, 40 U.S.C. 3145, the Department of Labor has issued regulations at 29 CFR Parts 1, 3, and 5 to implement the Davis-Bacon and related Acts. Regulations in 29 CFR 5.5 instruct agencies concerning application of the standard Davis-Bacon contract clauses set forth in that section. The standard Davis-Bacon contract clauses found in 29 CFR 5.5(a) are to be incorporated in any covered contracts made under this award that are in excess of \$2,000 for construction, alteration or repair (including painting and decorating).
- (b) For additional guidance on the wage rate requirements of section 1606, contact your awarding agency. Recipients of grants, cooperative agreements and loans should direct their initial inquiries concerning the application of Davis-Bacon requirements to a particular federally assisted project to the Federal agency funding the project. The Secretary of Labor retains final coverage authority under Reorganization Plan Number 14.
29. RECOVERY ACT -- NEPA and Related Laws
The recipient understands that all OJP awards are subject to the National Environmental Policy Act (NEPA, 42 U.S.C. section 4321 et seq.) and other related Federal laws (including the National Historic Preservation Act), if applicable. The recipient agrees to assist OJP in carrying out its responsibilities under NEPA and related laws, if the recipient plans to use Recovery Act funds (directly or through subaward or contract) to undertake any activity that triggers these requirements, such as renovation or construction. (See 28 C.F.R. Part 61, App. D.) The recipient also agrees to comply with all Federal, State, and local environmental laws and regulations applicable to the development and implementation of the activities to be funded under this award.
30. RECOVERY ACT -- Misuse of award funds
~~The recipient understands and agrees that misuse of award funds may result in a range of penalties, including suspension of current and future funds, suspension or debarment from federal grants, recoupment of monies provided under an award, and civil and/or criminal penalties.~~
31. RECOVERY ACT -- Additional Requirements and Guidance
The recipient agrees to comply with any modifications or additional requirements that may be imposed by law and future OJP (including government-wide) guidance and clarifications of Recovery Act requirements.
32. RECOVERY ACT - JAG - Delinquent section 1512(c) reports
The recipient acknowledges that it has certified that it will comply with all reporting requirements under section 1512(c) of the Recovery Act. (An online reporting mechanism is anticipated to be available for award recipient use by October 10, 2009.) Further to this certification, a failure to comply with the section 1512(c) reporting requirements may, in addition to other penalties, subject the recipient to the following:
(1) After failure to report section 1512(c) data for two consecutive reporting periods, the recipient may be-- (a) precluded from drawing down funds under any OJP award, and/or (b) deemed ineligible for future discretionary OJP awards, until such time as the recipient becomes current in its section 1512(c) reporting obligations; and
(2) After failure to report section 1512(c) data for three consecutive reporting periods, the recipient, upon written demand of the Director of BJA, shall return to OJP any unexpended award funds (including any unexpended interest earned on award funds) within 15 calendar days of the date of the demand notice. Thereafter, the recipient's award shall be converted to a cost-reimbursable grant until such time as the recipient becomes current in its section 1512(c) reporting obligations, and remains current for not less than two additional consecutive reporting periods.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Washington, D.C. 20531

Memorandum To: Official Grant File

From: Maria A. Berry, NEPA Coordinator

Subject: Incorporates NEPA Compliance in Further Developmental Stages for Johnson County

The Recovery Act emphasizes the importance of compliance with the National Environmental Policy Act (NEPA) in the use of public funds. The Recovery Act - Edward Byrne Memorial Justice Assistance Grant Program (JAG) allows states and local governments to support a broad range of activities to prevent and control crime and to improve the criminal justice system, some of which could have environmental impacts. All recipients of JAG funding must assist BJA in complying with NEPA and other related federal environmental impact analyses requirements in the use of grant funds, whether the funds are used directly by the grantee or by a subgrantee or third party. Accordingly, prior to obligating funds for any of the specified activities, the grantee must first determine if any of the specified activities will be funded by the grant.

The specified activities requiring environmental analysis are:

- a. New construction;
- b. Any renovation or remodeling of a property located in an environmentally or historically sensitive area, ~~including properties located within a 100-year flood plain, a wetland, or habitat for endangered species,~~ or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

Complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. Further, for programs relating to methamphetamine laboratory operations, the preparation of a detailed Mitigation Plan will be required. For more information about Mitigation Plan requirements,



Department of Justice
Office of Justice Programs
Office for Civil Rights

Washington, D.C. 20531

September 14, 2009

Sheriff Frank Denning
Johnson County
111 S. Cherry Street
Olathe, KS 66061-3443

Dear Sheriff Denning:

Congratulations on your recent award. In establishing financial assistance programs, Congress linked the receipt of Federal funding to compliance with Federal civil rights laws. The Office for Civil Rights (OCR), Office of Justice Programs (OJP), U.S. Department of Justice is responsible for ensuring that recipients of financial aid from OJP, its component offices and bureaus, the Office on Violence Against Women (OVW), and the Office of Community Oriented Policing Services (COPS) comply with applicable Federal civil rights statutes and regulations. We at OCR are available to help you and your organization meet the civil rights requirements that come with Justice Department funding.

Ensuring Access to Federally Assisted Programs

As you know, Federal laws prohibit recipients of financial assistance from discriminating on the basis of race, color, national origin, religion, sex, or disability in funded programs or activities, not only in respect to employment practices but also in the delivery of services or benefits. Federal law also prohibits funded programs or activities from discriminating on the basis of age in the delivery of services or benefits.

Providing Services to Limited English Proficiency (LEP) Individuals

In accordance with Department of Justice Guidance pertaining to Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d, recipients of Federal financial assistance must take reasonable steps to provide meaningful access to their programs and activities for persons with limited English proficiency (LEP). For more information on the civil rights responsibilities that recipients have in providing language services to LEP individuals, please see the website at <http://www.lep.gov>.

Ensuring Equal Treatment for Faith-Based Organizations

The Department of Justice has published a regulation specifically pertaining to the funding of faith-based organizations. In general, the regulation, Participation in Justice Department Programs by Religious Organizations; Providing for Equal Treatment of all Justice Department Program Participants, and known as the Equal Treatment Regulation 28 C.F.R. part 38, requires State Administering Agencies to treat these organizations the same as any other applicant or recipient. The regulation prohibits State Administering Agencies from making award or grant administration decisions on the basis of an organization's religious character or affiliation, religious name, or the religious composition of its board of directors.

The regulation also prohibits faith-based organizations from using financial assistance from the Department of Justice to fund inherently religious activities. While faith-based organizations can engage in non-funded inherently religious activities, they must be held separately from the Department of Justice funded program, and customers or beneficiaries cannot be compelled to participate in them. The Equal Treatment Regulation also makes clear that organizations participating in programs funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. For more information on the regulation, please see OCR's website at <http://www.ojp.usdoj.gov/ocr/etfbo.htm>.

State Administering Agencies and faith-based organizations should also note that the Safe Streets Act, as amended; the Victims of Crime Act, as amended; and the Juvenile Justice and Delinquency Prevention Act, as amended, contain prohibitions against discrimination on the basis of religion in employment. Despite these nondiscrimination provisions, the Justice Department has concluded that the Religious Freedom Restoration Act (RFRA) is reasonably construed, on a case-by-case basis, to require that its funding agencies permit faith-based organizations applying for funding under the applicable program statutes both to receive DOJ funds and to continue considering religion when hiring staff, even if the statute that authorizes the funding program generally forbids considering of religion in employment decisions by grantees.

Questions about the regulation or the application of RFRA to the statutes that prohibit discrimination in employment may be directed to this Office.

Enforcing Civil Rights Laws

All recipients of Federal financial assistance, regardless of the particular funding source, the amount of the grant award, or the number of employees in the workforce, are subject to the prohibitions against unlawful discrimination. Accordingly, OCR investigates recipients that are the subject of discrimination complaints from both individuals and groups. In addition, based on regulatory criteria, OCR selects a number of recipients each year for compliance reviews, audits that require recipients to submit data showing that they are providing services equitably to all segments of their service population and that their employment practices meet equal employment opportunity standards.

Complying with the Safe Streets Act or Program Requirements

In addition to these general prohibitions, an organization which is a recipient of financial assistance subject to the nondiscrimination provisions of the Omnibus Crime Control and Safe Streets Act (Safe Streets Act) of 1968, 42 U.S.C. § 3789d(c), or other Federal grant program requirements, must meet two additional requirements: (1) complying with Federal regulations pertaining to the development of an Equal Employment Opportunity Plan (EEOP), 28 C.F.R. § 42.301-.308, and (2) submitting to OCR Findings of Discrimination (see 28 C.F.R. §§ 42.205(5) or 31.202(5)).

1) Meeting the EEOP Requirement

In accordance with Federal regulations, Assurance No. 6 in the Standard Assurances, COPS Assurance No. 8.B, or certain Federal grant program requirements, your organization must comply with the following EEOP reporting requirements:

If your organization has received an award for \$500,000 or more and has 50 or more employees (counting both full- and part-time employees but excluding political appointees), then it has to prepare an EEOP and submit it to OCR for review **within 60 days from the date of this letter**. For assistance in developing an EEOP, please consult OCR's website at <http://www.ojp.usdoj.gov/ocr/eeop.htm>. You may also request technical assistance from an EEOP specialist at OCR by dialing (202) 616-3208.

If your organization received an award between \$25,000 and \$500,000 and has 50 or more employees, your organization still has to prepare an EEOP, but it does not have to submit the EEOP to OCR for review. Instead, your organization has to maintain the EEOP on file and make it available for review on request. In addition, your organization has to complete Section B of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eeop.htm>.

If your organization received an award for less than \$25,000; or if your organization has less than 50 employees, regardless of the amount of the award; or if your organization is a medical institution, educational institution, nonprofit organization or Indian tribe, then your organization is exempt from the EEOP requirement. However, your organization must complete Section A of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eeop.htm>.

2) Submitting Findings of Discrimination

~~In the event a Federal or State court or Federal or State administrative agency makes an adverse finding of discrimination against your organization after a due process hearing, on the ground of race, color, religion, national origin, or sex, your organization must submit a copy of the finding to OCR for review.~~

Ensuring the Compliance of Subrecipients

If your organization makes subawards to other agencies, you are responsible for assuring that subrecipients also comply with all of the applicable Federal civil rights laws, including the requirements pertaining to developing and submitting an EEOP, reporting Findings of Discrimination, and providing language services to LEP persons. State agencies that make subawards must have in place standard grant assurances and review procedures to demonstrate that they are effectively monitoring the civil rights compliance of subrecipients.

If we can assist you in any way in fulfilling your civil rights responsibilities as a recipient of Federal funding, please call OCR at (202) 307-0690 or visit our website at <http://www.ojp.usdoj.gov/ocr/>.

Sincerely,



Michael L. Alston
Director

cc: Grant Manager
Financial Analyst



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

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1. RECIPIENT NAME AND ADDRESS (Including Zip Code) Johnson County 111 S. Cherry Street Olathe, KS 66061-3443		4. AWARD NUMBER: 2009-SB-B9-2353	
		5. PROJECT PERIOD: FROM 03/01/2009 TO 02/28/2013 BUDGET PERIOD: FROM 03/01/2009 TO 02/28/2013	
		6. AWARD DATE 09/14/2009	7. ACTION
1A. GRANTEE IRS/VENDOR NO. 486034760	8. SUPPLEMENT NUMBER 00		Initial
		9. PREVIOUS AWARD AMOUNT \$ 0	
3. PROJECT TITLE FY 2009 Recovery Act JAG Program		10. AMOUNT OF THIS AWARD \$ 920,495	
		11. TOTAL AWARD \$ 920,495	
12. SPECIAL CONDITIONS THE ABOVE GRANT PROJECT IS APPROVED SUBJECT TO SUCH CONDITIONS OR LIMITATIONS AS ARE SET FORTH ON THE ATTACHED PAGE(S).			
13. STATUTORY AUTHORITY FOR GRANT This project is supported under FY09 Recovery Act (BJA-Byrne JAG) Pub. L. No. 111-5, 42 USC 3750-3758			
15. METHOD OF PAYMENT PAPRS			
AGENCY APPROVAL		GRANTEE ACCEPTANCE	
16. TYPED NAME AND TITLE OF APPROVING OFFICIAL James H. Burch II Acting Director		18. TYPED NAME AND TITLE OF AUTHORIZED GRANTEE OFFICIAL Frank Denning Sheriff	
17. SIGNATURE OF APPROVING OFFICIAL 		19. SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL	19A. DATE
AGENCY USE ONLY			
20. ACCOUNTING CLASSIFICATION CODES FISCAL FUND BUD. DIV. YEAR CODE ACT. OFC. REG. SUB. POMS AMOUNT 9 B SB 80 00 00 920495		21. ISBUGT5428	

OJP FORM 4000/2 (REV. 5-87) PREVIOUS EDITIONS ARE OBSOLETE.

OJP FORM 4000/2 (REV. 4-88)



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PROJECT NUMBER 2009-SB-B9-2353

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SPECIAL CONDITIONS

1. The recipient agrees to comply with the financial and administrative requirements set forth in the current edition of the Office of Justice Programs (OJP) Financial Guide.
2. The recipient acknowledges that failure to submit an acceptable Equal Employment Opportunity Plan (if recipient is required to submit one pursuant to 28 C.F.R. Section 42.302), that is approved by the Office for Civil Rights, is a violation of its Certified Assurances and may result in suspension or termination of funding, until such time as the recipient is in compliance.
3. The recipient agrees to comply with the organizational audit requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and further understands and agrees that funds may be withheld, or other related requirements may be imposed, if outstanding audit issues (if any) from OMB Circular A-133 audits (and any other audits of OJP grant funds) are not satisfactorily and promptly addressed, as further described in the current edition of the OJP Financial Guide, Chapter 19.
4. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of the enactment, repeal, modification or adoption of any law, regulation or policy, at any level of government, without the express prior written approval of OJP.
5. The recipient must promptly refer to the DOJ OIG any credible evidence that a principal, employee, agent, contractor, subgrantee, subcontractor, or other person has either 1) submitted a false claim for grant funds under the False Claims Act; or 2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving grant funds. This condition also applies to any subrecipients. Potential fraud, waste, abuse, or misconduct should be reported to the OIG by -

mail:

Office of the Inspector General
U.S. Department of Justice
Investigations Division
950 Pennsylvania Avenue, N.W.
Room 4706
Washington, DC 20530

e-mail: oig.hotline@usdoj.gov

hotline: (contact information in English and Spanish): (800) 869-4499

or hotline fax: (202) 616-9881

Additional information is available from the DOJ OIG website at www.usdoj.gov/oig.

6. **RECOVERY ACT – Conflict with Other Standard Terms and Conditions**
The recipient understands and agrees that all other terms and conditions contained in this award, or in applicable OJP grant policy statements or guidance, apply unless they conflict or are superseded by the terms and conditions included here that specifically implement the American Recovery and Reinvestment Act of 2009, Public Law 111-5 (“ARRA” or “Recovery Act”) requirements. Recipients are responsible for contacting their grant managers for any needed clarifications.



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SPECIAL CONDITIONS

7. The grantee agrees to assist BJA in complying with the National Environmental Policy Act (NEPA), the National Historic Preservation Act, and other related federal environmental impact analyses requirements in the use of these grant funds, either directly by the grantee or by a subgrantee. Accordingly, the grantee agrees to first determine if any of the following activities will be funded by the grant, prior to obligating funds for any of these purposes. If it is determined that any of the following activities will be funded by the grant, the grantee agrees to contact BJA.

The grantee understands that this special condition applies to its following new activities whether or not they are being specifically funded with these grant funds. That is, as long as the activity is being conducted by the grantee, a subgrantee, or any third party and the activity needs to be undertaken in order to use these grant funds, this special condition must first be met. The activities covered by this special condition are:

- a. New construction;
- b. Minor renovation or remodeling of a property located in an environmentally or historically sensitive area, including properties located within a 100-year flood plain, a wetland, or habitat for endangered species, or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

The grantee understands and agrees that complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. The grantee further understands and agrees to the requirements for implementation of a Mitigation Plan, as detailed at [website], for programs relating to methamphetamine laboratory operations.

~~Application of This Special Condition to Grantee's Existing Programs or Activities: For any of the grantee's or its subgrantees' existing programs or activities that will be funded by these grant funds, the grantee, upon specific request from BJA, agrees to cooperate with BJA in any preparation by BJA of a national or program environmental assessment of that funded program or activity.~~

8. To avoid duplicating existing networks or IT systems in any initiatives funded by BJA for law enforcement information sharing systems which involve interstate connectivity between jurisdiction, such systems shall employ, to the extent possible, existing networks as the communication backbone to achieve interstate connectivity, unless the grantee can demonstrate to the satisfaction of BJA that this requirement would not be cost effective or would impair the functionality of an existing or proposed IT system.
9. The grantee agrees to comply with all reporting, data collection and evaluation requirements, as prescribed by law and detailed by the BJA in program guidance for the Justice Assistance Grant (JAG) Program. Compliance with these requirements will be monitored by BJA.
10. The recipient agrees that any information technology system funded or supported by OJP funds will comply with 28 C.F.R. Part 23, Criminal Intelligence Systems Operating Policies, if OJP determines this regulation to be applicable. Should OJP determine 28 C.F.R. Part 23 to be applicable, OJP may, at its discretion, perform audits of the system, as per the regulation. Should any violation of 28 C.F.R. Part 23 occur, the recipient may be fined as per 42 U.S.C. 3789g(c)-(d). Recipient may not satisfy such a fine with federal funds.



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11. The grantee agrees to comply with the applicable requirements of 28 C.F.R. Part 38, the Department of Justice regulation governing "Equal Treatment for Faith Based Organizations" (the "Equal Treatment Regulation"). The Equal Treatment Regulation provides in part that Department of Justice grant awards of direct funding may not be used to fund any inherently religious activities, such as worship, religious instruction, or proselytization. Recipients of direct grants may still engage in inherently religious activities, but such activities must be separate in time or place from the Department of Justice funded program, and participation in such activities by individuals receiving services from the grantee or a sub-grantee must be voluntary. The Equal Treatment Regulation also makes clear that organizations participating in programs directly funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. Notwithstanding any other special condition of this award, faith-based organizations may, in some circumstances, consider religion as a basis for employment. See http://www.ojp.gov/about/ocr/equal_fbo.htm.
12. The recipient agrees to ensure that the State Information Technology Point of Contact receives written notification regarding any information technology project funded by this grant during the obligation and expenditure period. This is to facilitate communication among local and state governmental entities regarding various information technology projects being conducted with these grant funds. In addition, the recipient agrees to maintain an administrative file documenting the meeting of this requirement. For a list of State Information Technology Points of Contact, go to <http://www.it.ojp.gov/default.aspx?area=policyAndPractice&page=1046>.
13. The recipient agrees that funds received under this award will not be used to supplant State or local funds, but will be used to increase the amounts of such funds that would, in the absence of Federal funds, be made available for law enforcement activities.
14. **RECOVERY ACT - JAG - Trust Fund**
The recipient is required to establish a trust fund account. (The trust fund may or may not be an interest-bearing account.) The fund, including any interest, may not be used to pay debts or expenses incurred by other activities beyond the scope of either the Edward Byrne Memorial Justice Assistance Grant Program (JAG) or Recovery JAG Program. The recipient also agrees to obligate and expend the grant funds in the trust fund (including any interest earned) during the period of the grant. Grant funds (including any interest earned) not expended by the end of the grant period must be returned to the Bureau of Justice Assistance no later than 90 days after the end of the grant period, along with the final submission of the Financial Status Report (SF-269).
15. **RECOVERY ACT - Access to Records; Interviews**
The recipient understands and agrees that DOJ (including OJP and the Office of the Inspector General (OIG)), and its representatives, and the Government Accountability Office (GAO), shall have access to and the right to examine all records (including, but not limited to, books, papers, and documents) related to this Recovery Act award, including such records of any subrecipient, contractor, or subcontractor.

The recipient also understands and agrees that DOJ and the GAO are authorized to interview any officer or employee of the recipient (or of any subrecipient, contractor, or subcontractor) regarding transactions related to this Recovery Act award.
16. **RECOVERY ACT - One-time funding**
The recipient understands and agrees that awards under the Recovery Act will be one-time awards and accordingly that its proposed project activities and deliverables are to be accomplished without additional DOJ funding.



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17. **RECOVERY ACT – Separate Tracking and Reporting of Recovery Act Funds and Outcomes**
The recipient agrees to track, account for, and report on all funds from this Recovery Act award (including specific outcomes and benefits attributable to Recovery Act funds) separately from all other funds, including DOJ award funds from non-Recovery Act awards awarded for the same or similar purposes or programs. (Recovery Act funds may be used in conjunction with other funding as necessary to complete projects, but tracking and reporting of Recovery Act funds must be separate.)
- Accordingly, the accounting systems of the recipient and all subrecipients must ensure that funds from this Recovery Act award are not commingled with funds from any other source.
- The recipient further agrees that all personnel (including subrecipient personnel) whose activities are to be charged to the award will maintain timesheets to document hours worked for activities related to this award and non-award-related activities.
18. **RECOVERY ACT – Subawards – Monitoring**
The recipient agrees to monitor subawards under this Recovery Act award in accordance with all applicable statutes, regulations, OMB circulars, and guidelines, including the OJP Financial Guide, and to include the applicable conditions of this award in any subaward. The recipient is responsible for oversight of subrecipient spending and monitoring of specific outcomes and benefits attributable to use of Recovery Act funds by subrecipients. The recipient agrees to submit, upon request, documentation of its policies and procedures for monitoring of subawards under this award.
19. **RECOVERY ACT – Subawards – DUNS and CCR for Reporting**
The recipient agrees to work with its first-tier subrecipients (if any) to ensure that, no later than the due date of the recipient's first quarterly report after a subaward is made, the subrecipient has a valid DUNS profile and has an active registration with the Central Contractor Registration (CCR) database.
20. **RECOVERY ACT - Quarterly Financial Reports**
~~The recipient agrees to submit quarterly financial status reports to OJP. At present, these reports are to be submitted on-line (at <https://grants.ojp.usdoj.gov>) using Standard Form SF 269A, not later than 45 days after the end of each calendar quarter. The recipient understands that after October 15, 2009, OJP will discontinue its use of the SF 269A, and will require award recipients to submit quarterly financial status reports within 30 days after the end of each calendar quarter, using the government-wide Standard Form 425 Federal Financial Report form (available for viewing at www.whitehouse.gov/omb/grants/standard_forms/ffr.pdf). Beginning with the report for the fourth calendar quarter of 2009 (and continuing thereafter), the recipient agrees that it will submit quarterly financial status reports to OJP on-line (at <https://grants.ojp.usdoj.gov>) using the SF 425 Federal Financial Report form, not later than 30 days after the end of each calendar quarter. The final report shall be submitted not later than 90 days following the end of the grant period.~~



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SPECIAL CONDITIONS

21. RECOVERY ACT – Recovery Act Transactions Listed in Schedule of Expenditures of Federal Awards and Recipient Responsibilities for Informing Subrecipients

(a) The recipient agrees to maintain records that identify adequately the source and application of Recovery Act funds, to maximize the transparency and accountability of funds authorized under the Recovery Act as required by the Act and in accordance with 2 CFR 215.21, "Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-profit Organizations" and OMB A-102 Common Rules provisions (relating to Grants and Cooperative Agreements with State and Local Governments).

(b) The recipient agrees to separately identify the expenditures for Federal awards under the Recovery Act on the Schedule of Expenditures of Federal Awards (SEFA) and the Data Collection Form (SF-SAC) required by OMB Circular A-133. This condition only applies if the recipient is covered by the Single Audit Act Amendments of 1996 and OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations." This shall be accomplished by identifying expenditures for Federal awards made under the Recovery Act separately on the SEFA, and as separate rows under Item 9 of Part III on the SF-SAC by CFDA number, and inclusion of the prefix "ARRA-" in identifying the name of the Federal program on the SEFA and as the first characters in Item 9d of Part III on the SF-SAC.

(c) The recipient agrees to separately identify to each subrecipient the Federal award number, CFDA number, and amount of Recovery Act funds, and to document this identification both at the time of subaward and at the time of disbursement of funds. When a recipient awards Recovery Act funds for an existing program, the information furnished to subrecipients shall distinguish the subawards of incremental Recovery Act funds from regular subawards under the existing program.

(d) The recipient agrees to require its subrecipients to specifically identify Recovery Act funding on their SEFA information, similar to the requirements for the recipient SEFA described above. This information is needed to allow the recipient to properly monitor subrecipient expenditure of Recovery Act funds as well as facilitate oversight by the Federal awarding agencies, the DOJ OIG, and the GAO.

~~22. RECOVERY ACT – Reporting and Registration Requirements under Section 1512 of the Recovery Act.~~

~~(a) This award requires the recipient to complete projects or activities which are funded under the Recovery Act and to report on use of Recovery Act funds provided through this award. Information from these reports will be made available to the public.~~

~~(b) The reports are due no later than ten calendar days after each calendar quarter in which the recipient receives the assistance award funded in whole or in part by the Recovery Act.~~

~~(c) Recipients and their first-tier recipients must maintain current registrations in the Central Contractor Registration (www.ccr.gov) at all times during which they have active federal awards funded with Recovery Act funds. A Dun and Bradstreet Data Universal Numbering System (DUNS) Number (www.dnb.com) is one of the requirements for registration in the Central Contractor Registration.~~

~~(d) The recipient shall report the information described in section 1512(c) of the Recovery Act using the reporting instructions and data elements that will be provided online at www.FederalReporting.gov and ensure that any information that is pre-filled is corrected or updated as needed.~~



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PROJECT NUMBER 2009-SB-B9-2353

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SPECIAL CONDITIONS

23. RECOVERY ACT – Provisions of Section 1512(c)

The recipient understands that section 1512(c) of the Recovery Act provides as follows:

Recipient Reports- Not later than 10 days after the end of each calendar quarter, each recipient that received recovery funds from a Federal agency shall submit a report to that agency that contains--

- (1) the total amount of recovery funds received from that agency;
- (2) the amount of recovery funds received that were expended or obligated to projects or activities; and
- (3) a detailed list of all projects or activities for which recovery funds were expended or obligated, including--
 - (A) the name of the project or activity;
 - (B) a description of the project or activity;
 - (C) an evaluation of the completion status of the project or activity;
 - (D) an estimate of the number of jobs created and the number of jobs retained by the project or activity; and
 - (E) for infrastructure investments made by state and local governments, the purpose, total cost, and rationale of the agency for funding the infrastructure investment with funds made available under this Act, and name of the person to contact at the agency if there are concerns with the infrastructure investment.
- (4) Detailed information on any subcontracts or subgrants awarded by the recipient to include the data elements required to comply with the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109-282), allowing aggregate reporting on awards below \$25,000 or to individuals, as prescribed by the Director of the Office of Management and Budget.

24. RECOVERY ACT – Protecting State and Local Government and Contractor Whistleblowers (Recovery Act, section 1553)

The recipient recognizes that the Recovery Act provides certain protections against reprisals for employees of non-Federal employers who disclose information reasonably believed to be evidence of gross management, gross waste, substantial and specific danger to public health or safety, abuse of authority, or violations of law related to contracts or grants using Recovery Act funds. For additional information, refer to section 1553 of the Recovery Act. The text of Recovery Act is available at www.ojp.usdoj.gov/recovery.

25. RECOVERY ACT – Limit on Funds (Recovery Act, section 1604)

The recipient agrees that none of the funds under this award may be used by any State or local government, or any private entity, for construction costs or any other support of any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

26. RECOVERY ACT – Infrastructure Investment (Recovery Act, sections 1511 and 1602)

The recipient agrees that it may not use any funds made available under this Recovery Act award for infrastructure investment absent submission of a satisfactory certification under section 1511 of the Recovery Act. Should the recipient decide to use funds for infrastructure investment subsequent to award, the recipient must submit appropriate certifications under section 1511 of the Recovery Act and receive prior approval from OJP. In seeking such approval, the recipient shall give preference to activities that can be started and completed expeditiously, and shall use award funds in a manner that maximizes job creation and economic benefits. The text of the Recovery Act (including sections 1511 and 1602) is available at www.ojp.usdoj.gov/recovery.



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PROJECT NUMBER 2009-SB-B9-2353

AWARD DATE 09/14/2009

SPECIAL CONDITIONS

27. RECOVERY ACT -- Buy American Notification (Recovery Act, section 1605)

The recipient understands that this award is subject to the provisions of section 1605 of the Recovery Act ("Buy American"). No award funds may be used for iron, steel, or manufactured goods for a project for the construction, alteration, maintenance, or repair of a public building or public work, unless the recipient provides advance written notification to the OJP program office, and a Grant Adjustment Notice is issued that modifies this special condition to add government-wide standard conditions (anticipated to be published in subpart B of 2 C.F.R. part 176) that further implement the specific requirements or exceptions of section 1605.

Section 1605 of the Recovery Act prohibits use of any Recovery Act funds for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States, subject to certain exceptions, including United States obligations under international agreements.

For purposes of this special condition, the following definitions apply:

"Public building" and "public work" means a public building of, and a public work of, a governmental entity (the United States; the District of Columbia; commonwealths, territories, and minor outlying islands of the United States; State and local governments; and multi-State, regional, or interstate entities which have governmental functions). These buildings and works may include, without limitation, bridges, dams, plants, highways, parkways, streets, subways, tunnels, sewers, mains, power lines, pumping stations, heavy generators, railways, airports, terminals, docks, piers, wharves, ways, lighthouses, buoys, jetties, breakwaters, levees, and canals, and the construction, alteration, maintenance, or repair of such buildings and works.

"Manufactured good" means a good brought to the construction site for incorporation into the building or work that has been--

(1) Processed into a specific form and shape; or

(2) ~~Combined with other raw material to create a material that has different properties than the properties of the individual raw materials.~~

"Steel" means an alloy that includes at least 50 percent iron, between .02 and 2 percent carbon, and may include other elements.

For purposes of OJP grants, projects involving construction, alteration, maintenance, or repair of jails, detention facilities, prisons, public crime victims' shelters, police facilities, or other similar projects will likely trigger this provision.

NOTE: The recipient is encouraged to contact the OJP program manager - in advance - with any questions concerning this condition, including its applicability to particular circumstances.

please see <http://www.ojp.usdoj.gov/BJA/resource/nepa.html>.

Please be sure to carefully review the grant conditions on your award document, as it may contain more specific information about environmental compliance.



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**GRANT MANAGER'S MEMORANDUM, PT. I:
PROJECT SUMMARY**

Grant

PROJECT NUMBER

2009-SB-B9-2353

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This project is supported under FY09 Recovery Act (BJA-Byrne JAG) Pub. L. No. 111-5, 42 USC 3750-3758

1. STAFF CONTACT (Name & telephone number)

Linda B. Hill-Franklin
(202) 514-0712

2. PROJECT DIRECTOR (Name, address & telephone number)

Frank Denning
Sheriff
125 North Cherry Street
Olathe, KS 66061-3443
(913) 791-5805

3a. TITLE OF THE PROGRAM

BJA FY 09 Recovery Act Edward Byrne Memorial Justice Assistance Grant Program Local Solicitation

**3b. POMS CODE (SEE INSTRUCTIONS
ON REVERSE)**

4. TITLE OF PROJECT

FY 2009 Recovery Act JAG Program

5. NAME & ADDRESS OF GRANTEE

Johnson County
111 S. Cherry Street
Olathe, KS 66061-3443

6. NAME & ADDRESS OF SUBGRANTEE

7. PROGRAM PERIOD

FROM: 03/01/2009 TO: 02/28/2013

8. BUDGET PERIOD

FROM: 03/01/2009 TO: 02/28/2013

9. AMOUNT OF AWARD

\$ 920,495

10. DATE OF AWARD

09/14/2009

11. SECOND YEAR'S BUDGET

12. SECOND YEAR'S BUDGET AMOUNT

13. THIRD YEAR'S BUDGET PERIOD

14. THIRD YEAR'S BUDGET AMOUNT

15. SUMMARY DESCRIPTION OF PROJECT (See instruction on reverse)

This grant program is authorized by the American Recovery and Reinvestment Act of 2009 (Public Law 111-5) (the "Recovery Act") and by 42 U.S.C. 3751(a). The stated purposes of the Recovery Act are: to preserve and create jobs and promote economic recovery; to assist those most impacted by the recession; to provide investments needed to increase economic efficiency by spurring technological advances in science and health; to invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits; and to stabilize state and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases. The Recovery Act places great emphasis on accountability and transparency in the use of taxpayer dollars.

Among other things, it creates a new Recovery Accountability and Transparency Board and a new website – Recovery.gov – to provide information to the public, including access to detailed information on grants and contracts made with Recovery Act funds.

The Justice Assistance Grant (JAG) Program funded under the Recovery Act is the primary provider of federal criminal justice funding to state and local jurisdictions. Recovery JAG funds support all components of the criminal justice system, from multi-jurisdictional drug and gang task forces to crime prevention and domestic violence programs, courts, corrections, treatment, and justice information sharing initiatives. Recovery JAG funded projects may address crime through the provision of services directly to individuals and/or communities and by improving the effectiveness and efficiency of criminal justice systems, processes, and procedures.

Johnson County, through the Johnson County Sheriff's Office, will be the administrative and fiscal reporting agency for the disparity funding for the Fiscal Year 2009 Recovery Act JAG award on behalf of the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee. The projects being funded through this program include replacing outdated equipment in the courthouse, purchasing and upgrading software programs, and replacing outdated vehicles with new "green" hybrid vehicles. Programs funded through this grant are primarily for law enforcement and will cover a range of areas. Johnson County activities include replacing outdated video arraignment equipment and purchasing a digital voice recording system to assist with court proceedings. Prairie Village's program includes an equipment purchase of a voice stress analyzer and ballistic vests. The police departments of Gardner, Leawood, and Olathe will up-grade their existing radio communication equipment to meet the low-band frequency requirements. The city of Lenexa will implement a technology-based program including the purchase of an automatic plate reader, photograph evidence storage, and audit tracking along with personal portable video cameras. Both Mission and Merriam Police Departments will purchase software programs which, when converted, will aide with employees' computer access. The software enhancements for the Merriam Police Department will enable citizens to make minor reports on-line. The Shawnee Police Department will undertake an in-car video recording project. The cities of Roeland Park and Overland Park will purchase light bars for fleet vehicles. In addition, Overland Park will purchase low emission hybrid vehicles to replace their existing high-mileage vehicles. The funds provided for the programs will improve the quality of service each agency provides to its community through their activities, upgrades, and equipment purchases.

NCA/NCF

**Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG)
Formula Program: City of Lenexa, Johnson County, Kansas**

Program Narrative

The City of Lenexa has a population of approximately 46,000 residents with a business population around 90,000. The City is primarily industrial based serving high tech communication centers, national and local laboratories, critical emergency management centers, public utilities, regional land-based shipping hubs, warehouses, underground storage, and financial processing centers. Lenexa is located in the heart of the Midwest along Interstate I-35, a major freeway extending from Mexico to Canada. These factors combine to make Lenexa a primary target for criminal activity and a viable target for terrorism.

In keeping with the philosophy and mission of the Lenexa Police Department: "Working in partnership to protect and serve the community with honor, integrity and professionalism", we have created strong partnerships with our residential and business communities. Our community consists of single and multi-family residential, retail, commercial and residential construction sites, hotels and storage locker facilities. Our officers and personnel are actively involved in proactive intelligent policing efforts to solve problems and identify potential problems within our community.

~~As a means to continue to be proactive and responsive to the needs of the community and enhance our intelligent policing efforts we are requesting funds for several technology based programs: (1) Automatic License Plate Readers (2) Photograph Evidence Storage and Audit Tracking (3) Personal Portable Video Camera.~~

The **Automatic License Plate Reader (LPR)** from ELSAG North America is made in the United States of America and their local distributor is located in Olathe, Johnson County Kansas. The LPR allows our department to collect data and proactively identify the following:

- Proactively remove suspended and revoked drivers from the road
- Proactive identification of wanted subjects
- Recovery of stolen vehicles
- Assistance with AMBER Alerts and missions related to missing and exploited children
- Development and maintenance of Sexual Predators Hot Lists
- Drug interdiction
- Highway Safety
- Homeland Security initiatives

- Gang and racketeering interdiction
- Provides a searchable database for criminal intelligence.

The City of Lenexa is in the process of entering in into the ALERT-ETAC System. The purpose of this cooperative venture of the criminal justice agencies in the Kansas City Metro area is to enhance the effectiveness of law enforcement and justice agencies by increasing the information sharing related to criminal activities. The implementation of the ALERT-ETAC System serve as a solution to the problems of inaccessible or irretrievable information resulting from the disparate information systems that lack a common platform and the difficulty in sharing data across jurisdictional boundaries.

Our goal is to integrate and share the data collected from our LPR system with other agencies and to share data with other agencies who also acquire LPR systems. This sharing and collection of data will assist officers and investigators in multiple jurisdictions to solve crime and identify potential threats.

The **Photograph Evidence Storage and Audit Tracking** software is also based and manufactured in the United States. Currently, we have no means of tracking the dissemination of crime scene photographs. We have been storing our digital images on a local computer drive with no audit capabilities. This Photo Evidence Project will allow us to track the dissemination of our digital images and it also provides a searchable database. This tracking and audit log is important to chain of custody and veracity issues for court proceedings. This system will also cut down the time the investigator currently spends uploading and cataloging images. This project will also require a quality photo printer for court presentation and case building.

In addition to the software, printer and needed USB card readers for downloading information to the system we are requesting the purchase of a 4TB storage device. This will be used not only for the storage of the digital images mentioned above but will be used to upgrade current police needs and service several other applications requested under the Byrne/JAG grant for the police department. The 4TB storage device will be used for the following programs:

- VieVu Personal Portable Video Camera (support request under Byrne/JAG)
- Eisag License Plate recognition (support request under Byrne/JAG)
- Photograph Evidence Storage and Audit Tracking (support request under Byrne/JAG)
- Existing SQL Server environment that is growing and contains (Mugshots, Datamart (Clone of our RMS for reporting) ,Scheduling System, IAPRO Complaint system)

- Backup for our current CAD/RMS

The purchase of this storage device will allow us to utilize one location to house and store information for the above programs/applications. This storage device will then be backed up by another similar storage device, not funded under the Byrne/Jag, on an offsite location to ensure data continuity and integrity.

The **VieVu Personal Portable Video Camera** is also a United States based company. The VieVu cameras will allow our bicycle patrol officers, motorcycle officers and officers in plain clothes assignments to wear a video camera on their person to capture citizen contacts and to record evidentiary information. The camera and recording device is enclosed in a small housing that can be securely clipped on the officer's shirt. Due to their assignments this information might otherwise be lost due their modes of transportation and equipment limitations and necessity for inconspicuousness. We have found that having video cameras in our patrol vehicle fleet has been beneficial in evidentiary purposes for witness, suspect, victim statements and also provides for oversight in potential officer accountability. These cameras would enable our officers to capture most compelling evidentiary information available.

213778

Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG)
 Formula Program: City of Lenexa, Johnson County, Kansas

Budget Worksheet

Qty	DESCRIPTION	Each	Extended
	License Plate Reader		
2	MPX-900X3 Mobile License Plate Reader - Includes LPR Processor, 6 cameras (3 color and 3 infrared LPR in three enclosures), cables and related software. IN A TRANSPORTABLE RUGGEDIZED ELECTRONIC SUITCASE.	\$19,975.00	\$39,950.00
2	MPH-900 OPC Operations Center License designed to coordinate multiple fixed and mobile units across.	\$975.00	\$1,950.00
	Service Plan Year 1	0	0
	Service Plan Year 2	\$1,047.50	\$2,095.00
	Service Plan Year 3	\$1,047.50	\$2,095.00
	Service Plan Year 4	\$1,047.50	\$2,095.00
	<i>Total for LPR</i>		\$48,185.00
	Photo Evidence Project		
1	Photo Evidence Pro Software	\$1,500.00	\$1,500.00
1	Color Laser Jet Printer	\$700.00	\$700.00
17	USB 2.0 Multi Card Reader	\$7.35	\$125.00
1	miSAN D 4TB Server and Maintenance Agreement	\$7,405.48	\$7,405.48
	<i>Total for Photo Evidence</i>		\$9,730.48
	<i>Total LPR & Photo Evidence</i>		\$57,915.48
	VieVU Personal Video Camera Project		
6	VieVU Personal Video Cameras	\$450.00	\$2,700.00
	<i>Total for Personal Video Cameras</i>		\$2,700.00
	<i>Total for all projects</i>		\$60,615.48

The above projects are expected to be in place within sixty days of receiving notification that the grant has been awarded. The draw down on funds will occur within 90 days of the grant award notification with the exception of the service plan on the License Plate Readers, which will occur over the life of the draw down period.

Lt. Dawn Layman will be the Lenexa Police Department agency contact on all matters concerning this grant award and will be responsible for project monitoring as well as quarterly compliance reporting.

Lt. Dawn Layman
 Lenexa Police Department
 12500 W. 87th St.
 Lenexa, KS 66215
 (913)825-8042
 dlayman@ci.lenexa.ks.us

**Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG)
Formula Program: City of Lenexa, Johnson County, Kansas**

Review Narrative

The (JAG) application grant was made available for review to the Lenexa Governing Body on April 13, 2009. This has also been placed on the agenda for the regular City Council Meeting on April 21, 2009.

The application was made public on the City website (<http://www.ci.lenexa.ks.us>) on April 14, 2009 with a notice for the opportunity for public comment on the application to be held at the Lenexa City Council meeting on April 21, 2009.

**Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG)
Formula Program: City of Lenexa, Johnson County, Kansas**

Abstract Narrative

The projects as outlined include: (1) Automatic License Plate Readers (2) Photograph Evidence Storage and Audit Tracking (3) Personal Portable Video Camera.

Our overall goal in implementing the technology based projects within our department is to continue to be proactive and responsive to the needs of the community and enhance our intelligent policing efforts. Each project has a significant impact on the efficiency and accountability of the department. In each project several overall strategies will be implemented and tracked. We can track each projects overall activity

City of Lenexa Police Department

Lt. Dawn Layman
 12500 W 87th St.
 Lenexa, KS 66215
 Phone (913) 825-8042 Fax (913) 888-0660



DATE: November 19, 2009
 INVOICE #

BILL TO:
 Johnson County Sheriff's Office
 125 Cherry St.
 Olathe, KS 66061

FOR: 2009SBB92353-LEN

Kent Brown
 913-791-5199

DESCRIPTION		RATE	AMOUNT
Grant Reimbursement - License Plate Readers - ELSAG	2.00	19975.00	\$ 39,950.00
License Plate Reader			
Operations Center License	2.00	975.00	1,950.00
Service Plan Years 2-4	1.00	6285.00	6,285.00
Lenexa #216715			
SUBTOTAL			\$ 48,185.00
TAX RATE			
SALES TAX			-
OTHER			
TOTAL			\$ 48,185.00

Make all checks payable to City of Lenexa Police Department

sent to SBB 11/19

CITY OF LENEXA
CHECK REQUEST

Clear Form

TO: FINANCE DEPARTMENT
VENDOR NO. 15192

DATE: 10/30/2009

PAYABLE TO:

ELSAG North America

412 Clocktower Commons

Brewster, NY 10509

CHARGE TO:

P.O. NO.

F 20090139

ACTIVITY

213778

EXP CODE

5410

PROJ CD

AMOUNT

48,185.00

TOTAL: \$48,185.00

DESCRIPTION: Grant License Plate Readers

APPROVED: *Chambers*

YES NO

- MAIL ATTACHED DOCUMENTS- W/CHECK
 RETURN CHECK TO DEPT

TO ATTN OF: Lt. Dawn Layman

*** (If attachments are to be mailed w/check, please attach original to check request and provide an additional copy to be mailed w/check. Supporting documentation is required for all payments. ***)

FMCKREQ.DOC

Accounts Payable



ACCOUNTS PAYABLE

FIRST NATIONAL BANK
OVERLAND PARK, KANSAS 66211

83331

0010

FEDERAL ID # 48-6085044
SALES TAX EXEMPTION # KSB2C55N0W

Security features included. Details on back.

CHECK DATE
11/06/09

216715
CHECK NO
216715

AMOUNT

\$***48,185.00*

VOID AFTER 90 DAYS

PAY THE SUM OF FORTY EIGHT THOUSAND, ONE HUNDRED EIGHTY FIVE DOLLARS & ZERO CENTS

TO THE ORDER OF ELSAG NORTH AMERICA LLC
412 CLOCKTOWER COMMONS
BREWSTER NY 10509

⑈ 216715 ⑆ ⑆ 101003317 ⑆ ⑆ 50036109 ⑆

SECURITY FEATURES INCLUDE: MICR VOID CAP TO GRAB AND REEDED WITH NUMBERING. SEE REVERSE SIDE FOR MORE SAFETY FEATURES.

CITY OF LENEXA

VENDOR NO. 15192

CHECK NO. 216715

ACCOUNT	PURCH. ORDER	INVOICE NUMBER	AMOUNT	DESCRIPTION
213778	5316	20090139	6,285.00	MPH 900 WARRANTY FOR
213778	5324	20090139	1,950.00	OPERATIONS CENTER LIC
213778	5410	20090139	39,950.00	MOBILE LICENSE PLATE

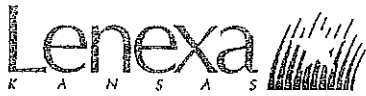
15192 ELSAG NORTH AMERICA LLC

The City of Lenexa's sales tax exemption number is KSB2C55N0W.

If your company requires an exemption form to be on file, it can be found on the City's website.

We are also offering payments by ACH. If your company accepts ACH payments, please fax the form found at www.ci.lenexa.ks.us under Finance Dept., Applications & Forms/ACH Enrollment Form to (913)477-7586 or email us at lfid@ci.lenexa.ks.us.

City of Lenexa / 12350 West 87th Street Parkway / Lenexa, Kansas 66215-2882
City of Lenexa / P.O. Box 14888 / Lenexa, Kansas 66285-4888
Telephone 913-477-7500 City Hall / Fax 913-477-7504



VENDOR 15192
 ELSAG NORTH AMERICA LLC
 205 H CREEK RIDGE ROAD
 GREENSBORO NC 27406

SHIP TO CITY OF LENEXA-POLICE DEPARTME
 12500 WEST 87TH STREET PARKWAY
 LENEXA, KANSAS
 66215
 ATTN: LAYMAN/EVANS

ORDER DATE: 09/23/09	BUYER: TE	REQ. NO.: 32981	REQ. DATE:
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TERMS: NET 30 DAYS	F.O.B.:	DESC.:
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ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
01	2.00	EA	MOBILE LICENSE PLATE READER STOCK NO. MPH-900X3	19975.0000	39,950.00
02	2.00	EA	OPERATIONS CENTER LICENSE STOCK NO. MPH-900-OPC	975.0000	1,950.00
03	2.00	EA	MPH 900 WARRANTY FOR YEAR #2 STOCK NO. MPH-900	1047.5000	2,095.00
04	2.00	EA	MPH 900 WARRANTY FOR YEAR #3 STOCK NO. MPH-900	1047.5000	2,095.00
05	2.00	EA	MPH 900 WARRANTY FOR YEAR #4 STOCK NO. MPH-900	1047.5000	2,095.00

ITEM#	ACCOUNT	AMOUNT	PROJECT CODE	PAGE TOTAL \$	48,185.00
01	213778	5410		TOTAL \$	48,185.00
02	213778	5324			
03	213778	5316			
04	213778	5316			
05	213778	5316			

APPROVED BY:

Janetta Carney
 Authorized Signature



ELSAG North America

412 Clocktower Commons
Brewster, NY 10509

Duns # 196140821
Phone: 866-9MPH900 (967-4900)
Fax: 336-3797164

9/22/2009

Delivered to:

L.L. Dawn Layman
Lenexa Police Department
12500 W 87th St
Lenexa, KS 66215
19131625-3042
Dawn Layman [dlayman@ci.lenexa.ks.us]

Quotation valid until: November 21, 2009
Prepared by: Tony Roberts
Projected Arrival Date: TBD

NASPO Multi-State Contract #PC62119 Award #19745
(California Participating Addendum)
WCSA # PC 62119 Hazardous Incident Response Equipment
(Contract term: 5/20/2007 - 5/10/2010)

Model #	Description	Cost	Units	Amount
MPH-900K3 (Trans)	Mobile License Plate Reader - Includes LPR Processor, 6 cameras (3 color and 3 infrared LPR in three enclosures), cables and related software. IN A TRANSPORTABLE RUGGEDIZED ELECTRONIC SUITCASE.	\$19,975	2	\$39,950.00
MPH-900 OPC	Operations Center License designed to coordinate multiple fixed and mobile units across.	\$975	2	\$1,950.00
MPH-900 Warranty	MPH 900 Warranty for year #2	\$1,048	2	\$2,095.00
MPH-900 Warranty	MPH 900 Warranty for year #3	\$1,048	2	\$2,095.00
MPH-900 Warranty	MPH 900 Warranty for year #4	\$1,048	2	\$2,095.00
Phone Support	24 Hour Telephone Support by qualified MPH-900 technicians			FREE
ON-SITE TRAINING	Included in the purchase of both transportable and permanent MPH-900 installations available in group and individual sessions.			FREE
TRAINING CENTER MEMBERSHIP	Unlimited access to ELSAG training classes held either in the field or at Company Facilities.			FREE
			TOTAL	\$48,185.00

Service Plan for goods and services provided by the above quote

Year	Price	Hardware and Software	Due Date
Year I	Free		
Year II	\$3,373	Hardware and Software	9/22/2010
Year III	\$3,373	Hardware and Software	9/22/2011
Year IV	\$3,373	Hardware and Software	9/21/2012
Beyond	\$2,409	Software Only	9/21/2013

Service Plan Includes:
- Software Updates
- Annual Training/Service
- Parts & Labor

Approval Signature: _____

ELSAG North America
 205-H Creek Ridge Road
 Wensboro, NC 27406

SALES ORDER PACK LIST

Sales Order Number: 100001589
 Sales Order Date: Sep 25, 2009
 Ship By: Nov 13, 2009
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship To:
Lenexa Police Dept, City of 12500 W 87th St. Lenexa, KS 66215 United States

Customer ID	PO Number	Sales Rep Name
Lenexa Police Dept.	20090139	Anthony Roberts
Customer Contact	Shipping Method	Payment Terms
Dave Wilson	Fed-Ex	Net 15 Days

Quantity	Item	Description	Shipped Prior	This Shipment
2.00	110083	MPH-900 ADM3 SPLIT CAMERA (3) TRANSPORTABLE MOUNT SYSTEM		2
6.00	420069-S	AD3 Split Trunk Cam Mnt Hdly		6
2.00	410322	Operation Center License		2
2.00	520001	Service Plan Year 1		2
2.00	520002	Service Plan Year 2		2
2.00	520003	Service Plan Year 3		2
2.00	520004	Service Plan Year 4		2

Rec 11/17/09

ELSAG Employee Signature (Installations) _____ - 5300 - _____ Date _____

Customer Signature (Installations) _____ Date _____

ELSAG North America
 225-H Creek Ridge Road
 Greensboro, NC 27406

SALES ORDER PACK LIST

Sales Order Number: 100001589
 Sales Order Date: Sep 25, 2009
 Ship By: Nov 13, 2009
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

To:
 Lenexa Police Dept.
 12500 W 87th St.
 Lenexa, KS 66215
 United States

Ship To:
 Lenexa Police Dept, City of
 12500 W 87th St.
 Lenexa, KS 66215
 United States

Customer ID	PO Number	Sales Rep Name
Lenexa Police Dept.	20090139	Anthony Roberts
Customer Contact	Shipping Method	Payment Terms
Dave Wilson	Fed-Ex	Net 15 Days

Quantity	Item	Description	Shipped Prior	This Shipment
2.00	110083	MPH-900 ADM3 SPLIT CAMERA (3) TRANSPORTABLE MOUNT SYSTEM		2
6.00	420069-S	AD3 Split Trunk Cam Mnt Hdly		6
2.00	410322	Operation Center License		2
2.00	520001	Service Plan Year 1		2
2.00	520002	Service Plan Year 2		2
2.00	520003	Service Plan Year 3		2
2.00	520004	Service Plan Year 4		2

RET 11/13/09

ELSAG Employee Signature (Installations) _____ - 5301 - _____ Date _____

Customer Signature (Installations) _____

ELSAG North America

205-H Creek Ridge Road
Greensboro, NC 27406

INVOICE

Invoice Number: 11526
Invoice Date: Nov 16, 2009
Page: 1

Voice: 336-379-7135
Fax: 336-379-7164

Bill To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship to:
Lenexa Police Dept, City of 12500 W 87th St. Lenexa, KS 66215 United States

Customer ID	Customer PO	Payment Terms	
Lenexa Police Dept.	20090139	Net 15 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
ROBERTS	Fed-Ex	11/13/09	12/1/09

Quantity	Item	Description	Unit Price	Amount
2.00	110083	MPH-900 ADM3 SPLIT CAMERA (3) TRANSPORTABLE MOUNT SYSTEM	19,975.00	39,950.00
6.00	420069-S	AD3 Split Trunk Cam Mnt Hdly		
2.00	410322	Operation Center License	975.00	1,950.00
2.00	520001	Service Plan Year 1		
2.00	520002	Service Plan Year 2	1,047.50	2,095.00
2.00	520003	Service Plan Year 3	1,047.50	2,095.00
2.00	520004	Service Plan Year 4	1,047.50	2,095.00
Subtotal				48,185.00
Sales Tax				
Total Invoice Amount				48,185.00
Payment/Credit Applied				
TOTAL				48,185.00

Check/Credit Memo No:

Overdue invoices are subject to late charges.



County Treasurer
 Johnson County, Kansas
 Olathe, Kansas 66061
 Ph: 913-715-0525

County Treasurer
 Johnson County, Kansas
 111 S. Cherry
 Olathe, Kansas 66061

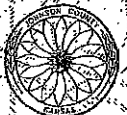
City of Lenexa
 Police Department
 12500 W 87th ST
 LENEXA, KS 66215
 US

Date: 10-Dec-09 Supplier Name: City of Lenexa Supplier No: 2889 NO. 205181

INVOICE NO.	INVOICE DATE	DESCRIPTION	DISCOUNT AMOUNT	NET AMOUNT
2009SB892353-LEN-1	19-Nov-09	GRANT REIMBURSEMENT-LICENSE PLATE REATE	0.00	48,185.00
Total				48,185.00

Kansas Sales Tax Exempt #: KS08CT1W90

VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM.



County Treasurer
 Johnson County, Kansas
 Olathe, Kansas 66061
 Ph: 913-715-0525

UMB NATIONAL BANK OF AMERICA
 SALINA, KANSAS 67402

44-722/1011

CHECK DATE	CHECK NUMBER	CHECK AMOUNT
10-Dec-09	20518126	*****48,185.00

Pay: Forty-Eight Thousand One Hundred Eighty-Five Dollars And Zero Cents
 City of Lenexa
 Police Department
 12500 W 87th ST
 LENEXA, KS 66215
 United States

Annabeth Surbaugh
 Chairman of the Board
John R. Bertolucci
 County Clerk
Charles M. [Signature]
 County Treasurer

**A COOPERATIVE AGREEMENT BY AND AMONG
THE BOARD OF COUNTY COMMISSIONERS OF JOHNSON COUNTY,
KANSAS, AND THE CITIES OF GARDNER, LEAWOOD, LENEXA,
MERRIAM, MISSION, OLATHE, OVERLAND PARK, PRAIRIE VILLAGE,
ROELAND PARK, AND SHAWNEE, KANSAS
2009 BYRNE JUSTICE ASSISTANCE GRANT (JAG) FORMULA PROGRAM**

THIS AGREEMENT is made and entered into by and among the BOARD OF COUNTY COMMISSIONERS OF JOHNSON COUNTY, KANSAS (hereinafter the "COUNTY"), and the CITY OF GARDNER, KANSAS (hereinafter "GARDNER"), the CITY OF LEAWOOD, KANSAS (hereinafter "LEAWOOD"), the CITY OF LENEXA, KANSAS (hereinafter "LENEXA"), the CITY OF MERRIAM, KANSAS (hereinafter "MERRIAM"), the CITY OF MISSION, KANSAS (hereinafter "MISSION"), the CITY OF OLATHE, KANSAS (hereinafter "OLATHE"), the CITY OF PRAIRIE VILLAGE, KANSAS (hereinafter "PRAIRIE VILLAGE"), the CITY OF ROELAND PARK, KANSAS (hereinafter "ROELAND PARK"), the CITY OVERLAND PARK, KANSAS (hereinafter "OVERLAND PARK"), and the CITY OF SHAWNEE, KANSAS (hereinafter "SHAWNEE"), with each party hereto having been duly organized and now existing under the laws of the State of Kansas.

WITNESSETH:

WHEREAS, the parties hereto are eligible to apply for a joint application award of \$920,495.00 under the American Recovery and Reinvestment Act of 2009 (the "Recovery Act") Bureau of Justice Assistance (BJA) Edward J. Byrne Memorial Justice Assistance Grant (JAG) Formula Program from the Office of Justice Programs (OJP), U.S. Department of Justice (DOJ); and

WHEREAS, the Recovery Act provides the DOJ with funding to assist state, local and tribal law enforcement (including support for hiring), to combat violence against women, to fight internet crimes against children, to improve functioning of the criminal justice system, to assist victims of crime and to support youth mentoring; and

WHEREAS, the JAG Program fosters streamline justice funding and grant administration, and allows local governments to support a broad range of activities to prevent and control crime based on their own local needs and conditions, and to improve the criminal justice system; and

WHEREAS, the COUNTY, through the Johnson County Sheriff's Office, has coordinated with the law enforcement agencies of the various cities hereunder to obtain information about budget funding disparities amongst the parties and its jurisdictions, and their proposed permissible uses of awarded funds under the JAG Formula Program grant; and

WHEREAS, the parties hereto have determined that it is in the best interests of the public health, safety and welfare to undertake and cooperate in applying for JAG funding under the Recovery Act to further and support the efforts of the COUNTY and the CITIES in preventing or reducing local crime and violence through purchase upgrades for computer systems, police cruisers, video surveillance systems, automatic license recognition systems, and other similar purposes; and

WHEREAS, K.S.A. 12-2908, and amendments thereto, authorize the parties hereto to cooperate in such governmental undertaking; and

WHEREAS, each of the parties hereto have determined to enter into this Agreement for the aforesaid public purpose and undertaking as authorized and provided for by K.S.A. 12-2908, and amendments thereto.

NOW, THEREFORE, in consideration of the above and foregoing recitals, the mutual covenants and agreements herein contained, and for the other good and valuable consideration, the parties hereto agree as follows:

SECTION 1. PURPOSE

A. The COUNTY, and GARDNER, LEAWOOD, LENEXA, MERRIAM, MISSION, OLATHE, OVERLAND PARK, PRAIRIE VILLAGE, ROELAND PARK, and SHAWNEE (hereinafter collectively the "CITIES") hereby agree to join in applying for the JAG disparate jurisdiction joint application award amount of Nine Hundred Twenty Thousand Four Hundred Ninety-Five Dollars (\$920,495.00) from the Office of Justice Programs, U.S. Department of Justice, based on a funding disparity in Johnson County, Kansas as set out at <http://www.ojp.usdoj.gov/BJA/recoveryJAG/reciag/KS.xls>, and to reallocate the hereinabove stated JAG award amongst the parties in those amounts set forth at <http://www.ojp.usdoj.gov/BJA/recoveryJAG/reciag/KS.xls>, for the express purpose of furthering and supporting the efforts of the COUNTY and the CITIES in preventing or reducing local crime and violence through purchase upgrades for computer systems, police cruisers, video surveillance systems, automatic license recognition systems, and other similar purposes.

B. The joint application, attached hereto as **Exhibit A** and incorporated herein by reference, specifies the purposes for which the funds will be used.

C. The COUNTY and CITIES hereby designate the Johnson County Sheriff's Office (the "Sheriff") to serve as the applicant/fiscal agent for the joint funding JAG grant awarded hereunder.

SECTION 2. ADMINISTRATION

A. The CITIES understand and acknowledge that the COUNTY will be the sole recipient of the JAG funds from the OJP to be reallocated and used for the purposes

described under Section 1 of this Agreement. Further, the CITIES and COUNTY understand and acknowledge that all Recovery Act JAG Program awards: (i) are subject to the availability of appropriated funds and any modifications or additional requirements that may be imposed by law; (ii) are made in the first fiscal year of the appropriation and may be expended during the following three (3) years, for a total of four (4) grant period years; (iii) may not be expended outside of the JAG purpose areas; (iv) must be used to supplement existing local funds for program activities and must not replace those funds that have been appropriated for the same purpose; and shall be subject to the provisions and requirements, including certification requirements, of the Recovery Act.

B. The COUNTY shall be responsible, through the Sheriff, for the administration of the funds; monitoring the award; and submitting any reports, including performance measure and program assessment data that may be required in connection with the funding provided by the OJP hereunder. The COUNTY and each of the CITIES agree to cooperate and assist with any such grant related reporting requirements that may be need to performed under this Agreement.

C. The CITIES and COUNTY acknowledge and agree that the COUNTY will receive the total allocation of the \$920,495.00 JAG funding award under the JAG joint application submitted hereunder to be reallocated amongst the parties hereto pursuant to the provisions and requirements of the Recovery Act and this Agreement.

D. Each of the CITIES acknowledges and agrees that any and all records pertaining to the joint application and grant award shall be subject at all reasonable times to inspection, review, or audit by Federal personnel and other personnel duly authorized by the COUNTY as well as Federal personnel. Each of the CITIES assures that all financial records, supporting documentation, statistical records and any and all other records pertinent to the grant award shall be retained by the respective CITIES for at least five (5) years following the end of the grant period.

SECTION 3. GENERAL PROVISIONS

A. Nothing in the performance of this Agreement shall impose any liability for claims against COUNTY other than claims for which liability may be imposed by the Kansas Tort Claims Act.

B. Nothing in the performance of this Agreement shall impose any liability for claims against any of the CITIES other than claims for which liability may be imposed by the Kansas Tort Claims Act.

C. Each party to this Agreement will be responsible for its own actions in providing any services under this Agreement and shall not be liable for any civil liability that may arise from the furnishing of services, if any, by the other parties.

GMS APPLICATION NUMBER: 2009-G6717-KS-SB

D. The parties to this Agreement do not intend for any third party to obtain a right by virtue of this Agreement.

E. This Agreement shall be governed by, enforced and construed in accordance with the laws of the State of Kansas. Further, the COUNTY and CITIES agree to abide by the JAG grant special conditions and certifications, and all applicable federal, state and local statutes, rules, regulations, OMB Circulars and Guidelines, including the provisions of the OJP Financial Guide, which may pertain to the grant award as well as the OJP Recovery Act Additional Requirements found at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

F. By entering into this Agreement, the parties do not intend to create any obligations express or implied other than those set out herein. Further, this Agreement shall not create any rights in any party not a signatory hereto.

G. All agreements, covenants and clauses contained herein are severable, and in the event any of them shall be deemed or held to be unconstitutional, invalid, or unenforceable, the remainder of this Agreement shall be interpreted as if such unconstitutional, invalid or unenforceable agreements, clauses and covenants were not contained herein.

IN WITNESS WHEREOF, the parties hereto have caused the above and foregoing Agreement to be executed by their respective and duly authorized representatives.

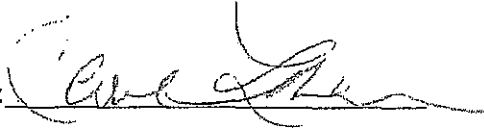
[Signatures of authorized representatives appear on subsequent pages.]

GMS APPLICATION NUMBER:

2009-G6717-KS-SB

CITY OF GARDNER, KANSAS

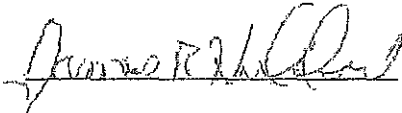
By:



ATTEST:



APPROVED AS TO FORM:

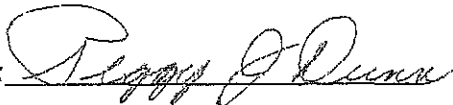


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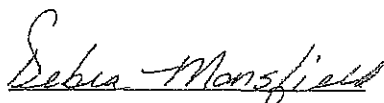
GMS APPLICATION NUMBER:

2009-G6717-KS-SB

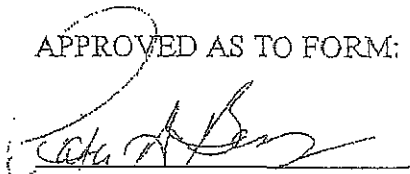
CITY OF LEAWOOD, KANSAS

By: 

ATTEST:



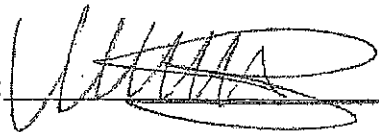
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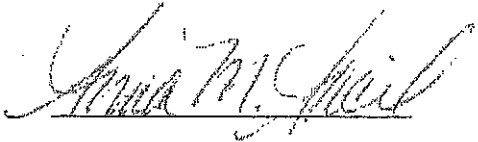
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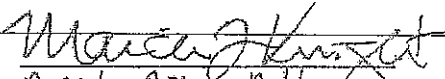
CITY OF LENEXA, KANSAS

By: 

ATTEST:



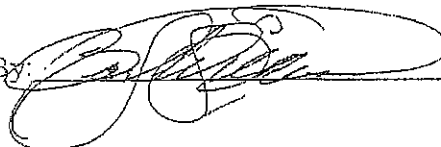
APPROVED AS TO FORM:


Asst. City Atty

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GMS APPLICATION NUMBER: 2009-G6717-KS-SB

CITY OF MERRIAM, KANSAS

By: 

ATTEST:



APPROVED AS TO FORM:



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GMS APPLICATION NUMBER: 2009-G6717-KS-SB

CITY OF MISSION, KANSAS

By: Laura L. McConnell

ATTEST:

Walter Zimmell

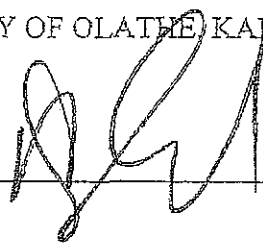
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CITY OF OLATHE, KANSAS

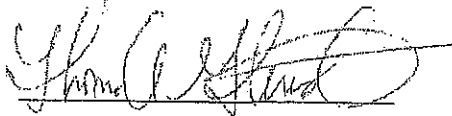
By: _____



ATTEST:

Alicia S. Dragg
5/5/09

APPROVED AS TO FORM:

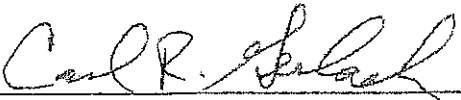


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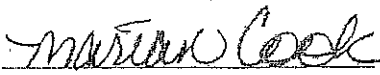
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2009-G6717-KS-SB

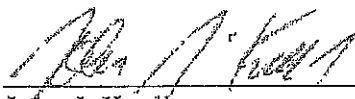
CITY OF OVERLAND PARK, KANSAS

By: 
Carl R. Gerlach
Mayor

ATTEST:


Marian Cook
City Clerk

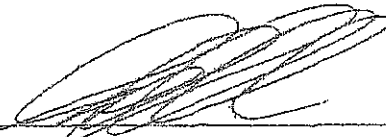
APPROVED AS TO FORM:


John J. Knoll
Assistant City Attorney, Sr.
Police Legal Advisor

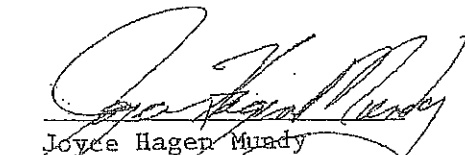
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GMS APPLICATION NUMBER: 2009-G6717-KS-SB

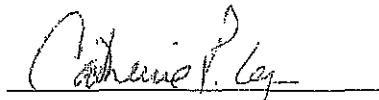
CITY OF PRAIRIE VILLAGE, KANSAS

By: 
Ronald L. Shaffer, Mayor

ATTEST:


Joyce Hagen Murdy
City Clerk

APPROVED AS TO FORM:


Catherine P. Logan
City Attorney

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GMS APPLICATION NUMBER:

2009-G6717-KS-SB

CITY OF ROELAND PARK, KANSAS

By: Adam Frost

ATTEST:

Debra Moog

APPROVED AS TO FORM:

Neil

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program



CITY OF SHAWNEE, KANSAS

By: *[Signature]*

ATTEST:

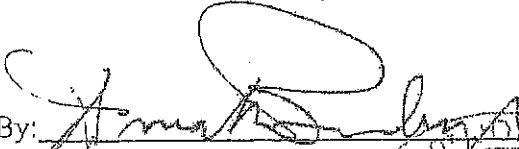
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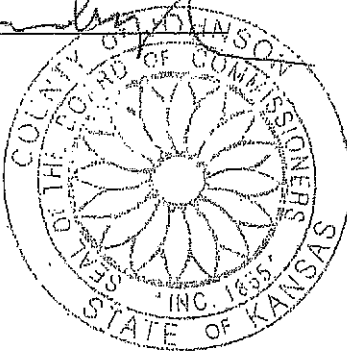
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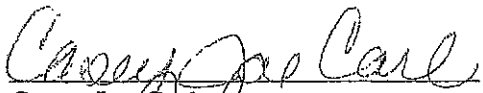
A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

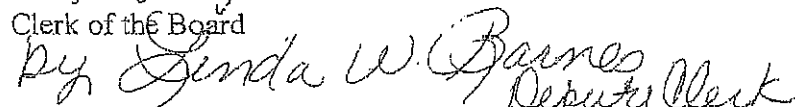
BOARD OF COUNTY COMMISSIONERS
OF JOHNSON COUNTY, KANSAS

By: 
Annabeth Surbaugh
Chairman

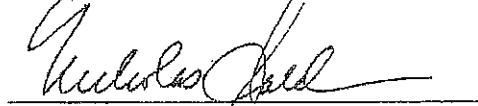


ATTEST:


Casey Joe Carl
Clerk of the Board

By 
Linda W. Barnes
Deputy Clerk

APPROVED AS TO FORM:


Nicholas Saldan
Deputy County Counselor

GMS APPLICATION NUMBER:

2009-G6717-KS-SB

EXHIBIT A

**Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG) Formula
Program: Local Solicitation**

Joint Application

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program
Page 16 of 16

APPLICATION FOR FEDERAL ASSISTANCE		2. DATE SUBMITTED May 14, 2009	Applicant Identifier
1. TYPE OF SUBMISSION Application Non-Construction	3. DATE RECEIVED BY STATE		State Application Identifier
	4. DATE RECEIVED BY FEDERAL AGENCY		Federal Identifier
5. APPLICANT INFORMATION			
Legal Name Johnson County Kansas		Organizational Unit Sheriff's Office	
Address 125 N. Cherry Street OLATHE, Kansas 66061-3443		Name and telephone number of the person to be contacted on matters involving this application Swisher, Carrie (913) 791-5276	
6. EMPLOYER IDENTIFICATION NUMBER (EIN) 48-6034760		7. TYPE OF APPLICANT County	
8. TYPE OF APPLICATION New		9. NAME OF FEDERAL AGENCY Bureau of Justice Assistance	
10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 16.804 CFDA 16.804 - Recovery Act - Justice Assistance Grants - TITLE: Localities		11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT Edward Bryne Memorial Justice Assistance Grant (JAG) Formula Program	
12. AREAS AFFECTED BY PROJECT Johnson County - County Gardner City - Municipal Leawood City - Municipal Lenexa City - Municipal Merriam City - Municipal Mission City - Municipal Olathe City - Municipal Prairie Village - Municipal Roeland Park City - Municipal Shawnee City - Municipal Overland Park City - Municipal			
13. PROPOSED PROJECT Start Date: July 18, 2009 End Date: July 17, 2013		14. CONGRESSIONAL DISTRICTS OF a. Applicant b. Project KS03	
15. ESTIMATED FUNDING		16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?	
Federal	\$920,495	Program has not been selected by state for review	
Applicant	\$0		
State	\$0		
Local	\$0		

Other	\$0	17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT? N
Program Income	\$0	
TOTAL	\$920,495	

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS REQUIRED.

Close Window

PROGRAM NARRATIVES

The Johnson County Sheriff's Office is applying for \$920,495 in grant funds through the Bureau of Justice Assistance Edward Byrne Memorial Justice Assistance Grant Program. The Johnson County Sheriff's Office will assume the role of fiscal agent for purposes of this coordinated grant and will administer the financial and programmatic requirements. Because the grant specifies that a single joint application must be filed, the Johnson County Sheriff's Office will also be applying on behalf of the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee. A Memorandum of Understanding (MOU) among the eligible cities and Johnson County has been collected from and signed by each participating city and the County.

Component 1 (\$66,505): Johnson County Sheriff's Office Video Arraignment and Digital Voice Recording Equipment

The Johnson County Sheriff's Office will purchase three video conferencing systems and one digital audio recording system with the proceeds from this grant. This will enable Johnson County to replace aging and failing video equipment with updated equipment in two courtrooms and one jail location. This will also establish the ability to produce audio recordings in one other courtroom which currently does not have this capability. Integrating new video arraignment and digital recording equipment into the courts provides better utilization not only of courthouse staff but also of Sheriff's Officers, as well. This in turn helps maintain public safety at the high standards already existing in Johnson County.

~~The bid prices listed in the budget are based on estimates from the South Kansas City~~
~~Communication Products Company (SKC). SKC is a privately held corporation headquartered in~~
~~Kansas City, with offices in Chicago, Minneapolis, Columbus (OH), Des Moines, Omaha, St.~~
~~Louis, Louisville, Tulsa, Oklahoma City, Dallas and Houston. SKC specializes in the Tandberg~~
~~video arraignment equipment currently in use in the district courthouse and is an authorized~~
~~reseller and service provider for the equipment requested in this grant. Bid prices for the digital~~
~~audio recording equipment are from Smith Audio Visual, Inc. of Topeka, Kansas. This firm~~
~~specializes in professional sound installation, presentation, digital surveillance and controlled~~
~~access systems and has provided other audio surveillance equipment for Johnson County's public~~
~~safety applications.~~

Component 1 Time Line

The Time line proposal is as follows:

In year one July 1, 2009 – December 31, 2010

PROGRAM NARRATIVES

- 1) **30 days after grant award:** Bids will be requested for Tandberg video arraignment equipment/ digital voice recording equipment purchase
- 2) **90 days after grant award:** Video arraignment equipment/digital voice recording equipment will be purchased through the Sheriff's Office Purchasing Unit
- 3) **120 days after grant award:** The equipment will be installed by JIMS Computer Unit

Years July 1, 2009 –January 1, 2013

- 1) All video arraignment and digital voice recording equipment is operational, which allows for more efficient running of the district courts

Component 1 Performance Measures

The Sheriff, or his designee, will be responsible for project monitoring and evaluation. The first priority is to procure the equipment. The Sheriff's Office is currently developing bid documents that can be sent out upon award of the grant. All equipment purchases have been authorized and approved by the Sheriff of Johnson County.

The Sheriff, or his designee, will monitor the project to ensure the following goals will be met:

1. Purchase of the video arraignment and digital audio recording equipment and distribution ~~of the equipment to the JIMS unit~~

2. Installation of the equipment by the JIMS unit
3. Successful testing of the equipment to ensure it is fully operational as intended

Component 2 (\$35,250): Gardner Department of Public Safety Narrow Band Radio Equipment

The Gardner Public Safety Department proposes to purchase seven Motorola 700 MHz mobile radios, seven Motorola XTS 1500 portable radios and one Motorola Impres six-bank multi-unit charger. By making this purchase the impact to the department will allow us to reduce the expenditures from our already rigid operating budget due to the declining economy. In addition the department can continue to utilize the police dispatch services from the Johnson County Sheriff's Department.

PROGRAM NARRATIVES

The intended purchase of the radios will be using the established Kansas State purchasing contract with Motorola, Inc. providing us the best possible pricing for the radios needed. The ordering of equipment will have an economic impact in Kansas in the areas of sales and shipping. Since Motorola is a global company, it is undetermined as to whether the radio equipment will be manufactured in whole or in part within the United States.

Component 2 Time Line

The time line proposal as follows:

In year one July 1, 2009 - December 31, 2010

- 1) The Gardner Department of Public Safety Administrative Captain must authorize and approve radio equipment to be purchased
- 2) Radio equipment will be ordered and received

Years July 1, 2009 – January 1, 2013

- 1) All Gardner Department of Public Safety radio equipment is operational which provides enhanced radio system operation and functionality

Component 2 Performance Measures

The Gardner Department of Public Safety Administrative Captain will be responsible for project monitoring and evaluation. Activities to evaluate improvements to local and regional interoperability include coverage area, in-building coverage, and future expansion capabilities.

Component 3 (\$31,960) Leawood Police Department Narrow Band Radio Equipment

The City of Leawood Police Department will purchase ten portable Motorola 700 MHz radios with the proceeds from this grant. This will allow the Leawood Police Department to come into compliance with the upcoming Johnson County interoperable radio system change. The new radio system will make Leawood Police Department communications more efficient by providing more reliable and complete radio coverage in Leawood as well as with neighboring cities.

The requested funding will assist the department in purchasing a portion of the portable radios and related accessories necessary to reach its ultimate goal of eventually equipping all officers with 700MHz portable radios. The Leawood Police Department plans to purchase ten portable radios for police use with the available Edward Byrne grant money.

The intended purchase of the radios will be using the established Kansas State purchasing contract with Motorola, Inc. providing us the best possible pricing for the radios needed. The

PROGRAM NARRATIVES

ordering of equipment will have an economic impact in Kansas in the areas of sales and shipping. Since Motorola is a global company, it is undetermined as to whether the radio equipment will be manufactured in whole or in part within the United States.

Component 3 Time Line

The time line proposal as follows:

In year one July 1, 2009 - December 31, 2010

- 1) The Leawood Police Chief must authorize and approve radio equipment to be purchased
- 2) Radio equipment will be ordered and received

Years July 1, 2009 – January 1, 2013

- 1) All Leawood radio equipment is operational which provides enhanced radio system operation and functionality

Component 3 Performance Measures

The Leawood Police Chief will be responsible for project monitoring and evaluation. Activities to evaluate improvements to local and regional interoperability include coverage area, in-building coverage, and future expansion capabilities.

~~Component 4 (\$60,630) Lenexa Police Department Technology Based Programs~~

As a means to continue to be proactive and responsive to the needs of the community and enhance our intelligent policing efforts we are requesting funds for several technology based programs: (A) Automatic License Plate Readers (B) Photograph Evidence Storage and Audit Tracking (C) Personal Portable Video Camera. These purchases will allow the Lenexa Police Department to remain proactive and responsive to the needs of the community and enhance the intelligence policing efforts.

The **Automatic License Plate Reader (LPR)** from ELSAG North America is made in the United States of America and their local distributor is located in Olathe, Johnson County Kansas. The sharing and collection of data will assist officers and investigators in multiple jurisdictions to solve crime and identify potential threats. The **Photograph Evidence Storage and Audit Tracking** software is also based and manufactured in the United States. This Photo Evidence Project will allow us to track the dissemination of our digital images and it also provides a searchable database. This tracking and audit log is important to chain of custody and veracity issues for court proceedings. The **VieVu Personal Portable Video Camera** is also a United States based company. The VieVu cameras will allow our bicycle

PROGRAM NARRATIVES

patrol officers, motorcycle officers and officers in plain clothes assignments to wear a video camera on their person to capture citizen contacts and to record evidentiary information.

Component 4 Time Line

The time line proposal is as follows:

In year one July 1, 2009 – December 31, 2010

- 1) The draw down on funds will occur within 90 days of the grant award notification with the exception of the service plan on the License Plate Readers, which will occur over the life of the draw down period

Component 4 Performance Measures

The Lenexa Chief of Police will be responsible for project monitoring and evaluation. Activities to evaluate improvements to local and regional interoperability include coverage area, in-building coverage, and future expansion capabilities.

Component 5 (\$23,735) Mission Police Department CITRIX Software Program

The Mission Police Department is seeking grant funding assistance from the monies allocated to this department under Edward Byrne Memorial Grant. We ask for the U.S. Department of Justice, under the provisions of this Byrne JAG grant, to fund the conversion of our computer server environment to a "CITRIX" electronic platform. By funding this initiative, the Mission Police Department will provide a more efficient technological environment for all employees, allowing them access to the server and all local file applications.

The proposed computer server appliances are produced in the United States, ensuring manufacturing and assembly jobs at their domestic factories. The licenses requested are produced from a company in Seattle, Washington and will also ensure retention of jobs at that American company. The installation of these servers and software will also require the work of several computer engineers, which will serve to strengthen their employment.

Component 5 Time Line

The time line proposal is as follows:

In year one July 1, 2009 – December 31, 2010

PROGRAM NARRATIVES

- 1) The Mission Deputy Chief of Police must authorize and approve equipment to be purchased
- 2) Equipment will be ordered and purchased
- 3) Programming and set-up of new applications on all desktop and mobile computers

Years July 1, 2009 – January 1, 2013

- 1) All Mission Police Department software purchased is operational

Component 5 Performance Measures

The Deputy Chief of Police will be primarily responsible for overseeing this grant initiative, and ensuring all the performance measures are met. Bids for the hardware and software licensing applications have already been secured, and once the project is approved, the orders are ready for fulfillment.

The goals of this project shall be successfully satisfied when the new servers are installed and all users are able to connect to the Citrix server, including connections from the individual desktops, mobile data computers in the patrol cars, and from off-site remote access applications.

Component 6 (\$34,075) Merriam Police Department Coplogic Desk Officer Online Reporting System and Personal Recording Devices

~~The Merriam Police Department intends to use the grant funds from the Edward Byrne Memorial Justice Assistance Grant (JAG) to implement the Coplogic Desk Officer Online Reporting System. This system will allow citizens to report minor crimes online without the need to send an officer on the call. The Coplogic system will interface with our agencies current "I-Leads Record Management System." This will allow officers to focus on crime prevention and patrol duties.~~

The Merriam Police Department also intends to use the grant funds from the Edward Byrne Memorial Justice Assistance Grant (JAG) to improve officer safety and evidence gathering with the use of body worn VieVu personal video recorders. Nearly everything that the officer sees and hears can be documented leaving nothing up for debate when wearing a body worn patrol camera system. It can be used to document interviews, reading Miranda rights and SWAT operations. It will also be useful to document citizen contacts when the officer is out of range of the in car camera system. The camera is positioned so that both the officer's and camera's line of sight are the same, so what the officers see the camera will record.

PROGRAM NARRATIVES

Both the Coplogic Desk Officer Online Reporting System and the VieVu personal video recorders are owned by companies who are based in the United States. The sales and service of this equipment are also based in the United States.

Component 6 Time Line

The time line proposal is as follows:

In year one July 31, 2009 – June 30, 2010

- 1) The Merriam Police Department Administrative Lieutenant will authorize and approve all bids and contracts to purchase equipment
- 2) Equipment will be purchased and received
- 3) The Merriam Police Department's Coplogic Desk Officer Online Reporting System will be online, and all VieVu personal recording devices will be in use
- 4) Tracking system will be implemented and records kept to track man hour and dollar savings, video used as evidence

Component 6 Performance Measures

The Chief of Police will be responsible for presentation to the City Council. The Administrative Lieutenant will supervise installation and purchase. Coplogic, Inc. will install the required system components. The Administrative Lieutenant will be responsible for tracking the man hour and dollar savings.

The performance indicator is cost savings as a result of new systems implemented. The purpose of this outcome indicator is to measure program cost savings in man hours and cost savings in dollars. It is appropriate for all purpose areas that provide direct service and are able to realize a cost savings as a result of implementing new systems. This cost savings will help the Merriam Police Department with its efforts to provide the level of service necessary and avoid the need to reduce the number of certified officers.

Component 7 (\$295,395): Olathe Police Department Narrow Band Radio Equipment

The City of Olathe is proposing use of the FY09 Edward Byrne Memorial (JAG) Grant funds to purchase new 700MHz radio system equipment that would allow their dispatching center to communicate directly with other major multi-jurisdictional emergency centers for all first responders relying on critical communications for coordinating day-to-day emergency service. The equipment allows for future expansion as a homeland security investment for

PROGRAM NARRATIVES

interoperability communications which has been identified both regionally and nationally as a high priority.

The City of Olathe will purchase radio equipment using the established Kansas State purchasing contract with Motorola, Inc. The ordering of equipment will have an economic impact in Kansas in the areas of sales and shipping. Since Motorola is a global company it is undetermined as to whether the radio equipment will be manufactured in whole or in part within the United States.

Component 7 Time Line

The time line proposal is as follows:

In year one July 1, 2009 - December 31, 2010

- 1) Olathe City Council must authorize and approve radio equipment to be purchase
- 2) Radio equipment will be ordered and received

Years July 1, 2009 - January 1, 2013

- 1) All Olathe Police Department radio equipment is operational which provides enhanced radio system operation and functionality

Component 7 Performance Measures

~~The Olathe Police Department Administrative Division Manager will be responsible for project monitoring and evaluation. Activities include evaluate improvements to local and regional interoperability, coverage area, in-building coverage, and future expansion capabilities.~~

Component 8 (\$16,450): Prairie Village Police Department Computer Voice Stress Analyzer and Tactical Entry Vests

The City of Prairie Village Police Department is proposing use of the FY09 Edward Byrne Memorial (JAG) Grant funds to purchase a new Computer Voice Stress Analyzer and training to operate the equipment as well as tactical entry vests. Currently the office must schedule polygraph examinations with an outside source which has caused delays in the department's hiring process and detectives must rely on an outside agency to conduct interviews with a computer voice stress analyzer which can cause delays during investigations. Purchasing the Computer Voice Stress Analyzer will fill two requirements within the agency which now relies on outside sources. The National Institute of Truth Verification (NITV) manufactures and installs the software in the United States. Orders such as this will help maintain the trained workforce at the National Institute for Truth and Verification. The training will be conducted

PROGRAM NARRATIVES

regionally which will require lodging and meals therefore maintaining jobs in the service industry.

Additionally, the department will use the remaining grant funds and supplemental funds from their "Asset Forfeiture Account" to purchase five tactical entry vests for the CIRT (Critical Incident Response Team). The CIRT assists with high risk drug related search warrants, arrest warrants, and buy/bust drug arrests and is responsible for responding to any active shooter, hostage situation, or other high risk situations. At the present time CIRT members use their department issued body armor which does not conform to the current tactical requirements and does not afford members with the necessary protection when involved with high risk situations. The purchase of five tactical entry vests for CIRT members will provide necessary protection to officers and will reduce the potential for injuries of CIRT members. The MSA Releasable Modular tactical vests are manufactured in the United States and the purchase will maintain the workforce at the MSA factory.

Component 8 Time Line

The time line proposal is as follows:

60 Days following acceptance of bid:

1) Will obtain bids for Computer Voice Stress Analyzer and tactical vests from vendors to receive the best possible price

90 – 120 days following acceptance of bid:

-
- 1) Equipment will be ordered and implementation plan developed
 - 2) Track equipment usage and maintenance costs on Computer Voice Stress Analyzer
 - 3) Track the number of times CIRT members are deployed using the tactical vests

Component 8 Performance Measures

The Prairie Village Police Department, Chief of Police, or designee will be responsible for project monitoring and evaluations. Activities will include evaluating the number of instances the Computer Voice Stress Analyzer is used and compare it to the number of times outside sources were used in the previous three years. In the case of CIRT members, the number of events for deployment will be tracked and recorded for any injuries prevented as a result of the use of the equipment in the next three years.

Component 9 (\$14,335): Roeland Park Police Department Raydian LED Light bars and emergency identification vehicle equipment

PROGRAM NARRATIVES

The City of Roeland Park Police Department is proposing use of the FY09 Edward Byrne Memorial (JAG) Grant funds to purchase five new Raydian LED Light bars and other related emergency vehicle equipment (sirens, PA and light control box and installation).

The current light bars are over 10 years old and are creating a drain on the department budget due to the high cost of repairs. Additionally, motors and gears can freeze up during poor weather conditions creating a hazard for both officers and citizens alike.

The purchase of the light bars will outfit 5 vehicles and enable the department to save money on repairs and replacement items that are worn due to the age of the light bar equipment currently in use.

Installation of light bars will be through a local service company whereby supporting the service industry and shipping of equipment will be through the United States utilizing standard shipping processes and securing employment through this process.

Component 9 Time Line

The time line proposal is as follows:

June 2009 or within 30 days following acceptance of award

- 1) Will obtain bids for light bars and miscellaneous vehicle emergency equipment

June 30, 2009 or after bid is awarded for light bars and equipment

- ~~1) Light bars will be ordered and installation plan developed~~

July 31, 2009 – June 30, 2010

- 1) Installation of equipment on vehicles

Component 9 Performance Measures

The Roeland Park Police Department, Chief of Police will be responsible for project monitoring and evaluations. A record tracking systems will be established to track maintenance costs and monitor savings.

Component 10 (\$74,965): Shawnee Mission Police Department Digital In-car Video/Audio Recording System

The City of Shawnee Police Department is proposing use of the FY09 Edward Byrne Memorial (JAG) Grant funds to purchase fifteen digital in-car video/audio recording systems in their

PROGRAM NARRATIVES

existing patrol fleet. The use of current recording systems in patrol fleet vehicles is obsolete due to aging equipment and advancing technology in the field of in-car audio/video recording systems. As current technology advances digital storage for media based systems are on the rise allowing for server based storage processes whereby removing the dependency of storage areas dedicated to housing VHS recording files.

The need for new in-car recording systems is such that the department budgeted in 2009 with replacing 24 of their 39 fleet vehicles and will supplement \$29,000 from their public safety equipment fund to cover the server based storage system.

The FY09 Edward Byrne Memorial (JAG) Grant funds will supplement the budget for 2009 and allow and additional purchases of fifteen in-car video/audio recording systems and a server based digital media storage and retrieval/archiving system. The primary goal of this grant project would be to improve the evidence management system of the Shawnee Police Department emergency vehicles by reducing maintenance costs of the old VHS system and increase efficiency to serve the public in addition to providing sales and service for the companies involved in the purchase and product installation.

In keeping with the economic stimulus, the in-car audio/video equipment company is based in Boonton, NJ and made in the USA. Installation of equipment will be sought from a local company in Olathe Kansas.

Component 10 Time Line

The time line proposal is as follows:

June 15, 2009 - obtain vendor quote for equipment purchase

July 1, 2009 - Submit purchase request for digital in-car video system

December 31, 2009 - Install digital video system in fleet vehicles

Component 10 Performance Measures

The Shawnee Police Department, Chief of Police will monitor and evaluate to determine the success of the project.

Component 11 (\$267,195): Overland Park Police Department Low Emission hybrid Vehicles

The City of Overland Park Police Department will use their allocation of FY09 Edward Byrne Memorial (JAG) Grant funds to purchase fifteen low emission hybrid vehicles for law enforcement personnel with additional funds supplemented from a grant for \$48,000 and a match

PROGRAM NARRATIVES

from Overland Park for \$12,000. In addition to the hybrid vehicles, 4 light bars and installation sets will be purchased [low-profile emergency light packages with corner strobes and L.E.D. lights] and installed on the front and rear decks of the vehicles.

As the current patrol fleet ages and reaches 100,000 the vehicles are placed in secondary areas such as Investigations, D.A.R.E., or School Resource Officer program. These vehicles continue to increase in mileage and maintenance. Despite efforts to maintain the fleet to the highest standards these vehicles will produce increasingly higher emissions and get lower MPG ratings as they age in secondary assignments.

With the purchase of the low emission hybrid vehicles, we should experience an increase in fuel economy by 3-4 times over our current ratio, which will help reduce America's reliance on fossil fuels, lower our maintenance costs and provide additional "green" benefits for the environment.

Component 11 Time Line

The time line proposal is as follows:

60 – 90 days after award of grant: begin work for bid proposals for hybrid vehicles

90-180 days after bid award: place orders for 6 low emission hybrid vehicles and order light bars and additional vehicle equipment

30-45 days after receipt of vehicles: install light bars and emergency equipment on vehicles

60-90 days before December 2010: begin installation of light bars and additional vehicle equipment

Before January 2011 order remaining (9) low emission hybrid vehicles

Component 11 Performance Measures

Deputy Chief of Police, Steve Smith will be responsible for project monitoring and evaluation. The Fleet Operations & Civilian Support Services, Frank Hendricks, Manager, will be responsible for supervising the tracking of fuel and maintenance cost savings for the hybrid vehicles. The cost of vehicle maintenance will be compared with previous vehicle expenditures.

The project goals will be met when all Overland Park Police Department hybrid vehicles are in use and the vehicle maintenance costs are compared with previous vehicle expenditures.

BUDGET NARRATIVES

Component 1 (\$66,505.00): Johnson County Sheriff's Office Video Arraignment and Digital Voice Recording Equipment

The equipment will allow for upgrading and updating of failing equipment. The purchase of this equipment will also enable the courts to expedite the justice process by continuing to utilize video court appearances rather than transporting every inmate in custody to court for the first appearance dockets. By updating and integrating new equipment in the Johnson County justice system, the courts and the Sheriff's Office can more efficiently and effectively serve the community.

The Sheriff's Office also proposes to purchase new digital audio recording equipment for one additional district courtroom. The purchase of this new digital audio recording technology will enable the courtroom to record the proceedings and produce verbatim records for use in any future appeals or related court proceedings.

Additionally, by integrating new video arraignment and digital recording equipment into the courts, this provides better utilization not only of courthouse staff but also of Sheriff's Officers, as well. This in turn helps maintain public safety at the high standards already existing in Johnson County.

The equipment project is described as:

- 2 -video conferencing system, signal and audio processing and equipment rack- \$36,012
- Video conferencing system, signal and audio processing and equipment rack- \$7,986
- Digital audio recording equipment, mixer, controller and display- \$16,621
- ~~Computer for audio recording system- \$1,851~~
- Maintenance agreement for video arraignment equipment-1 year-\$4,035

BUDGET

Item	Purpose	Location	Computation	Request
Video Conferencing System, Signal and Audio Processing and Equipment rack	Update video arraignment technology	Johnson County District Courthouse	\$18,006 x 2	\$36,012
Video Conferencing System, Signal and Audio Processing and Equipment rack	Update video arraignment technology	Johnson County Jail	\$7,986 x 1	\$7,986
Maintenance Agreement for video arraignment equipment- 1yr warranty	Equipment warranty and maintenance	Johnson County District Courthouse	\$1,345 x 3	\$4,035

BUDGET NARRATIVES

Digital audio recording equipment, mixer, controller and display	New technology for one magistrate court	Johnson County District Courthouse	\$16,621 x 1	\$16,621
Computer for audio recording system	Computer to operate audio recording system	Johnson County District Courthouse	\$1,851	\$1,851
Total Request				\$66,505

Component 2 (\$35,250) Gardner Department of Public Safety Narrow Band Radio Equipment

The equipment is needed to meet the FCC mandated narrow-banding for all radio systems by 2013. Currently most agencies must communicate indirectly through their own dispatching centers to contact each other. Equipment is needed to provide better overall communication capabilities than currently exists for the Gardner Department of Public Safety. The ability for first response teams to easily communicate with each other is critically important, on a daily basis, as well as during a major multi-jurisdictional emergency.

The equipment project is described as:

- 7-Motorola 700 MHz Mobile Radio
- 7- Motorola XTS 1500 Portable Radio
- Motorola Impres six pocket multi-unit charger.

BUDGET

QTY	MODEL	UNIT COST	TOTAL
7	Motorola 700 MHz Mobile Radio	\$3,201.55	\$22,410.85
7	Motorola XTS 1500 Portable Radio	\$1,730.12	\$12,110.84
1	Motorola Impres six pocket multi-unit charger.	\$642.22	\$642.22
Total Expenditures:			\$35,163.91

BUDGET NARRATIVES

Component 3 (\$31,960) Leawood Police Department Narrow Band Radio Equipment

The equipment is needed to meet the FCC mandated narrow-banding for all radio systems by 2013. Currently most agencies must communicate indirectly through their own dispatching centers to contact each other. Equipment is needed to provide better overall communication capabilities than currently exists for the Leawood Police Department. The ability for first response teams to easily communicate with each other is critically important, on a daily basis, as well as during a major multi-jurisdictional emergency.

The equipment project is described as:

- 10- Motorola 700 MHz digital portable radio- \$11,237.50
- 10- Q674-P25 trunking capability- \$12,143.80
- 10- Q947- Integrated Voice and Data- \$1450.00
- 10- G996-POP25 over the air programming (requires IV&D)- \$725.00
- 10- ADP encryption- \$72.50
- 10- Programming-\$428.60
- 10- Caller ID Display- \$543.80
- 59 -Higher Capacity Battery- \$2,010.72
- 10- Remote Speaker Microphone w emergency button - \$1,200.00
- 10- Leather Carrying Case- \$489.00
- 10- Single Unit Charger- \$815.00
- 10- Extended Warranty (totaling 3 years)- \$840.00

BUDGET

Name / Item description	Purpose	Location	Computation	Request
Motorola 700 MHz digital portable radio	Improve Communication	City of Leawood	\$1123.75 x 10	\$11,237.50
Q674-P25 trunking capability	Improve Communication	City of Leawood	\$1214.38 x 10	\$12,143.80
Q947- Integrated Voice and Data	Improve Communication	City of Leawood	\$145.00 x 10	\$1450.00
G996-POP25 over the air programming (requires IV&D)	Improve Communication	City of Leawood	\$72.50 x 10	\$725.00
ADP encryption	Improve Communication	City of Leawood	\$7.25 x 10	\$72.50
Programming	Improve Communication	City of Leawood	\$42.86 x 10	\$428.60
Caller ID Display	Improve Communication	City of Leawood	\$54.38 x 10	\$543.80
Higher Capacity Battery	Improve Communication	City of Leawood	\$34.08 x 59	\$2010.72
Remote Speaker Microphone w emergency button	Improve Communication	City of Leawood	\$120.00 x 10	\$1200.00
Leather Carrying Case	Improve	City of	\$48.90 x 10	\$489.00

BUDGET NARRATIVES

Single Unit Charger	Communication Improve Communication	Leawood City of Leawood	\$81.50 x 10	\$815.00
Extended Warranty (totaling 3 years)	Improve Communication	City of Leawood	\$84.00 x 10	\$840.00
Total Request				\$31,955.92

Component 4 (\$60,630) Lenexa Police Department Technology Based Programs

The projects as outlined include: (A) Automatic License Plate Readers (B) Photograph Evidence Storage and Audit Tracking (C) Personal Portable Video Camera.

Our overall goal in implementing the technology based projects within the Lenexa Police Department is to continue to be proactive and responsive to the needs of the community and enhance our intelligent policing efforts. Each project has a significant impact on efficiency and accountability within the department. In each project several overall strategies will be implemented and tracked. Quarterly financial and programmatic reporting to include the implementation process and outcomes for each project will be submitted according to the Recovery Act.

The equipment project is described as:

- 2- Mobile License Plate Readers - Includes LPR Processor, 6 cameras (3 colors and 3 infrared LPR in three enclosures), cables and related software. In a transportable ruggedized electronic suitcase- \$39,950.00
- 2 -Operations Center License designed to coordinate multiple fixed and mobile units across- \$1,950.00
- 4 years of service plan- \$6,285.00
- 1- Photo Evidence Pro Software-\$1,500.00
- 1- Color Laser Jet Printer- \$700.00
- 17 -USB 2.0 Multi-card Reader- \$125.00
- 1- miSAN D 4TB Server and Maintenance Agreement-\$7,405.48
- 6 -VieVU Personal Video Cameras-\$2,700.00

Budget

Qty	DESCRIPTION	Each	Extended
	Automatic License Plate Reader		
2	<u>MPX-900X3</u> Mobile License Plate Reader - Includes LPR Processor, 6 cameras (3 colors and 3 infrared LPR in three enclosures), cables and related software. In a transportable ruggedized portable suitcase.	\$19,975.00	\$39,950.00

BUDGET NARRATIVES

2	<u>MPH-900 OPC</u> Operations Center License designed to coordinate multiple fixed and mobile units across.	\$975.00	\$1,950.00
	Service Plan Year 1	0	0
	Service Plan Year 2	\$1,047.50	\$2,095.00
	Service Plan Year 3	\$1,047.50	\$2,095.00
	Service Plan Year 4	\$1,047.50	\$2,095.00
	<i>Total for LPR</i>		\$48,185.00
Photograph Evidence Storage and Audit Tracking Project			
1	Photo Evidence Pro Software	\$1,500.00	\$1,500.00
1	Color Laser Jet Printer	\$700.00	\$700.00
17	USB 2.0 Multi Card Reader	\$7.35	\$124.95
1	miSAN D 4TB Server and Maintenance Agreement	\$7,405.48	\$7405.48
	<i>Total for Photo Evidence</i>		\$9,730.48
	<i>Total LPR & Photo Evidence</i>		\$57915.48
Personal Portable Video Camera Project			
6	VieVU Personal Video Cameras	\$450.00	\$2,700.00
	<i>Total for Personal Video Cameras</i>		\$2,700.00
	Total for all projects		\$60,615.48

Component 5 (\$23,735) Mission Police Department CITRIX Software Program

By funding this initiative, the Mission Police Department will provide a more efficient technological environment for all employees, allowing them access to the server and all local file applications. When working off-site, employees may work more efficiently and enjoy better productivity by having access to their individual computer desktop. The increase in time productivity will serve to fortify their job positions. The new software will also allow police officers to log into the server from the laptops in their patrol cars, making them more efficient.

The proposed computer servers are produced in the United States, ensuring manufacturing and assembly jobs at their domestic factories. The licenses requested are produced from a company in Seattle, Washington and will also ensure retention of jobs at that American company. The installation of these servers and software will also require the work of several computer engineers, which will serve to strengthen their employment.

The equipment project is described as:

- IBM Primary Citrix Server- \$10,904.16
- 1 - IBM Secondary Citrix Server- \$4,207.06
- 25- Government open licenses- \$1,625.00
- 2 -Window server licenses- \$1,158.00

BUDGET NARRATIVES

- 25- Citrix Presentation licenses- \$6,950.00
- Supplemental funds- [1,109.22]

BUDGET

Citrix Project Pricing Proposal				
Description	Purpose	Location	Pricing	Request
IBM Primary Citrix Server	New server	City of Mission	\$10,904.16	\$10,904.16
IBM Secondary Citrix Server	Redundant server to act as back-up	City of Mission	\$4,207.06	\$4,207.06
(25) Government Open Licenses	Client Access Licenses	City of Mission	25 x \$65.00	\$1625.00
Windows Server Licenses	Standard Microsoft licenses for servers	City of Mission	2 x \$579.00	\$1158.00
(25) Citrix Presentation Licenses	Concurrent licenses to run Citrix on individual computers	City of Mission	25 x \$278.00	\$6950.00
Funding from General Funds				[1,109.22]
Total Project				\$23,735.00

~~Component 6 (\$34,075) Merriam Police Department Coplogic Desk Officer Online Reporting System and Personal Recording Devices~~

The equipment is needed to improve services to the citizens of Merriam by allowing them to report minor crimes online. This will allow officers more time for active criminal patrol and crime prevention activities.

The purchase of the personal recording devices will improve officer safety and evidence collection during citizen contacts. This will give officers a better information gathering tool, which will improve successful prosecution.

The Coplogic Desk Officer Online Reporting System is designed in California by Coplogic Inc., with support staff for their products located throughout the United States.

This equipment project is described as:

- Coplogic Desk Officer Online Reporting System and 4 years maintenance warranty- \$19,800
- 4 year maintenance agreement- \$10,230.00
- Body worn video recorders- \$4,045.00

BUDGET NARRATIVES

BUDGET A

Item with Description	Purpose	Location, if applicable	Computation	Request
Purchase Coplogic Desk Officer Online Reporting System	Improved crime reporting.	City of Merriam	\$19,800.00	\$19,800.00
Year Two Maintenance Agreement	Improved crime reporting.	City of Merriam	\$3,300.00	\$3,300.00
Year Three Maintenance Agreement	Improved crime reporting.	City of Merriam	\$3,465.00	\$3,465.00
Year Four Maintenance Agreement	Improved crime reporting.	City of Merriam	\$3,465.00	\$3,465.00
Purchase body worn video recorders	Improved officer safety and evidence collection	City of Merriam	4.5 x \$899.00	\$4,045.00
Supplemental Funds from Asset Forfeiture Account	Purchase remaining portion of the fifth body worn video recorder	City of Merriam	\$899.00 x .5 = \$450.00	\$0
Combined Project Request Total				\$34,075.00

Component 7 (\$295,395) Olathe Police Department Narrow Band Radio Equipment

The equipment is needed to meet the FCC mandated narrow-banding for all radio systems by 2013. As the City of Olathe currently operates on a joint Olathe-Lenexa-Shawnee UHF radio system the variety of radio bands has resulted in an overall infrastructure not fostering effective intercommunications. Currently most agencies must communicate indirectly through their own dispatching centers to contact each other.

The purchase of the 700MHz radio system equipment will provide better overall communication capabilities than currently exists for Olathe. The ability for first response teams to easily communicate with each other is critically important, on a daily basis, as well as during a major multi-jurisdictional emergency.

This equipment project is described as:

- Supplemental funding- [\$979.26]
- 700MHz radio system equipment

BUDGET NARRATIVES

- Portable XTS limited keypad [Model II] with encryption-\$277,313.40
 - Programming - \$3,343.08
 - Swivel carrying case - \$3,814.20
 - Desk Charger - \$6,357
 - Intrinsic Speaker Mic - \$5,546.58

BUDGET

Name /Position or Item With Description	Purpose	Location, if applicable	Computation	Request
Purchase of 700MHz radio system equipment	Improved Interoperable Communication	City of Olathe	\$3,799.67 X 78	\$293,374.26
Supplemental funding				[\$979.26]
Total Request				\$296,374.26

Component 8 (\$16,450) Prairie Village Police Department Computer Voice Stress Analyzer and Tactical Entry Vests

Equipment and training is needed to reduce the outsourcing of polygraph testing and voice stress analyzing for hiring and investigation situations. This equipment may reduce backlogs in the hiring process and expedite investigation cases when they rely on voice stress analyzing.

Office safety is critical and purchasing tactical vests for CIRT members will provide them with the safety that their current body armor may not provide when placed in a critical incident situation.

This equipment project is described as:

- Computer Voice Stress Analyzer - \$8,895
- Maintenance agreement for equipment - \$ 300
- Lodging, meals for training (2) detectives - \$2120
- Tactical Vests (5 vests) - \$5,135
- Supplemental funds (for vests) from Asset Forfeiture - \$1085

BUDGET NARRATIVES

BUDGET

Name /Position or Item With Description	Purpose	Location, if applicable	Computation	Request
Purchase of Computer Voice Stress Analyzer	Improved investigations and hiring	City of Prairie Village	\$ 8,895 X 1	\$8,895
Maintenance agreement for equipment	Maintaining operability of equipment	City of Prairie Village	\$ 300 X 1	\$300
Lodging and meals associated with training two (2) detectives	Training to operate the Computer Voice Stress Analyzer	Regional	\$1,060 X 2	\$2,120
Purchase of tactical vests	Equipment for CIRT members (5 ballistic vests)	City of Prairie Village	\$1,244 X 5	\$6,220
Supplemental funds from Asset Forfeiture Account				[\$1,085]
Total Request				\$16,450

Component 9 (\$14,335) Roeland Park Police Department Raydian LED Light Bars

Light bar and related emergency identification equipment is planned in order to reduce the cost of repairs and possible malfunction of equipment in emergency situation. For improvements to emergency lighting the department suggests the purchase of Raydian LED light bars, sirens, PAs and light control boxes along with the microphone kit and installation.

This equipment project is described as:

- Raydian LED Light bars - \$9,245
- Siren, PA and light control boxes - \$3575
- Microphone kits - \$300.85
- Installation of light bars and equipment - \$1,214.15

BUDGET NARRATIVES

BUDGET

Name /Position or Item With Description	Purpose	Location, if applicable	Computation	Request
Purchase of Raydian LED Light bars	Improved Emergency Lighting	City of Roeland Park	\$1,849.00 X 5	\$9,245.00
Purchase Siren, PA and light control box	Operate the new light bar	City of Roeland Park	\$715.00 X 5	\$3,575.00
Purchase Microphone kit	Operate PA	City of Roeland Park	\$60.17 X 5	\$300.85
Installation of Light bars and Equipment	Implement Plan	City of Roeland Park	\$60.00/hr x 20 hours	\$1,214.15
Total Request				\$14,335.00

**Component 10 (\$74,965) Shawnee Police Department Digital In-Car Video/Audio
Recording System and Server Based Digital Media Storage and Retrieval/Archiving
System**

The purchase of the fifteen new digital in-car video/audio recording system and the server based digital media storage and retrieval/archiving system will serve multiple purposes. First, to reduce the strain budget for repairs to out dated and obsolete equipment, second to bring the recording system up to date with current digital technology and finally to remove the necessity for future VHS storage as the new recording system will utilize digital media storage making accessibility virtually trouble free.

This equipment project is described as:

- DVR Digital video system - \$69,375
- IR Camera w/cables (backseat camera) - \$4,425
- Shipping Costs (estimated) - \$750

BUDGET NARRATIVES

BUDGET

Name /Position or Item With Description	Purpose	Location	Computation	Request
Purchase DVR Digital video system	Improved digital evidence management	City of Shawnee	\$4,625.00 X 15	\$69,375.00
Purchase IR Camera with cables (backseat camera)	Operate digital video system	City of Shawnee	\$295.00 X 15	\$4,425.00
Shipping	Transport equipment from the factory to Shawnee	City of Shawnee	\$750.00	\$750.00
Total Request				\$74,550.00

Component 11 (\$267,195) Overland Park Police Department Low Emission Hybrid Vehicles, Light Bars and Emergency Strobes

The purchase of the 15 hybrid vehicles are to be used in secondary areas for law enforcement personnel. Commitment for this purchase is such that outside grant funds and a department contribution will be made in order to assist with the purchase of the vehicles and outfit 4 with light bars and emergency lighting systems.

These vehicles will replace the high mileage low rated emission sedan models that were removed from the patrol fleet to the secondary areas. By purchasing these vehicles Overland Park Police Department will recognize a savings of fuel consumption and contribute to lower emissions in a "green" capacity.

This equipment project is described as:

- Low Emission Hybrid Vehicles - \$ 315,000
- Light bars - \$5,200
- Installation of light bars - 6,995
- Existing grant funding- [\$48,00]
- Supplemental funds from Overland Park- [\$12,000]

BUDGET NARRATIVES

BUDGET

Name /Position or Item With Description	Purpose	Location	Computation	Request
Purchase of Hybrid Vehicles	Maintain and / or create new jobs in the employment sectors affected by these vehicle and emergency equipment purchases and installations. Also, the use of "green" technology will help lower ozone emissions, reduce dependency on fossil fuels, improve gas mileage and reduce maintenance costs.	City of Overland Park	\$21,000 x 15	\$315,000
Existing grant will supplement \$48,000 and Overland Park will provide an		City of Overland Park	-\$48,000 + -\$12,000	-\$60,000
additional \$12,000 for 15 hybrid vehicles				
Purchase Light Bars and Other Equipment	To be used in emergency situations.	City of Overland Park	\$1,300.00 x 4	\$5,200
Installation of Light Bars and Equipment	Provide emergency equipment for vehicles	City of Overland Park	\$1,748.75 x 4	\$6,995
TOTAL REQUEST				\$267,195

BUDGET NARRATIVES

	BUDGETS	ALLOCATION
Johnson County Sheriff's Office	Component 1	\$66,505.00
Tandberg video arraignment equipment		
Digital voice recording equipment		
Gardner Department of Public Safety	Component 2	\$35,250.00
700 MHz radio system		
Motorola Impres six bank multi-unit charger		
Leawood Police Department	Component 3	\$31,960.00
700MHz radio system		
Lenexa Police Department	Component 4	\$60,630.00
Automatic License Plate Reader		
Photograph Evidence Storage and Audit tracking software		
VieVu Personal Portable Video Camera		
Mission Police Department	Component 5	\$23,735.00
CITRIX Software Program		
Merriam Police Department	Component 6	\$34,075.00
Coplogic Desk Officer Online Reporting System		
Personal Recording Devices		
Olathe City Police Department	Component 7	\$295,395.00
700MHz radio system		
Portable XTS limited keypad [Model II] with:		
Encryption, programming, swivel carry case, desk charger and Intrinsic speaker mic		

BUDGET NARRATIVES

	BUDGETS	ALLOCATION
Prairie Village Police Department	Component 8	\$ 16,450.00
	Voice Stress Analyzer, Tactical Ballistic vests	
Roeland Park Police Department	Component 9	\$14,335.00
	Raydian LED Light bars with sirens, PAs, microphones and installation	
Shawnee Police Department	Component 10	\$ 74,965.00
	DVR Digital video in-car recording system and server based digital media storage Retrieval archiving system	
Overland Park Police Department	Component 11	\$267,195.00
	Hybrid low emission vehicles Installation of light bars and Emergency vehicle strobes	

REVIEW NARRATIVES

Component 1 (\$66,505.00): Johnson County Sheriff's Office Video Arraignment and Digital Voice Recording Equipment

The Johnson County Sheriff's Office has agreed to serve as the applicant/fiscal agent for the joint funds. In part, individual proposals were received from the respective jurisdictional agencies and presented as a single application with respect to agencies MOUs.

The objective for the Edward Byrne Memorial Grant was presented to the Board of County Commissioners (BOCC) April 16, 2009. The activity allowed for citizen comment and to obtain the BOCC's approval with the BOCC chairwoman's signature on the MOU.

Component 2 (\$35,250) Gardner Department of Public Safety Narrow Band Radio Equipment

The Johnson County Sheriff's Office has agreed to serve as the applicant/fiscal agent for the joint funds. In part, individual proposals were received from the respective jurisdictional agencies and presented as a single application with respect to agencies MOUs.

The objective for the Edward Byrne Memorial Grant was presented to the Mayor and City Council on April 6, 2009. The activity allowed for citizen comment from April 7, 2009 through April 21, 2009 and to obtain the Mayor's signature on the MOU.

Component 3 (\$31,960) Leawood Police Department Narrow Band Radio Equipment

The Johnson County Sheriff's Office has agreed to serve as the applicant/fiscal agent for the joint funds. In part, individual proposals were received from the respective jurisdictional agencies and presented as a single application with respect to agencies MOUs.

The objective for the Edward Byrne Memorial Grant was presented to the Mayor and City Council on April 20, 2009. The activity allowed for citizen comment and to obtain the Mayor's signature on the MOU.

Component 4 (\$60,630) Lenexa Police Department Technology Based Programs

The (JAG) application grant was made available for review to the Lenexa Governing Body on April 13, 2009. This has also been placed on the agenda for the regular City Council Meeting on April 21, 2009. The application was made public on the City website (<http://www.ci.lenexa.ks.us>) on April 14, 2009 with a notice for the opportunity for public comment on the application to be held at the Lenexa City Council meeting on April 21, 2009.

REVIEW NARRATIVES

On April 21, 2009 the Governing Body authorized the Mayor to sign the memorandum of understanding with the Johnson County Sheriff's Office and participating cities.

Component 5 (\$23,735) Mission Police Department CITRIX Software Program

The Johnson County Sheriff's Office has agreed to serve as the applicant/fiscal agent for the joint funds. In part, individual proposals were received from the respective jurisdictional agencies and presented as a single application with respect to agencies MOUs.

The Governing Body of the City of Mission was advised of the Police Department's grant application at its Finance Committee meeting of April, 8th, 2009. At the City's regularly scheduled Council Meeting of April 15th, a Public Hearing was held to officially inform our governing body of the intent of this grant, and to provide the public with an opportunity to ask questions or comment on this project.

Component 6 (\$34,075) Merriam Police Department Coplogic Desk Officer Online Reporting System and Personal Recording Devices

The Johnson County Sheriff's Office has agreed to serve as the applicant/fiscal agent for the joint funds. In part, individual proposals were received from the respective jurisdictional agencies and presented as a single application with respect to agencies MOUs.

The objective for the Edward Byrne Memorial Grant was presented to the Merriam City Council on April 27, 2009. This activity allowed for citizen comment and to obtain the Council approval with the Merriam City Mayor's signature on the MOU.

Component 7 (\$295,395) Olathe City Police Department Narrow Band Radio System

The Edward Byrne Memorial Grant was presented to Olathe City Council, May 5, 2009. The activity allowed for citizen comment and to obtain the Council approval with the Olathe City Mayor's signature on the MOU.

Component 8 (\$16,450) Prairie Village Police Department Computer Voice Stress Analyzer and Tactical Ballistic Vests

The Edward Byrne Memorial Grant was presented to the City Council, April 20, 2009. During this time citizen comment and council approval with the Mayor's signature on the MOU was obtained.

REVIEW NARRATIVES

Component 9 (\$14,335) Roeland Park Police Department Raydian LED Light bars and Emergency Vehicle Accessories

The Edward Byrne Memorial Grant was presented to the City Council April 13, 2009. The time allowed for citizen comment and Council approval with the Mayor's signature on the MOU was obtained April 20, 2009.

Component 10 (\$74,965) Shawnee Police Department Digital In-Car Video/Audio Recording System with Server based Digital Media Storage and Retrieval/Archiving system

The Edward Byrne Memorial Grant was presented to the City Council was presented to the City Council on May 8, 2009 at which time citizen comment and Council approval was obtained. The Council approval with the Mayor's signature on the MOU was obtained May 11, 2009.

Component 11 (\$267,195) Overland Park Police Department Low Emission Hybrid Vehicles, Light bars and Emergency Lighting Accessories

The Edward Byrne Memorial Grant was presented to the City Council April 13, 2009 at which time citizen comment and Council and community support for this project was obtained. On May 4, 2009 City Council approval for the MOU was obtained.

ABSTRACT

The Johnson County Sheriff's Office will be the administrative and fiscal reporting agency for the disparity funding grant on behalf of the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee for the Edward Byrne Memorial Grant. The projects being funded through this program include replacing outdated equipment in the courthouse, purchasing and upgrading software programs and replacing outdated vehicles with new "green" hybrid vehicles.

The Johnson County Sheriff's Office acknowledges that a disparity exists between the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, Shawnee and Johnson County in Kansas.

Programs funded through this grant are faceted for law enforcement and will cover a range of areas. Johnson County activities include replacing outdated video arraignment equipment and purchasing a digital voice recording system to assist with court proceedings. Prairie Village's program includes equipment purchase of a voice stress analyzer and ballistic vests. The police departments of Gardner, Leawood, and Olathe will up-grade their existing radio communication equipment to meet the low band frequency requirements. The City of Lenexa will implement a technology based program including automatic plate readers, photograph evidence storage and audit tracking along with personal portable video cameras. Both Mission and Merriam Police Departments will purchase software programs which when converted, will aide with employees' computer access. The software enhancements for the Merriam Police Department will enable citizens to make minor reports on line. Merriam is projecting this feature as a time saving program allowing for a reallocation of officer resources. The Shawnee Police Department will undertake an in-car video recording project with major financial contributions being supplemented from their financial budget. The cities of Roeland Park and Overland Park will purchase light bars for fleet vehicles. In addition, Overland Park will purchase low emission hybrid vehicles to replace their existing high-mileage vehicles.

The timeline for grant programs have been established with programs commencing thirty to sixty days after grant award. Most programs have a target date for final equipment purchases no later than December 2010. The funds provided for the programs will improve the quality of service each agency provides to its community through their activities, upgrades and equipment purchases.

The funding provided from the Edward Byrne Memorial Grant will support United States manufactures whenever possible and increase economic capacity by using local service companies. The Johnson County Sheriff's Office and cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee recognize the importance of supporting and encouraging local economies whenever possible.

RESOLUTION NO. 2009-041

A RESOLUTION APPROVING AND AUTHORIZING THE MAYOR TO EXECUTE A COOPERATIVE AGREEMENT BETWEEN THE CITY OF LENEXA ("CITY") AND THE BOARD OF COUNTY COMMISSIONERS OF JOHNSON COUNTY, KANSAS ("COUNTY") CONCERNING THE CITY'S PARTICIPATION IN AND USE OF FUNDS FROM THE 2009 BYRNE JUSTICE ASSISTANCE GRANT ("JAG") FORMULA PROGRAM.

WHEREAS, Johnson County ("COUNTY") and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park and Shawnee are eligible to apply for a joint award of \$920,495.00 under the American Recovery and Reinvestment Act of 2009; and

WHEREAS, the American Recovery and Reinvestment Act of 2009, signed into law by President Obama on February 17, 2009, provides the U.S. Department of Justice with funding to assist state, local and tribal law enforcement, to combat violence against women, to fight internet crimes against children, to improve functioning of the criminal justice system, to assist victims of crime and to support youth mentoring; and

WHEREAS, attached hereto as Exhibit "A," is a projection by the Bureau of Justice Assistance for the JAG Program fund allocation showing that the City may receive approximately \$60,630; and

WHEREAS, the City has determined that it is in the best interests of the public health, safety and welfare to undertake and cooperate in applying for JAG funding ~~under the American Recovery and Reinvestment Act of 2009 to assist in the prevention and reduction of local crime and violence through purchasing upgrades for computer systems, police cruisers, video surveillance systems, automatic license recognition systems, and other similar purposes; and~~

WHEREAS, both parties have read and understand the terms and conditions of said Cooperative Agreement, which is attached hereto as Exhibit "B".

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF LENEXA, KANSAS:

SECTION ONE: The City of Lenexa, Kansas, a municipal corporation, does hereby authorize the Mayor to execute the Cooperative Agreement, attached hereto as Exhibit "B" and incorporated herein by reference.

SECTION TWO: This resolution shall become effective upon adoption by the Governing Body.

ADOPTED by the Governing Body this 21st day of April, 2009.

SIGNED by the Mayor this 21st day of April, 2009.

[SEAL]



CITY OF LENEXA, KANSAS


Michael A. Boehm, Mayor

ATTEST:


Anna M. Ancil, City Clerk

APPROVED AS TO FORM:


Marcia L. Knight, Assistant City Attorney

Exhibit A

State	Jurisdiction Name	Government Type	Eligible Individual Allocation	Eligible Joint Allocation
KS	ALLEN COUNTY	County		
KS	IOLA CITY	Municipal	\$26,555	\$26,555
KS	ATCHISON COUNTY	County		
KS	ATCHISON CITY	Municipal	\$22,325	\$22,325
KS	BARTON COUNTY	County	\$11,750	
KS	GREAT BEND CITY	Municipal	\$103,400	\$115,150
KS	BOURBON COUNTY	County		
KS	FORT SCOTT CITY	Municipal	\$27,495	\$27,495
KS	GLAY COUNTY	County		
KS	CLAY CENTER CITY	Municipal	\$10,575	\$10,575
KS	CLOUD COUNTY	County		
KS	CONCORDIA CITY	Municipal	\$11,750	\$11,750
KS	COWLEY COUNTY	County	\$28,905	
KS	ARKANSAS CITY	Municipal	\$52,405	\$81,310
KS	CRAWFORD COUNTY	County	\$23,500	
KS	PITTSBURG CITY	Municipal	\$79,430	\$102,930
KS	DOUGLAS COUNTY	County	\$19,505	
KS	LAWRENCE CITY	Municipal	\$278,240	
KS	EUDORA CITY	Municipal	\$10,340	\$308,085
KS	ELLIS COUNTY	County		
KS	HAYS CITY	Municipal	\$41,830	\$41,830
KS	FINNEY COUNTY	County	\$27,025	
KS	GARDEN CITY	Municipal	\$105,985	\$133,010
KS	FORD COUNTY	County		
KS	DODGE CITY	Municipal	\$101,520	\$101,520
KS	FRANKLIN COUNTY	County	\$31,960	
KS	OTTAWA CITY	Municipal	\$46,060	\$78,020
KS	GEARY COUNTY	County		
KS	JUNCTION CITY	Municipal	\$107,865	\$107,865
KS	GOVE COUNTY	County		
KS	PARK CITY	Municipal	\$13,395	\$13,395
KS	GRANT COUNTY	County		
KS	ULYSSES CITY	Municipal	\$11,045	\$11,045
KS	HARVEY COUNTY	County		
KS	NEWTON CITY	Municipal	\$68,150	\$68,150
KS	JOHNSON COUNTY	County	\$66,505	
KS	GARDNER CITY	Municipal	\$85,250	
KS	LEAWOOD CITY	Municipal	\$31,960	
KS	LENEXA CITY	Municipal	\$60,630	
KS	MERRIAM CITY	Municipal	\$34,075	
KS	MISSION CITY	Municipal	\$23,735	
KS	OLATHE CITY	Municipal	\$295,395	

State	Jurisdiction Name	Government Type	Eligible Individual Allocation	Eligible Joint Allocation
KS	PRAIRIE VILLAGE CITY	Municipal	\$16,450	
KS	ROELAND PARK CITY	Municipal	\$14,335	
KS	SHAWNEE CITY	Municipal	\$74,965	
KS	OVERLAND PARK CITY	Municipal	\$267,195	\$920,495
KS	LABETTE COUNTY	County		
KS	PARSONS CITY	Municipal	\$54,050	\$54,050
KS	LEAVENWORTH COUNTY	County	\$31,020	
KS	LEAVENWORTH CITY	Municipal	\$213,850	
KS	LANSING CITY	Municipal	\$18,330	\$263,200
KS	LYON COUNTY	County		
KS	EMPORIA CITY	Municipal	\$70,735	\$70,735
KS	MCPHERSON COUNTY	County		
KS	MCPHERSON CITY	Municipal	\$16,920	\$16,920
KS	NEOSHO COUNTY	County		
KS	CHANUTE CITY	Municipal	\$23,500	\$23,500
KS	PAWNEE COUNTY	County		
KS	LARNED CITY	Municipal	\$15,040	\$15,040
KS	RENO COUNTY	County	\$19,975	
KS	HUTCHINSON CITY	Municipal	\$141,940	\$161,915
KS	RICE COUNTY	County		
KS	LYONS CITY	Municipal	\$11,750	\$11,750
KS	SALINE COUNTY	County	\$12,925	
KS	SALINA CITY	Municipal	\$95,880	\$108,805
KS	SCOTT COUNTY	County		
KS	SCOTT CITY	Municipal	\$10,340	\$10,340
KS	SEDGWICK COUNTY	County	\$104,575	
KS	WICHITA CITY	Municipal	\$2,195,133	
KS	DERBY CITY	Municipal	\$26,320	
KS	HAYSVILLE CITY	Municipal	\$21,150	\$2,347,178
KS	SEWARD COUNTY	County		
KS	LIBERAL CITY	Municipal	\$98,465	\$98,465
KS	SHAWNEE COUNTY	County	\$64,860	
KS	TOPEKA CITY	Municipal	\$486,450	\$551,310
KS	SUMNER COUNTY	County		
KS	WELLINGTON CITY	Municipal	\$16,685	\$16,685
KS	THOMAS COUNTY	County		
KS	COLBY CITY	Municipal	\$11,750	\$11,750
KS	MONTGOMERY COUNTY	County		
KS	COFFEYVILLE CITY	Municipal	\$56,635	
KS	INDEPENDENCE CITY	Municipal	\$36,660	\$93,295
KS	AUGUSTA CITY	Municipal	\$12,925	
KS	BONNER SPRINGS CITY	Municipal	\$14,570	

State	Jurisdiction Name	Government Type	Eligible Individual Allocation	Eligible Joint Allocation
KS	BUTLER COUNTY	County	\$38,540	
KS	CHEROKEE COUNTY	County	\$18,800	
KS	EDWARDSVILLE CITY	Municipal	\$10,810	
KS	EL DORADO CITY	Municipal	\$26,790	
KS	JACKSON COUNTY	County	\$17,860	
KS	JEFFERSON COUNTY	County	\$17,625	
KS	MIAMI COUNTY	County	\$19,740	
KS	OSAGE COUNTY	County	\$17,390	
KS	OSAWATOMIE CITY	Municipal	\$13,160	
KS	POTTAWATOMIE COUNTY	County	\$25,850	
KS	RILEY COUNTY	County	\$165,910	
KS	STEVENS COUNTY	County	\$10,340	
KS	WINFIELD CITY	Municipal	\$30,315	
KS	WYANDOTTE COUNTY AND KANSAS CITY UNIFIED GOVERNMENT	Municipal	\$840,124	
	Local total		\$7,377,192	
	State of Kansas		\$12,660,141	
	Grand total for Kansas		\$19,977,933	

State	Jurisdiction Name	Government Type	Eligible Individual Allocation	Eligible Joint Allocation
<p>* Counties that have an asterisk (*) under the "Eligible Individual Allocation" column are ineligible for a direct FY 09 Recovery Act - Edward Byrne Memorial Justice Assistance Grant (JAG) award from BJA. For JAG purposes, these counties remain a partner with the jurisdictions receiving funds and must be a signatory on the required Memorandum of Understanding (MOU). A sample MOU is provided online at: http://www.ojp.usdoj.gov/BJA/recoveryJAG/JAGrecoveryMOU.pdf.</p>				

State	Jurisdiction Name	Government Type	Eligible Individual Allocation	Eligible Joint Allocation
<p>** Shaded allocation amounts for disparate jurisdictions appearing in the "Eligible Individual Allocation" column are suggested amounts based on what each jurisdiction would have been eligible to receive if there was no identified disparity. Disparate jurisdictions are responsible for determining individual allocations and documenting individual allocations in the MOU. Additional JAG Frequently Asked Questions can be found on the BJA JAG web page at: http://www.ojp.usdoj.gov/BJA/recoveryJAG/JAGrecoveryFAQ.pdf.</p>				

GMS APPLICATION NUMBER: _____

**A COOPERATIVE AGREEMENT BY AND AMONG
THE BOARD OF COUNTY COMMISSIONERS OF JOHNSON COUNTY,
KANSAS, AND THE CITIES OF GARDNER, LEAWOOD, LENEXA,
MERRIAM, MISSION, OLATHE, OVERLAND PARK, PRAIRIE VILLAGE,
ROELAND PARK, AND SHAWNEE, KANSAS
2009 BYRNE JUSTICE ASSISTANCE GRANT (JAG) FORMULA PROGRAM**

THIS AGREEMENT is made and entered into by and among the BOARD OF COUNTY COMMISSIONERS OF JOHNSON COUNTY, KANSAS (hereinafter the "COUNTY"), and the CITY OF GARDNER, KANSAS (hereinafter "GARDNER"), the CITY OF LEAWOOD, KANSAS (hereinafter "LEAWOOD"), the CITY OF LENEXA, KANSAS (hereinafter "LENEXA"), the CITY OF MERRIAM, KANSAS (hereinafter "MERRIAM"), the CITY OF MISSION, KANSAS (hereinafter "MISSION"), the CITY OF OLATHE, KANSAS (hereinafter "OLATHE"), the CITY OF PRAIRIE VILLAGE, KANSAS (hereinafter "PRAIRIE VILLAGE"), the CITY OF ROELAND PARK, KANSAS (hereinafter "ROELAND PARK"), the CITY OF OVERLAND PARK, KANSAS (hereinafter "OVERLAND PARK"), and the CITY OF SHAWNEE, KANSAS (hereinafter "SHAWNEE"), with each party hereto having been duly organized and now existing under the laws of the State of Kansas.

WITNESSETH:

WHEREAS, the parties hereto are eligible to apply for a joint application award of \$920,495.00 under the American Recovery and Reinvestment Act of 2009 (the "Recovery Act") Bureau of Justice Assistance (BJA) Edward J. Byrne Memorial Justice Assistance Grant (JAG) Formula Program from the Office of Justice Programs (OJP), U.S. Department of Justice (DOJ); and

WHEREAS, the Recovery Act provides the DOJ with funding to assist state, local and tribal law enforcement (including support for hiring), to combat violence against women, to fight internet crimes against children, to improve functioning of the criminal justice system, to assist victims of crime and to support youth mentoring; and

WHEREAS, the JAG Program fosters streamline justice funding and grant administration, and allows local governments to support a broad range of activities to prevent and control crime based on their own local needs and conditions, and to improve the criminal justice system; and

WHEREAS, the COUNTY, through the Johnson County Sheriff's Office, has coordinated with the law enforcement agencies of the various cities hereunder to obtain information about budget funding disparities amongst the parties and its jurisdictions, and their proposed permissible uses of awarded funds under the JAG Formula Program grant; and

GMS APPLICATION NUMBER: _____

WHEREAS, the parties hereto have determined that it is in the best interests of the public health, safety and welfare to undertake and cooperate in applying for JAG funding under the Recovery Act to further and support the efforts of the COUNTY and the CITIES in preventing or reducing local crime and violence through purchase upgrades for computer systems, police cruisers, video surveillance systems, automatic license recognition systems, and other similar purposes; and

WHEREAS, K.S.A. 12-2908, and amendments thereto, authorize the parties hereto to cooperate in such governmental undertaking; and

WHEREAS, each of the parties hereto have determined to enter into this Agreement for the aforesaid public purpose and undertaking as authorized and provided for by K.S.A. 12-2908, and amendments thereto.

NOW, THEREFORE, in consideration of the above and foregoing recitals, the mutual covenants and agreements herein contained, and for the other good and valuable consideration, the parties hereto agree as follows:

SECTION 1. PURPOSE

A. The COUNTY, and GARDNER, LEAWOOD, LENEXA, MERRIAM, MISSION, OLATHE, OVERLAND PARK, PRAIRIE VILLAGE, ROELAND PARK, and SHAWNEE (hereinafter collectively the "CITIES") hereby agree to join in applying for the JAG disparate jurisdiction joint application award amount of Nine Hundred Twenty Thousand Four Hundred Ninety-Five Dollars (\$920,495.00) from the Office of Justice Programs, U.S. Department of Justice, based on a funding disparity in Johnson County, Kansas as set out at <http://www.ojp.usdoj.gov/BJA/recoveryJAG/recjag/KS.xls>, and to reallocate the hereinabove stated JAG award amongst the parties in those amounts set forth at <http://www.ojp.usdoj.gov/BJA/recoveryJAG/recjag/KS.xls>, for the express purpose of furthering and supporting the efforts of the COUNTY and the CITIES in preventing or reducing local crime and violence through purchase upgrades for computer systems, police cruisers, video surveillance systems, automatic license recognition systems, and other similar purposes.

B. The joint application, attached hereto as Exhibit A and incorporated herein by reference, specifies the purposes for which the funds will be used.

C. The COUNTY and CITIES hereby designate the Johnson County Sheriff's Office (the "Sheriff") to serve as the applicant/fiscal agent for the joint funding JAG grant awarded hereunder.

SECTION 2. ADMINISTRATION

A. The CITIES understand and acknowledge that the COUNTY will be the sole recipient of the JAG funds from the OJP to be reallocated and used for the purposes

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

A. The CITIES understand and acknowledge that the COUNTY will be the sole recipient of the JAG funds from the OJP to be reallocated and used for the purposes described under Section 1 of this Agreement. Further, the CITIES and COUNTY understand and acknowledge that all Recovery Act JAG Program awards: (i) are subject to the availability of appropriated funds and any modifications or additional requirements that may be imposed by law; (ii) are made in the first fiscal year of the appropriation and may be expended during the following three (3) years, for a total of four (4) grant period years; (iii) may not be expended outside of the JAG purpose areas; (iv) must be used to supplement existing local funds for program activities and must not replace those funds that have been appropriated for the same purpose; and shall be subject to the provisions and requirements, including certification requirements, of the Recovery Act.

B. The COUNTY shall be responsible, through the Sheriff, for the administration of the funds; monitoring the award; and submitting any reports, including performance measure and program assessment data that may be required in connection with the funding provided by the OJP hereunder. The COUNTY and each of the CITIES agree to cooperate and assist with any such grant related reporting requirements that may be need to performed under this Agreement.

C. The CITIES and COUNTY acknowledge and agree that the COUNTY will receive the total allocation of the \$920,495.00 JAG funding award under the JAG joint application submitted hereunder to be reallocated amongst the parties hereto pursuant to the provisions and requirements of the Recovery Act and this Agreement.

D. Each of the CITIES acknowledges and agrees that any and all records pertaining to the joint application and grant award shall be subject at all reasonable times to inspection, review, or audit by Federal personnel and other personnel duly authorized by the COUNTY as well as Federal personnel. Each of the CITIES assures that all financial records, supporting documentation, statistical records and any and all other records pertinent to the grant award shall be retained by the respective CITIES for at least five (5) years following the end of the grant period.

SECTION 3. GENERAL PROVISIONS

A. Nothing in the performance of this Agreement shall impose any liability for claims against COUNTY other than claims for which liability may be imposed by the Kansas Tort Claims Act.

B. Nothing in the performance of this Agreement shall impose any liability for claims against any of the CITIES other than claims for which liability may be imposed by the Kansas Tort Claims Act.

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

C. Each party to this Agreement will be responsible for its own actions in providing any services under this Agreement and shall not be liable for any civil liability that may arise from the furnishing of services, if any, by the other parties.

D. The parties to this Agreement do not intend for any third party to obtain a right by virtue of this Agreement.

E. This Agreement shall be governed by, enforced and construed in accordance with the laws of the State of Kansas. Further, the COUNTY and CITIES agree to abide by the JAG grant special conditions and certifications, and all applicable federal, state and local statutes, rules, regulations, OMB Circulars and Guidelines, including the provisions of the OJP Financial Guide, which may pertain to the grant award as well as the OJP Recovery Act Additional Requirements found at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

F. By entering into this Agreement, the parties do not intend to create any obligations express or implied other than those set out herein. Further, this Agreement shall not create any rights in any party not a signatory hereto.

G. All agreements, covenants and clauses contained herein are severable, and in the event any of them shall be deemed or held to be unconstitutional, invalid, or unenforceable, the remainder of this Agreement shall be interpreted as if such unconstitutional, invalid or unenforceable agreements, clauses and covenants were not contained herein.

IN WITNESS WHEREOF, the parties hereto have caused the above and foregoing Agreement to be executed by their respective and duly authorized representatives.

[Signatures of authorized representatives appear on subsequent pages.]

GMS APPLICATION NUMBER: _____

CITY OF GARDNER, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

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GMS APPLICATION NUMBER: _____

CITY OF LEAWOOD, KANSAS

By: _____

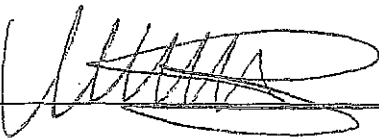
ATTEST:

APPROVED AS TO FORM:

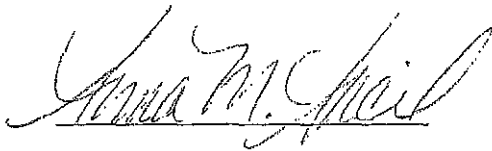
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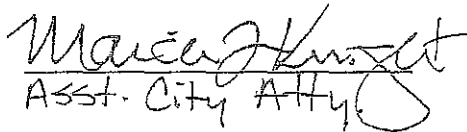
CITY OF LENEXA, KANSAS

By:  _____

ATTEST:



APPROVED AS TO FORM:


Asst. City Atty.

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

CITY OF MERRIAM, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM: _____

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GMS APPLICATION NUMBER: _____

CITY OF MISSION, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

CITY OF OLATHE, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

[The remainder of this page was left blank intentionally.]

GMS APPLICATION NUMBER: _____

CITY OF OVERLAND PARK, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

CITY OF PRAIRIE VILLAGE, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

CITY OF ROELAND PARK, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

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A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

CITY OF SHAWNEE, KANSAS

By: _____

ATTEST:

APPROVED AS TO FORM:

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

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BOARD OF COUNTY COMMISSIONERS
OF JOHNSON COUNTY, KANSAS

By: _____

~~Annabeth Surbaugh~~
Chairman

ATTEST:

Casey Joe Carl
Clerk of the Board

APPROVED AS TO FORM:

Nicholas Saldan
Deputy County Counselor

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

GMS APPLICATION NUMBER: _____

EXHIBIT A

**Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG) Formula
Program: Local Solicitation**

Joint Application

A Cooperative Agreement by and among the Board of County Commissioners of Johnson County, Kansas, and the cities of Gardner, Leawood, Lenexa, Merriam, Mission, Olathe, Overland Park, Prairie Village, Roeland Park, and Shawnee, Kansas for the 2009 Byrne Justice Assistance Grant (JAG) Formula Program

U.S. Department of Justice
Office of Justice Programs
Bureau of Justice Assistance



RECOVERY ACT



The U.S. Department of Justice, Office of Justice Programs' (OJP) Bureau of Justice Assistance (BJA) is pleased to announce that it is seeking applications for funding under the Recovery Act Edward Byrne Memorial Justice Assistance Grant (JAG) Program.

On February 17, 2009, President Obama signed into law the landmark American Recovery and Reinvestment Act of 2009 (the "Recovery Act"). As one of its many elements, the Recovery Act provides the U.S. Department of Justice (DOJ) with funding for grants to assist state, local, and tribal law enforcement (including support for hiring), to combat violence against women, to fight internet crimes against children, to improve the functioning of the criminal justice system, to assist victims of crime, and to support youth mentoring. DOJ is committed to working with our national, state, local and tribal partners to ensure this funding invests in the American workforce.

Specifically, under this solicitation, BJA will be making awards to assist state, local, and tribal efforts to prevent or reduce crime and violence.

Recovery Act:

Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program: State Solicitation

Eligibility

Applicants are limited to states, the District of Columbia, the Commonwealth of Puerto Rico, the Northern Mariana Islands, the Virgin Islands, Guam, and American Samoa.

To view the eligibility list, go to: www.ojp.usdoj.gov/BJA/recoveryJAG/recoveryallocations.html
(See "Eligibility," page 2)

Deadline

Registration with OJP's Grants Management System is required prior to application submission.

Applicants must obtain a DUNS number from Dun and Bradstreet prior to application submission. Applicants, including those applying through GMS, must register with the Central Contractor Registration (CCR) database.

(See "Deadline: Registration," page 1)

All applications are due by 8:00 p.m. Eastern Time, on April 9, 2009.

(See "Deadline: Applications," page 2)

Important Note to Prospective Applicants

This solicitation is issued pursuant to the American Recovery and Reinvestment Act of 2009 (Public Law 111-5), which was signed into law by President Obama on February 17, 2009. As of the date this solicitation is issued, government-wide guidance is still forthcoming on various aspects of the Act.

Applicants are strongly advised to check the appropriate web site and [Hwww.ojp.usdoj.gov/recovery/solicitationrequirements.htm](http://www.ojp.usdoj.gov/recovery/solicitationrequirements.htm) periodically (including before submitting an application) for updates to this solicitation and its associated requirements. Additional information may become available that could affect project proposal narratives, timelines, budget requests, certifications, and other matters related to applications.

Award recipients will be required to follow any applicable provisions of government-wide guidance that may be issued pursuant to the Recovery Act.

Contact Information

For assistance with the requirements of this solicitation, contact: BJA toll-free at 1-866-268-0079 or e-mail JAGRecovery@usdoj.gov. This e-mail account will be checked hourly. A response will be provided within one business day. You may also contact your BJA State Policy Advisor at www.ojp.usdoj.gov/BJA/resource/stcont.htm, or Eileen M. Garry, Deputy Director for Programs, at 202-307-6226 or eileen.garry@usdoj.gov.

This application must be submitted through OJP's Grants Management System (GMS). For technical assistance with submitting the application, call the GMS Support Hotline at 1-888-549-9901, option 3. The GMS Support Hotline hours of operation are Monday-Friday from 7:00 a.m. to 9:00 p.m. e.t. For step-by-step GMS guidance, please utilize OJP's online Grants Management System training tool: www.ojp.usdoj.gov/qmscbt/.

Release date: March 6, 2009

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Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG) Program: State Solicitation CFDA# 16.803

Overview of the Edward Byrne Memorial Justice Assistance Grant Program

This grant program is authorized by the American Recovery and Reinvestment Act of 2009 (Public Law 111-5) (the "Recovery Act") and by 42 U.S.C. 3751(a).

The stated purposes of the Recovery Act are: to preserve and create jobs and promote economic recovery; to assist those most impacted by the recession; to provide investments needed to increase economic efficiency by spurring technological advances in science and health; to invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits; and to stabilize state and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases.

The Recovery Act places great emphasis on accountability and transparency in the use of taxpayer dollars. Among other things, it creates a new Recovery Accountability and Transparency Board and a new website – Recovery.gov – to provide information to the public, including access to detailed information on grants and contracts made with Recovery Act funds.

The Edward Byrne Memorial Justice Assistance Grant (JAG) Program is the primary provider of federal criminal justice funding to state and local jurisdictions. JAG funds support all components of the criminal justice system, from multijurisdictional drug and gang task forces to crime prevention and domestic violence programs, courts, corrections, treatment, and justice information sharing initiatives. JAG funded projects may address crime through the provision of services directly to individuals and/or communities and by improving the effectiveness and efficiency of criminal justice systems, processes, and procedures.

Deadline: Registration

Registering with OJP's Grants Management System (GMS)

Applications must be submitted through OJP's online Grants Management System (GMS). To access the system, go to <https://grants.ojp.usdoj.gov>. Applicants should begin the process immediately to meet the GMS registration deadline, especially if this is the first time they have used the system. Each application requires a separate GMS registration. The registration process for organizations includes: (1) Obtaining a Data Universal Numbering System (DUNS) number; (2) Registering your organization with the Central Contractor Registration (CCR) database; and (3) Registering with GMS prior to applying.

The deadline to register is 8:00 p.m. Eastern Time on April 9, 2009.

A DUNS number is required. All applicants under this solicitation must include a DUNS (Data Universal Numbering System) number in their application. Applications without a DUNS number are incomplete.

A DUNS number is a unique nine-digit sequence recognized as the universal standard for identifying and keeping track of entities receiving Federal funds. The identifier is used for tracking purposes and to validate address and point of contact information for federal assistance applicants, recipients, and subrecipients. The DUNS number will be used throughout the grant life cycle. Obtaining a DUNS number is a free, simple, one-time activity. Obtain one by calling 1-866-705-5711 or by applying online at <http://fedgov.dnb.com/webform/displayHomePage.do>.

Central Contractor Registration (CCR) is required. In addition to the DUNS number requirement, OJP requires that all applicants (other than individuals) for federal financial assistance maintain current registrations in the Central Contractor Registration (CCR) database. The CCR database is the repository for standard information about federal financial assistance applicants, recipients, and subrecipients. Organizations that have previously submitted applications via Grants.gov are already registered with CCR, as it is a requirement for Grants.gov registration. Please note, however, that applicants must update or renew their CCR registration at least once per year to maintain an active status. Information about registration procedures can be accessed at www.ccr.gov.

Deadline: Applications

The due date for applying for funding under this announcement is 8:00 p.m. Eastern Time on April 9, 2009.

Eligibility

Applicants are limited to states, the District of Columbia, the Commonwealth of Puerto Rico, the Northern Mariana Islands, the Virgin Islands, Guam, and American Samoa. Please view the eligibility list at: www.ojp.usdoj.gov/BJA/recoveryJAG/recoveryallocations.html.

Additional Requirements Related to the Recovery Act (including certification requirements):

Reporting on the Use of Funds. In order to be eligible to receive funds under this solicitation, applicants must certify that they will satisfy the reporting requirements of section 1512(c) of the Recovery Act, which requires detailed reporting (including reporting on subawards) not later than ten calendar days after the end of each calendar quarter. Detailed information on section 1512(c) appears below, under "Accountability and Transparency under the Recovery Act." A template for the certification is included in the appendix. Applicants may expect that a standard form and/or standard reporting mechanism will be made available at a future date.

Funding Distribution and Appropriate Use of Funds. Section 1607 of the Recovery Act requires either a certification by the Governor or a concurrent resolution of the state legislature concerning funds distribution and assurance of appropriate use of funds. States may not receive funds under this Recovery Act solicitation unless section 1607 is satisfied. (Refer to the OJP Recovery Act Additional Requirements web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm for the text of section 1607.)

Certification regarding Infrastructure Investments. Pursuant to section 1511 of the Recovery Act, a state or local government (including a federally-recognized Indian tribal government) may not receive funds for an infrastructure investment (for example, construction or major renovation of a correctional facility) unless the Governor, mayor, or other chief executive, as appropriate, certifies that the infrastructure investment has received the full vetting required by law and that

the chief executive accepts responsibility that the infrastructure is an appropriate use of taxpayer dollars. The certification must include a description of the infrastructure investment, the estimated total cost, and the amount of Recovery Act funds to be used, and must be posted on a web site that is linked to Recovery.gov. (Refer to the OJP Recovery Act Additional Requirements web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm for the text of section 1511.)

Consistent with section 1511, all applicants under this solicitation must complete a "General Certification as to Requirements for Receipt of Funds for Infrastructure Investments," a template for which is included in the appendix. Recipients that are awarded funds for one or more infrastructure investment projects must also submit and post a certification that satisfies section 1511 as to each such specific project prior to obligating, expending, or drawing down funds for such a project. Applicants or recipients that intend to prepare a section 1511 certification should consult the OJP Recovery Act Additional Requirements web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm. If a standard form becomes available, OJP will include a notice in the appropriate section of the web page.

JAG Program-Specific Information

All awards are subject to the availability of appropriated funds and any modifications or additional requirements that may be imposed by law. Applicants also should anticipate that awards under the Recovery Act will be one-time awards and accordingly should propose project activities and deliverables that can be accomplished without additional DOJ funding.

Established to streamline justice funding and grant administration, the JAG Program allows states, tribes, and local governments to support a broad range of activities to prevent and control crime based on their own local needs and conditions. JAG blends the previous Byrne Formula and Local Law Enforcement Block Grant (LLEBG) Programs to provide agencies with the flexibility to prioritize and place justice funds where they are needed most.

Formula

The Bureau of Justice Statistics (BJS) calculates, for each *state and territory*, a minimum base allocation which, based on the statutory JAG formula, can be enhanced by (1) the state's share of the national population, and (2) the state's share of the country's Part 1 violent crime statistics. Once the state funding is calculated, 60 percent of the allocation is awarded to the state, and 40 percent to eligible units of local government.

States also have a variable percentage of the allocation that is required to be "passed through" to units of local government. This amount, also calculated by BJS, is based on each state's crime expenditures. In addition, the formula is used to calculate direct allocations for local governments within each state, based on their share of the total violent crime reported within the state. Local governments entitled to at least \$10,000 awards may apply directly to BJA for local JAG grants. To view the list of required passthrough percentages, go to: www.ojp.usdoj.gov/BJA/recoveryJAG/JAGrecoveryvpt.pdf

Award Amount

Eligible state/territory recipients are entitled to the state allocation determined by the above formula plus any funds designated for the state's units of local government whose direct allocation would be less than \$10,000. Funds from these "less than \$10,000 jurisdictions" must be distributed by the state to state police departments that provide criminal justice services, to

units of local government, and/or to any units of local government whose allocations would be less than \$10,000.

Purpose Areas

JAG funds may be used for state and local initiatives, technical assistance, training, personnel, equipment, supplies, contractual support, and information systems for criminal justice, as well as criminal justice-related research and evaluation activities that will improve or enhance:

- Law enforcement programs.
- Prosecution and court programs.
- Prevention and education programs.
- Corrections and community corrections programs.
- Drug treatment and enforcement programs.
- Planning, evaluation, and technology improvement programs.
- Crime victim and witness programs (other than compensation).

SAA Responsibilities

In each state, the Governor or other Chief Executive Officer designates a state agency (State Administering Agency, or SAA) to apply for and administer these funds. The SAA is responsible for:

- Coordination of JAG funds among state and local justice initiatives.
- Preparation and submission of the state JAG application.
- Administration of JAG funds including establishing funding priorities, distributing funds, monitoring subrecipients' compliance with all JAG special conditions and provisions, and providing ongoing assistance to subrecipients.
- Submitting financial reports, programmatic reports, performance measure data, and subgrant information.

States are strongly encouraged to prioritize evidence-based or evidence-generating practices because such practices are proven or may be effective and may be replicable.

States are also strongly encouraged to conform Recovery Act spending to their existing statewide strategic plan. If such a plan does not now exist, states are strongly encouraged to develop and undertake, as soon as practicable, a strategic planning process using a community-based engagement model in order to guide spending under this and future fiscal year allocations.

Administrative Funds

An SAA may use up to 10 percent of the state award, including up to 10 percent of any accrued interest, for costs associated with administering JAG funds.

Governing Body Review

The SAA must make the grant application available for review to the governing body of the state, or to an organization designated by that governing body, not fewer than 30 days before the application is submitted to BJA.

Public Comment

At the time of application submission, an SAA must provide an assurance that the application was made public and an opportunity to comment was provided to citizens and to neighborhood

or community organizations to the extent the applicable law or established procedure makes such an opportunity available.

Length of Awards

Awards are made in the first fiscal year of the appropriation and may be expended during the following 3 years, for a total grant period of 4 years.

Passthrough

JAG requires that states pass through a pre-determined percentage (variable passthrough) of funds to units of local government, such as a city, county, township, town; tribe; or faith- or community-based group. Calculated by BJS, this percentage is established by assessing the total criminal justice expenditures by the state and units of local government. If an SAA believes its assessment is incorrect, the SAA may appeal the percentage by providing alternate, verifiable data to BJA.

- ★ If an SAA wishes to fund a project that will be administered by the state but be counted as variable pass through for JAG purposes, it may do so if the project will directly benefit a unit(s) of local government, and if each local jurisdiction to benefit voluntarily signs a waiver. This waiver must certify that the local jurisdiction recognizes that the funds in question are set aside for local government use; believes that the proposed project will provide a direct local benefit; and agrees that funding the project at the state level is in the best interests of the unit of local government.

Trust Fund

SAs may draw down any or all JAG funds after acceptance of the award. To do so, a trust fund must be established in which to deposit the funds. The trust fund may or may not be an interest-bearing account. If subrecipients draw down JAG funds in advance, they also must establish a trust fund in which to deposit funds.

~~Recipients of funds, however, should be aware that the authority to retain such advance funding may be withdrawn should the recipient persistently remain delinquent in applicable reporting required by the Recovery Act. Specific information relating to this will be detailed in grant award documents.~~

Prohibited Uses

No JAG funds may be expended outside of the JAG purpose areas. Even within the purpose areas, however, JAG funds may not be used directly or indirectly for security enhancements or equipment for nongovernmental entities not engaged in criminal justice or public safety. Nor may JAG funds be used directly or indirectly to provide for any of the following matters unless BJA certifies that extraordinary and exigent circumstances exist, making them essential to the maintenance of public safety and good order :

- Vehicles (excluding police cruisers), vessels (excluding police boats), or aircraft (excluding police helicopters).
- Luxury items.
- Real estate.
- Construction projects (other than penal or correctional institutions).
- Any similar matters.

Non-Supplanting

Federal funds must be used to supplement existing state and local funds for program activities and must not replace those funds that have been appropriated for the same purpose. See the OJP Financial Guide ([Part II, Chapter 3](#)). Additional information appears on the "OJP Recovery Act Additional Requirements" web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

Recovery Act: Buy American

All applicants that propose to use grant funds to construct, alter, maintain, or repair a public building or public work should be aware that the Recovery Act (in section 1605) contains a "Buy American" provision that applies to iron, steel, and manufactured goods, subject to certain exceptions. The provision is to be applied in a manner consistent with United States obligations under international agreements. Government-wide guidance on this provision is not yet available, but is expected. For the text of section 1605, please refer to the "OJP Recovery Act Additional Requirements" web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

Recovery Act: Wage Rate Requirements

All applicants should be aware that the Recovery Act contains a provision on wage rate requirements that concerns projects funded or assisted by Recovery Act funds that employ laborers and mechanics. See section 1606 of the Recovery Act, the text of which appears on the "OJP Recovery Act Additional Requirements" web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm. Government-wide guidance on this provision is not yet available, but is expected.

Recovery Act: Preference for Quick-Start Activities

Pursuant to section 1602 of the Recovery Act, recipient of funds under this solicitation for infrastructure investment are to give preference to activities that can be started and completed expeditiously, and also are expected to use grant funds in a manner that maximizes job creation and economic benefit. For the details of this requirement, please refer to the text of section 1602, which appears on the "OJP's Recovery Act Additional Requirements" web page at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

Recovery Act: Contracts

Generally speaking, the Recovery Act places special emphasis on the use of fixed-price contracts awarded through competitive procedures. As information becomes available, OJP will provide guidance to applicants as to what, if any, particular procurement requirements or procedures may apply to contracts awarded with Recovery Act grant funds, apart from those that appear in 28 C.F.R. Part 66 and 28 C.F.R. Part 70.

Recovery Act: Limit on Funds

The Recovery Act specifically provides that funds may not be used by any state or local government, or any private entity, for any casino or other gambling establishment, aquarium, zoo, golf course, or swimming pool.

Recovery Act: Use of Funds in Conjunction with Funds from Other Sources.

Recovery Act funds may be used in conjunction with other funding as necessary to complete projects, but tracking and reporting of Recovery Act funds must be separate, to meet the reporting and other requirements of the Recovery Act and other applicable law. There can be no commingling of funds. (See "Accountability and Transparency under the Recovery Act," below.)

Accountability and Transparency under the Recovery Act

Separate Tracking and Reporting of Recovery Act Funds and Outcomes

Consistent with the special purposes and goals of the Recovery Act, and its strong emphasis on accountability and transparency, it is essential that all funds from a Recovery Act grant be tracked, accounted for, and reported on separately from all other funds (including DOJ grant funds from non-Recovery Act grants awarded for the same or similar purposes or programs). Recipients must also be prepared to track and report on the specific outcomes and benefits attributable to use of Recovery Act funds.

The accounting systems of all recipients and subrecipients must ensure that funds from any award under this Recovery Act solicitation are not commingled with funds from any other source.

Misuse of grant funds may result in a range of penalties, including suspension of current and future funds, suspension or debarment from federal grants, recoupment of monies provided under a grant, and civil and/or criminal penalties.

Quarterly Financial and Programmatic Reporting

Consistent with the Recovery Act emphasis on accountability and transparency, reporting requirements under Recovery Act grant programs will differ from and expand upon OJP's standard reporting requirements for grants. In particular, section 1512(c) of the Recovery Act sets out detailed requirements for quarterly reports that must be submitted within 10 days of the end of each calendar quarter. Receipt of funds will be contingent on meeting the Recovery Act reporting requirements.

Under this Recovery Act program, quarterly financial and programmatic reporting will be required, and will be due within 10 calendar days after the end of each calendar quarter, starting July 10, 2009.

Programmatic and Financial Reporting	Due Dates
Periods	
October- December	January 10
January- March	April 10
April-June	July 10
July-September	October 10

The information from grantee reports will be posted on a public website. To the extent that grant funds are available to pay a grantee's administrative expenses, those funds may be used to assist the grantee in meeting the accelerated time-frame and extensive reporting requirements of the Recovery Act.

Recovery Act grant recipients may expect that the information posted by OJP will identify grantees that are delinquent in their reporting. In addition, in keeping with standard OJP practice, grant recipients who do not submit required reports by the due date will not be permitted to draw down funds thereafter, during the pendency of the delinquency, and may be subject to other appropriate actions by OJP, including, but not limited to, restrictions on eligibility for future OJP awards, restrictions on draw-down on other OJP awards, and suspension or termination of the Recovery Act award.

Funding recipients may expect that a standard form and/or reporting mechanism may be available. Additional instructions and guidance regarding the required reporting will be provided as they become available. For planning purposes, however, all applicants should be aware that the Recovery Act section 1512(c) provides as follows:

Recipient Reports: Not later than 10 days after the end of each calendar quarter, each recipient that received recovery funds from a Federal agency shall submit a report to that agency that contains—

- (1) the total amount of recovery funds received from that agency;
- (2) the amount of recovery funds received that were expended or obligated to projects or activities; and
- (3) a detailed list of all projects or activities for which recovery funds were expended or obligated, including--
 - (A) the name of the project or activity;
 - (B) a description of the project or activity;
 - (C) an evaluation of the completion status of the project or activity;
 - (D) an estimate of the number of jobs created and the number of jobs retained by the project or activity; and
 - (E) for infrastructure investments made by state and local governments, the purpose, total cost, and rationale of the agency for funding the infrastructure investment with funds made available under this Act, and name of the person to contact at the agency if there are concerns with the infrastructure investment.
- (4) Detailed information on any subcontracts or subgrants awarded by the recipient to include the data elements required to comply with the Federal Funding Accountability and Transparency Act of 2006 (Public Law 109-282), allowing aggregate reporting on awards below \$25,000 or to individuals, as prescribed by the Director of the Office of Management and Budget.

~~Subawards under Recovery Act Grants~~

Reporting: DUNS and CCR. As indicated above, quarterly reporting requirements for Recovery Act awards include reporting with respect to subawards. In order to facilitate that reporting, award recipients must work with their first-tier subawardees (if any) to ensure that, no later than the due date of the award recipient's first quarterly report after a subaward is made, the subawardee has a DUNS numbers and is registered with the Central Contractor Registration (CCR) database. See "Deadline: Registration," above, for more information on CCR and DUNS numbers.

Monitoring of subawards. All applicants should bear in mind that any recipient of an award under this solicitation will be responsible for monitoring of subawards under the grant in accordance with all applicable statutes, regulations, OMB circulars, and guidelines, including the OJP Financial Guide. Primary recipients will be responsible for oversight of subawardee spending and monitoring of specific outcomes and benefits attributable to use of Recovery Act funds.

Reporting Fraud, Waste, Error, and Abuse

Each grantee or subgrantee awarded funds made available under the Recovery Act is to promptly refer to an appropriate inspector general any credible evidence that a principal, employee, agent, contractor, subgrantee, subcontractor, or other person has submitted false claim under the False Claims Act or has committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving Recovery Act funds.

You may report potential fraud, waste, abuse, or misconduct to the U.S. Department of Justice, Office of the Inspector General (OIG) by—

mail: Office of the Inspector General
U.S. Department of Justice
Investigations Division
950 Pennsylvania Avenue, N.W.
Room 4706
Washington, DC 20530

e-mail: oig.hotline@usdoj.gov

hotline: (contact information in English and Spanish): (800) 869-4499

or hotline fax: (202) 616-9881

Additional information is available from the DOJ OIG web site at www.usdoj.gov/oig/.

The Recovery Act provides certain protections against reprisals for employees of non-Federal employers who disclose information reasonably believed to be evidence of gross management, gross waste, substantial and specific danger to public health or safety, abuse of authority, or violations of law related to contracts or grants using Recovery Act funds. For additional information, refer to section 1553 of the Recovery Act.

Performance Measures

To assist in fulfilling the accountability objectives of the Recovery Act, as well as the Department's responsibilities under the Government Performance and Results Act of 1993 (GPRA), Public Law 103-62, applicants who receive funding under this solicitation must provide data that measure the results of their work. In addition, applicants must discuss their data collection methods in the application. The following are **required** measures for awards made under the Recovery Act:

Objective	Performance Measures	Data the grantee provides for 3-month reporting period	Description (Plain language explanation of what exactly is being provided)
Recovery Act: Preserving jobs	Number of jobs saved (by type) due to Recovery Act funding.	a) How many jobs were prevented from being eliminated with the Recovery Act funding during this reporting period? b) How many jobs that were eliminated within the last 12 months were reinstated with Recovery Act funding?	An unduplicated number of jobs that would have been eliminated if not for the Recovery Act funding during the three-month quarter. Report this data for each position only once during the grant. A job can include full time, part time, contractual, or other employment relationship.
Recovery Act: Creating jobs	Number of jobs created (by type) due to Recovery Act funding.	How many jobs were created with Recovery Act funding this reporting period?	An unduplicated number of jobs created due to Recovery Act funding during the three month quarter. Report this data for each position only once during the grant. A job can include full time, part time, contractual, or other employment relationship.

In addition, new performance measures specific to the JAG Program have been developed by BJA with input from criminal justice members in the field (including SAAs). Performance measures can be found at: www.ojp.usdoj.gov/BJA/grant/JAG_Measures.pdf.

How to Apply

Grants Management System Instructions. Applications must be submitted through OJP's online Grants Management System (GMS). To access the system, go to <https://grants.ojp.usdoj.gov>. Applicants should begin the process a few weeks prior to the GMS registration deadline, especially if this is the first time they have used the system. Each application requires a separate GMS registration. For a step-by-step guide, visit <http://www.ojp.gov/gmscbt/> and refer to the section entitled "External Overview: Locating & Applying for Funding Opportunities." For additional assistance, call the GMS Support Hotline at 1-888-549-9901 from 7:00 a.m. to 9:00 p.m. Eastern Time.

Note: OJP will not review any application whose attachments are in Microsoft Vista or Microsoft 2007 format. Applications submitted via GMS must be in the following formats: Microsoft Word (*.doc), Word Perfect (*.wpd), Microsoft Excel (*.xls), PDF files (*.pdf), or Text Documents (*.txt). GMS is not yet compatible with Vista and cannot yet process Microsoft Word 2007 documents saved in the new default form at with the extension ".docx." Please ensure that any Word documents you are submitting are saved using "Word 97-2003 Document (*.doc)" format. Additionally, GMS does not accept executable file types as application attachments. These disallowed file types include, but are not limited to, the following extensions: ".com," ".bat," ".exe," ".vbs," ".cfg," ".dat," ".db," ".dbf," ".dll," ".ini," ".log," ".ora," ".sys," and ".zip."

Recovery Act CFDA Number: The Catalog of Federal Domestic Assistance (CFDA) number for this solicitation is 16.803, titled "Recovery Act: Edward Byrne Memorial Justice Assistance Grant (JAG) Program/Grants to States and Territories."

What an Application Must Include

Standard Form 424

Program Narrative (Attachment 1)

Applicants must submit a program narrative that describes the proposed program activities for the 4-year grant period. The narrative must outline the type of programs to be funded by the JAG award and provide a brief analysis of the need for the programs. Narratives must also identify anticipated coordination efforts involving JAG and related justice funds.

The program narrative must include:

- Project objectives that are linked to meaningful and measurable outcomes consistent with the goals of the Recovery Act, and the likelihood of achieving such outcomes, such as job creation and preservation.
- States are encouraged, where possible and appropriate, to include an estimate of the number of jobs that will be retained or created for programs or projects undertaken with this funding.
- Organization capabilities and competencies, including a description of how the organization will track all drawdowns and grant expenditures separately from other federal funding.
- Activities that can be started and completed expeditiously, and in a manner that maximizes job creation and economic benefits.
- Timeline or project plan identifying when the goals and objectives will be completed.
- Performance measures established by the organization to assess whether grant objectives are being met.

Budget and Budget Narrative (Attachment 2)

~~Applicants must submit a budget and budget narrative outlining how JAG funds, including administrative funds if applicable, will be used to support and implement the program. A sample budget form may be found at www.ojp.usdoj.gov/funding/forms/budget_detail.pdf.~~

Review Narrative (Attachment 3)

Applicants must include in this attachment documentation regarding the following requirements:

- Include the date that the JAG application was made available for review by the applicant's governing body. This governing body notification must occur no less than 30 days before submission to BJA.
- Include a statement that the application was made public and that, to the extent of applicable law or established procedure, an opportunity to comment was provided to citizens and neighborhood or community organizations.

Abstract (Attachment 4)

Applicants must provide an abstract which includes the applicant's name, title of the project, the goals of the project, a description of the strategies to be used, major deliverables, and coordination plans. The abstract must not exceed one-half page, or 400-500 words.

Certifications (Attachment 5)

See the Appendix.

Review Process

OJP is committed to ensuring a standardized process for awarding grants. The Bureau of Justice Assistance reviews the application to make sure that the information presented is reasonable, understandable, measurable, and achievable, as well as consistent with program or legislative requirements as stated in the solicitation.

Absent explicit statutory authorization or written delegation of authority to the contrary, all final grant award decisions will be made by the OJP Assistant Attorney General (AAG).

Additional Requirements

Successful applicants selected for awards under this Recovery Act solicitation must agree to comply with additional applicable requirements prior to receiving grant funding. We strongly encourage you to review the list below pertaining to these additional requirements prior to submitting your application. Additional information for each can be found at www.ojp.usdoj.gov/recovery/solicitationrequirements.htm.

- Civil Rights Compliance
 - Funding to Faith-Based Organizations
 - Confidentiality and Human Subjects Protection
 - Anti-Lobbying Act
 - Financial and Government Audit Requirements, includes Single Audit Act Requirements
-
- National Environmental Policy Act (NEPA)
 - DOJ Information Technology Standards
 - Single Point of Contact Review
 - Non-Supplanting of State and Local Funds
 - Criminal Penalty for False Statements
 - Compliance with Office of Justice Programs *Financial Guide*
 - Suspension or Termination of Funding
 - Non-Profit Organizations
 - For-Profit Organizations
 - Government Performance and Results Act (GPRA)
 - Rights in Intellectual Property

- Federal Funding Accountability and Transparency Act (FFATA) of 2006
- Recovery Act Reporting Requirements; Section 1512(c) of the Recovery Act
- Section 1511 of the Recovery Act: Certifications
- Section 1602 of the Recovery Act: Preference for Quick-Start Activities
- Section 1604 of the Recovery Act: Limit on Funds
- Section 1605 of the Recovery Act: Buy American
- Section 1606 of the Recovery Act: Wage Rate Requirements
- Section 1607 of the Recovery Act: Additional Funding Distribution and Assurance of Appropriate Use of Funds
- Section 1609 of the Recovery Act: Relating to National Environmental Policy Act

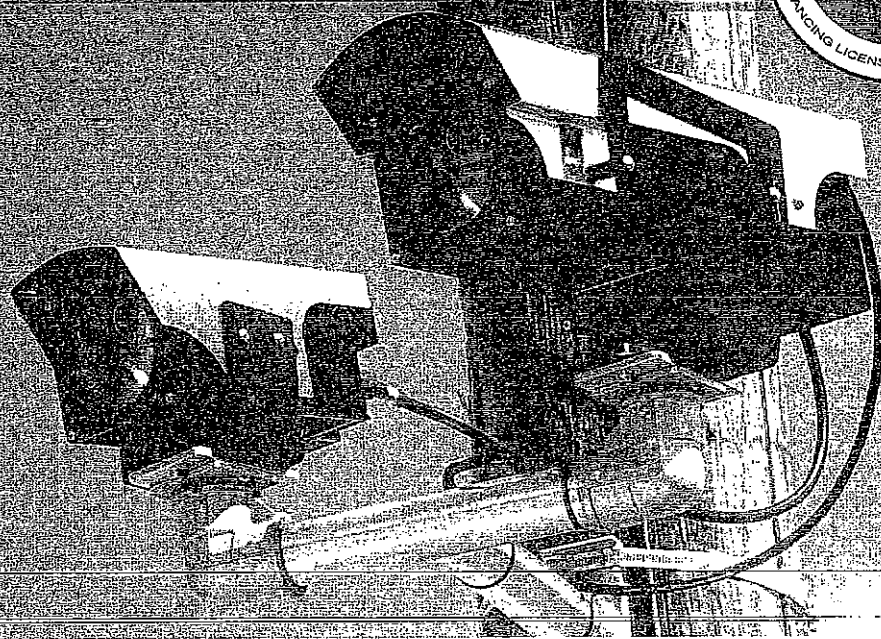


BJA FY11

**EDWARD BYRNE MEMORIAL
JUSTICE ASSISTANCE GRANT**

Layman

THE ALL-IN-ONE FIXED PLATE HUNTER-900® ALPR SYSTEM



ELSAG's new Fixed Plate Hunter-900® ALPR technology is now an All-In-One (AIO) system that combines the power of our fixed digital cameras with a hyper ruggedized mini computer along with low power consumption to eliminate the need for additional hardware in fixed applications. This compact, efficient system can be set up anywhere and even deployed as a best of class covert solution.

- Solid State 64 GB hard drive (larger sizes available) and 1.33 GHz Intel Atom Processor, 2 GB flash memory and rugged military connectors.
- Three Ethernet ports for additional FPH-900® cameras in order to support multi lane coverage; two USB ports.
- Optional communication slots which support both cellular or Wi-Fi connectivity, allowing for seamless integration with ELSAG Operation Center™ software.
- Low power consumption.
- Low installation costs.

For more information about how ELSAG's All-In-One FPH-900® Automatic License Plate Recognition technology can aid your missions, contact us at 866.9.MPH.900.

ELSAG North America, LLC, a Finmeccanica company | Global Leaders In Public Safety Technology

1 (866) 9MPH.900 | 1 (866) 967.4900 | info@elsag.com | www.elsag.com

YOUR MISSION... IS OUR MISSION.

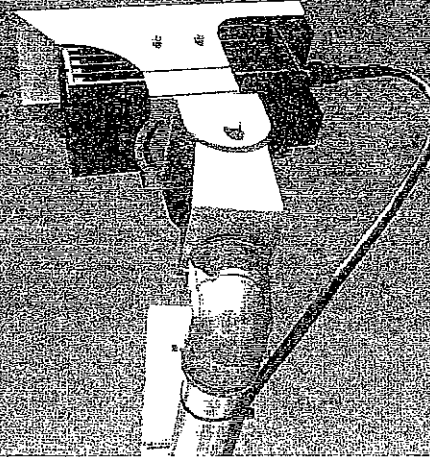
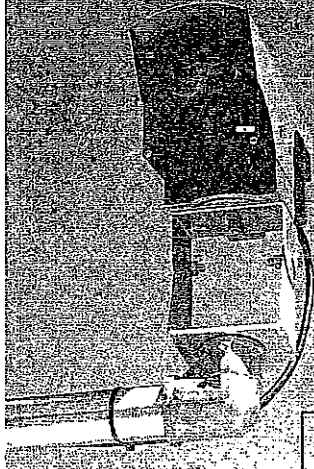
Made In The USA

10/14/10



ELSAG
North America
A Finmeccanica Company

FIXED AUTOMATIC LICENSE PLATE READER



Fixed Plate Hunter-900®

ELSAG NA's Automatic License Plate Reader (ALPR), the Fixed Plate Hunter-900® (FPH-900®) can be mounted to bridges, gates, overpasses and other stationary structures to help constantly monitor sensitive areas. Data captured can be reviewed for relevant periods of time assisting with vehicle tracking and other investigative purposes.


Cameras, a processing unit and proprietary software, allow customers to capture images of license plates and instantaneously compare them with millions of Hot List records to identify vehicles of interest. This highly advanced Automatic License Plate Reader reads plates day or night, from all European countries. It can also read other alphanumeric identification systems—even from 1500 feet in the air. ELSAG's FPH-900® ALPR system minimizes the guesswork and safety risks that challenge law enforcement officers every day.

With superior algorithm technology, no other ALPR system comes close to the FPH-900's ease of deployment, capabilities and accuracy.

ELSAG North America, LLC, a Finmeccanica company : *Global Leaders In Public Safety Technology*

1 (866) 9MPH.900 | 1 (866) 967.4900 | info@elsag.com | www.elsag.com

YOUR MISSION... IS OUR MISSION.

 Made In The USA

10/34/10



ELSAG
North America
A Finmeccanica Company

City of Lenexa Police Department

Lt. Dawn Layman
 12500 W 87th St.
 Lenexa, KS 66215
 Phone (913) 825-8042 Fax (913) 888-0660



DATE: February 28, 2012
 INVOICE #

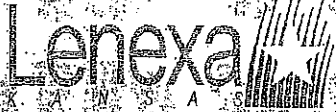
BILL TO:
 Johnson County Sheriff's Office
 125 Cherry St.
 Olathe, KS 66061

FOR: |2011-DJ-BX-2735

Attn: Kent Brown
 913-791-5199

DESCRIPTION		RATE	AMOUNT
Fixed License Plated Reader systems AD3AIO Cell ELSAG	2.00	16390.00	\$ 32,780.00
Engineering Support	2.00	1250.00	2,500.00
Operatoin Center License	2.00	1275.00	2,550.00
TOC Unlimited Service	2.00	975.00	1,950.00
Shipping	1.00	23.00	23.00
City of Lenexa Funding (28,058.00) Lenexa #305376			(28,058.00)
Grant Reimbursement-Fixed License Plate Readers-ELSAG 11,745.00 due from Grant			
SUBTOTAL			\$ 11,745.00
TAX RATE			
SALES TAX			-
OTHER			
TOTAL			\$ 11,745.00

Make all checks payable to City of Lenexa Police Department



ACCOUNTS PAYABLE

UMB BANK
KANSAS CITY, MISSOURI
18-69

Security features included. Details on back.

305376

FEDERAL ID # 40-6085044
SALES TAX EXEMPTION # KSB2C55N0W

CHECK DATE
02/24/12

CHECK NO.
305376

AMOUNT \$****39,803.00*

PAY THE SUM OF THIRTY NINE THOUSAND, EIGHT HUNDRED THREE DOLLARS AND ZERO CENTS

VOID AFTER 90 DAYS

TO THE ORDER OF
ELSAG NORTH AMERICA LLC
205 H. CREEK RIDGE ROAD
GREENSBORO NC 27406

⑆305376⑆ ⑆101000695⑆ ⑆9871902145⑆

CITY OF LENEXA

VENDOR NO. 15192

CHECK NO. 305376

ACCOUNT	PURCH. ORDER	INVOICE NUMBER	AMOUNT	DESCRIPTION
213777	5316	16380S	11,745.00	fixed cameras/service
216000	5316	16380S	28,058.00	Fixed Cameras/serv pl

15192 ELSAG NORTH AMERICA LLC

The City of Lenexa's sales tax exemption number is KSB2C55N0W.

If your company requires an exemption form to be on file, it can be found on the City's website.

We are also offering payments by ACH. If your company accepts ACH payments, please fax the form found at www.ci.lenexa.ks.us under Finance Dept., Applications & Forms/ACH Enrollment Form to (913)477-7586 or email us at lfid@ci.lenexa.ks.us.

ELSAG North America
 205-H Creek Ridge Road
 Greensboro, NC 27406

APPROVED
 213727 5376 11,745.
 4048
 2/20/2012 10:21:18 AM

INVOICE

Invoice Number: 16380S
 Invoice Date: Jan 19, 2012
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

Duplicate

APPROVED
 2/21/2012 11:34:58 AM

RETURN CK TO DEPT

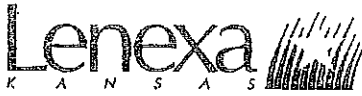
Bill to: Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States	Ship to: Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States
------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------

Customer ID Lenexa Police Dept.	Customer PO 20110176	Payment Terms Net 15 Days
Sales Rep ID MAXWELL	Shipping Method Ground	Ship Date 1/19/12
		Due Date 2/3/12

Quantity	Item	Description	Unit Price	Amount
2.00	120027	AD3 AIO Call	16,390.00	32,780.00
2.00	420046C	FCU-900-MINI-AIO		
2.00	210003	Engineering Support - Days	1,250.00	2,500.00
2.00	410322	Operation Center License	1,275.00	2,550.00
2.00	520108	TOC UNLIMITED SERVICE - 3 YEAR	975.00	1,950.00
2.00	520001	Service Plan Year 1		
1.00	210012	Shipping Service	23.00	23.00
Subtotal				39,803.00
Sales Tax				
Total Invoice Amount				39,803.00
Payment/Credit Applied				
TOTAL				39,803.00

Check/Credit Memo No:

Overdue invoices are subject to late charges.



VENDOR
 15192
 ELSAG NORTH AMERICA LLC
 205 H CREEK RIDGE ROAD
 GREENSBORO NC 27406

SHIP TO
 CITY OF LENEXA-POLICE DEPARTME
 12500 WEST 87TH STREET PARKWAY
 LENEXA, KANSAS
 66215
 ATTN: LAYMAN/EVANS

ORDER DATE: 10/27/11	BUYER: TE	REQ. NO.: 33434	REQ. DATE:
----------------------	-----------	-----------------	------------

TERMS: NET 30 DAYS	F.O.B.:	DESC.:
--------------------	---------	--------

ITEM#	QUANTITY	UOM	DESCRIPTION	UNIT PRICE	EXTENSION
01	1.00	EA	2-AIG 120027, 2 ENGINEERING DAYS 210003, 2-EOC LICENSE FEE 410322, AND 2-TOC 520108 STOCK NO. 2011-161	11745.0000	11,745.00
02	1.00	EA	SPLIT COST BETWEEN 213777 AND 216000 STOCK NO. 2011-161	28058.0000	28,058.00

ITEM#	ACCOUNT	AMOUNT	PROJECT CODE	PAGE TOTAL \$	39,803.00
01	213777	5316		TOTAL \$	39,803.00
02	216000	5316			

APPROVED BY:

Lenetta Cornejo
 Authorized Signature

QUOTE



ELSAGNorthAmerica
A Finmeccanica Company



Prepared by: Matt Maxwell
Phone: 937-572-9014
Email: matthew.maxwell@elsag.com

205 - H Creek Ridge Road
Greensboro, NC 27406
Duns # 196140821
FED TAX ID# 800119568
Tel: 1.877-77-ELSAG
(1.877.773.5724)
Fax: 1.336.379.7164

Quote#: 2011-161
Funding Source:
Grant Details:
Payment Method:

Quote Date: 10/19/2011
Quote Expiry Date: 12/18/2011
Scheduled Install Date:

Terms: Net 30 days from date of shipment. If installation is required then Net 30 days from the Installation Date. Elsag agrees not to ship equipment until an Installation Date is agreed upon by the Parties. All orders shipped FOB Greensboro.

Comment:

Bill To:	Lenexa Police Department 12500 W 87th Street LENEXA, KS 66215 United States Phone:(913) 825-8042	Ship To:	Lenexa Police Department 12500 W 87th Street Lenexa, KS 66215 United States Phone:(913) 825-8042
----------	-------------------------------------------------------------------------------------------------------------------------	----------	-------------------------------------------------------------------------------------------------------------------------

Product Qty	Product /Service	Unit Price	Amount
2	AIO (120027) Ground Shipping	16,390.00	32,780.00 23.00
2	Engineering Days(210003)	1,250.00	2,500.00
2	EOC License Fee (410322)	1,275.00	2,550.00
2	TOC (520108)	975.00	1,950.00
Upfront	Goods & Services Sub-total (Pre-Tax):		39,803.00
	Tax Exempt		0.00
	Goods & Services Total:		39,803.00

* Training and 24 Hour Telephone Support are included in your purchase at no additional cost and will continue throughout your warranty period.

* Terms listed above may not be changed or modified unless in writing and signed by authorized representative of Elsag. Elsag will not be bound by any terms of Buyer's purchase order unless expressly agreed to in writing and signed by an authorized representative of Elsag.

**Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:**

City of Lenexa, Johnson County, Kansas

Program Narrative

The City of Lenexa has a population of approximately 49,000 residents with a business population around 90,000. The City is primarily industrial based serving high tech communication centers, national and local laboratories, critical emergency management centers, public utilities, regional land-based shipping hubs, warehouses, underground storage, and financial processing centers. Lenexa is located in the heart of the Midwest along Interstate I-35, a major freeway extending from Mexico to Canada. These factors combine to make Lenexa a primary target for criminal activity and a viable target for terrorism.

In keeping with the philosophy and mission of the Lenexa Police Department: ~~"Working in partnership to protect and serve the community with honor, integrity and professionalism", we have created strong partnerships with our residential~~ and business communities. Our community consists of single and multi-family residential, retail, commercial and residential construction sites, hotels and storage locker facilities. Our officers and personnel are actively involved in proactive intelligence led policing efforts to solve problems and identify potential problems within our community.

As a means to continue to be proactive and responsive to the needs of the community and enhance our intelligence led policing efforts we are requesting funds to enhance our current license plate reader program.

The **Automatic License Plate Reader (LPR)** from ELSAG North America, is made in the United States of America and their local distributor is located in Olathe, Johnson County Kansas. We wish to enhance our current mobile LPR systems with two fixed systems. Our current system consists of two mobile units and was put in place with the assistance of funds from a 2009 JAG/BYRNE Grant. Since, implementation of our system in December 2009 we have recorded approximately 2 million reads. This has resulted in several arrests, recovery of stolen property, and more importantly; we have utilized the data as evidence in investigative efforts in crimes ranging from property type crimes to homicide. The LPR systems allow our department to collect data and have proven to provide the following benefits:

- Proactively remove suspended and revoked drivers from the road
- Proactive identification of wanted subjects
- Recovery of stolen vehicles

- Assistance with AMBER Alerts and missions related to missing and exploited children
- Development and maintenance of Sexual Predators Hot Lists
- Drug interdiction
- Highway Safety
- Identifying commercial vehicles targeted for inspection from PRISM
- Homeland Security initiatives
- Gang and racketeering interdiction
- Provides a searchable database for criminal intelligence.

The City of Lenexa in partnership with several agencies in the Kansas City Metropolitan area have entered into the ALERT-ETAC System. The purpose of this cooperative venture of the criminal justice agencies in the Kansas City Metro area is to enhance the effectiveness of law enforcement and justice agencies by increasing the information sharing related to criminal activities. The implementation of the ALERT-ETAC System serves as a solution to the problems of inaccessible or irretrievable information resulting from the disparate information systems that lack a common platform and the difficulty in sharing data across jurisdictional boundaries.

Our goal is to integrate and share the data collected from our LPR system with other agencies and to share data with other agencies who also acquire LPR systems. The sharing and collection of data will assist officers and investigators in multiple jurisdictions to solve crime and identify potential threats.

**Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:**

City of Lenexa, Johnson County, Kansas

Budget Worksheet

Qty	DESCRIPTION	Each	Extended
	Automatic License Plate Reader		
2	FPH 900 All in One Fixed High Performance License Plate Reader – Includes solid state 64GB hard drive, 2GB flash memory, three Ethernet ports, two USB ports.	\$16,390.00	\$32,780.00
2	MPH-900 OPC Operations Center License designed to coordinate multiple fixed and mobile units across.	\$1,275.00	\$2,550.00
2	Engineering Days – Day rate fro ELSAG North America engineering staff either on site or in development lab.	\$1,250.00	\$2,500.00
	<i>Total for LPR Project</i>		\$37,853.00
			JAG/BYRNE Grant Funds
			-\$ 11,745.00
			\$26,108.00

The above project is expected to be in place within ninety days of receiving notification that the grant has been awarded. The draw down on funds will occur within 90 days of the grant award notification.

Lt. Dawn Layman will be the Lenexa Police Department agency contact on all matters concerning this grant award and will be responsible for project monitoring as well as quarterly compliance reporting.

Lt. Dawn Layman
Lenexa Police Department
12500 W. 87th St.
Lenexa, KS 66215
(913)825-8042
dlayman@ci.lenexa.ks.us

**Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:**

City of Lenexa, Johnson County, Kansas

Review Narrative

The (JAG) application grant was made available for review to the Lenexa Governing Body on July 8, 2011. This has also been placed on the agenda for the regular City Council Meeting on July 19, 2011. On July 19, 2011 the Governing Body authorized the Mayor to sign the memorandum of understanding with the Johnson County Sheriff's Office and participating cities.

The application was made public on the City website (<http://www.ci.lenexa.ks.us>) on July 8, 2011 with a notice for the opportunity for public comment on the application to be held at the Lenexa City Council meeting on July 19, 2011.

**Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:**

City of Lenexa, Johnson County, Kansas

Abstract Narrative

The License Plate Reader project outlined includes two fixed License Plate Reader camera units. The project will be funded with the grant and supplemented with funds from the City of Lenexa Police Department.

Our overall goal in implementing this technology based project within the Lenexa Police Department is to continue to be proactive and responsive to the needs of the community and enhance our intelligence led policing efforts. The project has a significant impact on efficiency and accountability within the department. The project will encompass several overall strategies to include implementation, tracking and data sharing. Quarterly financial and programmatic reporting to include the implementation process and outcomes for the project will be submitted according to requirements set forth in the Edward Byrne Memorial Justice Assistance Grant (JAG) Program FY 2011 Local Solicitation.

Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:
Johnson County Equipment Purchase
Abstract Narrative

The Johnson County Sheriff's Office will be the administrative and fiscal reporting agency for the disparity funding grant on behalf of the cities of Lenexa, Merriam, Shawnee, Olathe and Overland Park for the Edward Byrne Memorial Grant. The Johnson County Sheriff's Office acknowledges that a disparity exists among Johnson County and the cities of Olathe, Lenexa, Shawnee, Merriam and Overland Park in Kansas. Projects funded through this grant are faceted for law enforcement and will include purchases of equipment to support programs and purchases for replacing aged and outdated equipment.

Lenexa License Plate Reader Program. The project funded for the Lenexa police department will support data sharing/linkage and policing as the agency will increase their capacity in their license plate reader program. Data collected through this process can be utilized by agencies that share in the multi jurisdictional ETAC program. Project Identifiers: Data Sharing/Linkage and Equipment-Tactical

Merriam Less-Than-Lethal Program. The project funded for the Merriam police department will support the less-than-lethal program. Merriam has chosen to purchase Tasers® which will be issued to officers in various areas of law enforcement. Project Identifier: Less-Than-Lethal

Olathe Equipment Update Project. The Olathe police department will pursue projects that replace aged and obsolete equipment. These projects include a less-than-lethal program in their purchase of Tasers® and Capsicum canisters, equipment-video/audio recording for belt recorders for officers interacting with the public, a policing program that will replace two aged radars, and a general equipment program for their replacement of a non-functioning printer. Project Identifier: Equipment-General

Overland Park and Shawnee License Plate Reader Programs. The police departments of Shawnee and Overland Park will use their JAG funding to support tactical enforcement and policing activities with their purchase of license plate readers. Both agencies believe the benefits of information gained through this purchase will increase enforcement action within their cities and aid in the recovery of stolen vehicles. Project Identifiers: Data Sharing/Linkage and Equipment-Tactical

The timeline for grant programs has been established with programs commencing thirty to sixty days after grant awards. Most programs have target dates for final equipment purchases no later than October 2011. Funds provided for the programs will improve the quality of service each agency provides to its community through their activities, upgrades and equipment purchases.

**Edward Byrne Memorial Justice Assistance Grant (JAG) Formula Program
FY2011 Local Solicitation:**

Program Narrative

The Johnson County Sheriff's Office is applying for \$144,695 in grant funds through the Bureau of Justice Assistance Edward Byrne Memorial Local Law Enforcement Grant Program. The Johnson County Sheriff's Office will assume the role of fiscal agent for the purposes of this coordinated grant and will administer the financial and programmatic requirements. Due to a disparate allocation between the county and the municipalities, a single joint application must be filed per the grant specifications. The Johnson County Sheriff's Office is applying on behalf of the cities of Lenexa, Merriam, Olathe, Shawnee and Overland Park. A Memorandum of Understanding (MOU) among the eligible cities and Johnson County has been collected from and signed by each participating city and the County. On July 14, 2011, the objective for the Edward Byrne Memorial Justice Assistance Grant was presented to the Johnson County Board of County Commissioners (BOCC) and approved by the BOCC on July 21, 2011. The activity allowed for citizen comment and to obtain the BOCC's approval with the BOCC's chairman's signature on the MOU. There were no public comments were received.

Component 1 (\$11,745) Lenexa Police Department Automatic License Plate Reader (LPR)

~~The Lenexa Police Department will purchase 2 ELSAG North America license plate reader (LPR) systems. The system will include 2 License Plate Readers, 2 Licenses and 2 engineering days either on site or in development lab.~~

The ELSAG North America LPR will enhance the current mobile LPR with two fixed systems. The previous data collected by the LPR has allowed identification and action in various areas of law enforcement, including but not limited to suspended and revoked drivers, wanted suspects, stolen vehicles recoveries, assistance with AMBER Alerts, gang and racketeering interdiction. In addition the LPR provides a searchable database for criminal intelligence.

The price for the ELSAG North America License Plate Reader system is \$37,853 with \$11,745 to be paid with the FY11 JAG funding and the additional \$26,108 to be paid from supplemented funding from the City of Lenexa.

Qty	Description	Unit Price	Total Cost
	Automatic License Plate Reader		
2	FPH 900 All in One Fixed high performance license plate reader-includes solid state 64GB hard drive, 2GB flash memory, three Ethernet ports, and two USB ports and shipping costs.	\$16,401.50	\$32,803
2	MPH-900 OPD Operations Center License	\$1,275	\$2,550
2	Engineering Days -- Day rate from ELSAG North America engineering staff for on site or in lab development.	\$1,250	\$2,500
	Total Cost		\$37,853
	Less city additional funds		-\$26,108
	Total Federal Funds		\$11,745

Component 1 Time Line and Performance Measures

In year one October 1, 2011 – September 30, 2012

- 1) **30 days after grant award:** order will be placed through a local company ELSAG North America located in Olathe Kansas.
- 2) **120 days after grant award:** equipment will be in use and fully functional

Goals and Performance Measures for this project include:

- 1) Successful implementation and operation of LPR units in mobile operations
- 2) License for operation of the LPR system
- 3) Monitoring and follow up leads of mined data obtained from the LPR system

Component 2 (\$10,950) Merriam Police Department TASER® Electro Muscular Disruption Device

~~The Merriam police department will purchase TASER® electro Muscular Disruption Device (TASER®) for officer use. It has been shown the use of the TASER® in use of force encounters has reduced the~~
amount of injuries to officers and suspects alike. There are not enough devices to equip every officer while working extra assignments i.e., SWAT call outs, court security assignments, and investigations. With enough supply to outfit every officer with their own TASER®, the weapon will be available for all officer assignments. TASER® cartridge damage has been cited as a result of excessive handling among officers. With the purchase of additional cartridges and one to one TASER® assignment, the reduction of damage to cartridges should be reduced.

Price of the TASER® X26 Electro Muscular Disruption Devices and additional cartridges is \$10,950

Qty	Description	Unit Price	Total Cost
	TASER® Electro Muscular Disruption Devices		
13	X26 TASER® Compressed nitrogen propulsion and transmits HEMI impulses. Effective at a distance up to 35 feet.	\$785	\$10,205
24	TASER® Cartridges for X26 TASER®	\$30	\$720
	Estimated Shipping Costs	\$25	\$25
	Total Cost		\$10,950

Component 2 Time Line and Performance Measures

In year one October 1, 2011 – September 30, 2012

- 1) **1-30 days after grant award:** bids will be obtained on taser equipment and cartridge supplies
- 2) **31-60 days after grant award:** order for equipment purchase will be issued to vendor.
- 3) **61-90 days after grant award:** issue equipment to personnel for field use

Goals and Performance Measures for this project include:

- 1) Successful implementation and operation of taser to personnel
- 2) Cost savings realized from purchase of additional tasers and cartridges
- 3) Number of times tasers were deployed.

Component 3 (\$66,674) Olathe Police Department Taser®, Recorders, Radars, Printer and Capsicum Canisters

The Olathe Police Department will purchase 43 Taser® that will replace aging equipment, 90 Belt Recorders for audio recordings of citizen contacts, two Laser Radars which will replace current aged equipment and provide enhanced operation as newer technology has improved the equipment operation, four Oleoresin Capsicum Canisters to provide crowd control and deter civil unrest, one Bar code printer to replace aging technology and used primarily for property and evidence labels.

Several items will be replaced due to inoperable equipment, excessive repair costs and obsolete technology. Laser radars, due to aging, have experienced down time resulting in a loss of revenue. The replacement of these items will ensure updated technology, savings of equipment repairs and sustained revenue realized from enforcement infractions.

The Taser® currently in use will be replaced at the recommendation of the manufacturer due to the age of the equipment. Replacement Taser® will be utilized by front line personnel and will ensure positive operation of equipment.

Cost for the replacement equipment and crowd control items is estimated at \$66,674 and itemized below.

Qty	Description	Unit Price	Total Cost
	Replacement equipment and supplies		
43	Taser® Purchased from Ed Roehr Safety Products	\$1,000	\$43,000
90	Belt Recorders Used by patrol division	\$150	\$13,500
2	Laser Radars Purchased from Kustom Signals	\$3,200	\$6,400
4	Large Oleoresin Capsicum Canisters	\$400	\$1,600
1	Interface Systems Bar Code Printer	\$2,174	\$2,174
	Total Cost		\$66,674

Component 3 Time Line and Performance Measures

In year one October 1, 2011 – September 30, 2012

- 1) **30 days after grant award:** order will be placed through a local company ELSAG North America located in Olathe Kansas.
- 2) **120 days after grant award:** equipment will be in use and fully functional

Goals and Performance Measures for this project include:

- 1) Successful implementation and operation of LPR units in mobile operations
- 2) License for operation of the LPR system
- 3) Monitoring and follow up leads of mined data obtained from the LPR system

Component 4 (\$14,527) Shawnee Police Department ELSAG North America License Plate Reader (LPR)

The Shawnee Police Department will purchase 1 ELSAG North America license plate reader (LPR) system.

The ELSAG North America LPR will enhance the detection and apprehension of criminal offenders within the City of Shawnee generally, and will be used within areas identified through the Shawnee Police Department's DDACTs initiative.

The price for the ELSAG North America License Plate Reader MPH-900 ALPR system is \$21,505 with \$14,527 to be paid with the FY11 JAG funding and the additional \$6,978 to be paid from the City's Special Narcotics Special Revenue Fund in FY2012.

Qty	Description	Unit Price	Total Cost
	Automatic License Plate Reader		
1	MPH- 900 ALPR License Plate Reader Reads plates from all 50 states, alerts within milliseconds and features multi-level alarms, versatile camera configuration and data sources.	\$21,505	\$21,505
	Total Cost		\$21,505
	Less city additional funds		(\$6,978)
	Total Federal Funds		\$14,527

Component 4 Time Line and Performance Measures

In year one October 1, 2011 – September 30, 2012

- 1) **1- 30 days after grant award:** Select requested equipment and obtain cost estimates
- 2) **31-60 days after grant award:** Collaborate with IT staff to identify necessary software and hardware support for project
- 3) **61-90 days after grant award:** Request funds for equipment purchase
- 4) **91-120 days after grant award:** Receive equipment and installation
- 5) **121+ days after grant award:** Equipment in use and operational

Goals and Performance Measures for this project include:

- 1) Successful implementation and operation of LPR unit in mobile operations
- 2) Use is the described areas for DDACT initiative
- 3) Monitor and follow up leads of mined data obtained from the LPR system
- 4) Report the number of arrests from equipment in use.

Component 5 (\$40,799) Overland Park Police Department Automatic License Plate Reader (LPR)

The Overland Park Police Department will purchase two ELSAG North America license plate reader (LPR) systems. The system will include two License Plate Readers, and two Licenses.

The ELSAG North America LPR will allow use of this LPR technology to efficiently gather plate information and aid in apprehension of wanted criminals. This LPR technology can provide measurable benefits by helping officers in enforcement action. Use of this equipment will become beneficial in recovery of stolen vehicles, locating drivers with active warrants or suspended license and identification of expired or stolen license plates. In addition the LPR provides a searchable database for criminal intelligence.

The price for the ELSAG North America License Plate Reader system is \$42,650 with \$1,851 to be paid with federal forfeiture funds or from the general operating budget from the City of Overland Park.

Qty	Description	Unit Price	Total Cost
	Automatic License Plate Reader		
2	MPH 900XE Mobile license plate reader includes LPR processor, 6 cameras, cables and related software.	\$20,350	\$40,700
2	Operations Center License	\$975	\$1,950
	Total Cost		\$42,650
	Less city Additional Funds		(\$1,851)
	Total Federal Funds		\$40,799

Component 5 Time Line and Performance Measures

In year one October 1, 2011 -- September 30, 2012

- 1) **1-180 days after grant award:** Obtain bids for equipment
- 2) **181+ days after grant award:** Order and receive equipment, put equipment into operation

Goals and Performance Measures for this project include:

- 1) Successful implementation and operation of LPR units in mobile operations
- 2) License for operation of the LPR system
- 3) Monitoring and follow up leads of mined data obtained from the LPR system
- 4) Report the number of arrests made as a result of LPR equipment

Detail Budget Worksheet

BUDGET SUMMARY	AMOUNT
A. Personnel	\$0.00
B. Fringe Benefits	\$0.00
C. Travel	\$0.00
D. Equipment	\$144,695.00
LENEXA POLICE DEPARTMENT	
License Plate Reader Package 2 x \$18,926.50 ea	37,853.00
Funds from City of Lenexa	<u>(26,108.00)</u>
Funds from JAG Byrne Grant	<u>11,745.00</u>
MERRIAM POLICE DEPARTMENT	
Tasers@ 13 x \$785 ea	10,205.00
Taser@ cartridges 24 x \$30 ea	720.00
Shipping costs 1 x \$25	25.00
Funds from JAG Byrne Grant	<u>10,950.00</u>
QUATHE POLICE DEPARTMENT	
Tasers@ 43 x \$1,000 ea	43,000.00
Belt Recorders 90 x \$150 ea	13,500.00
Laser Radars 2 x \$3,200 ea	6,400.00
Capsicum Canisters 4 x \$400 ea	1,600.00
Bar Code Printer 1 x \$2,174 ea	2,174.00
Funds from JAG Byrne Grant	<u>66,674.00</u>
SHAWNEE POLICE DEPARTMENT	
License Plate Readers 1 x \$21,505	21,505.00
Funds from City of Shawnee	<u>(6,978.00)</u>
Funds from JAG Byrne Grant	<u>14,527.00</u>
OVERLAND PARK POLICE DEPARTMENT	
License Plate Reader Package 2 x \$21,325	42,650.00
Funds from City of Overland Park	<u>(1,851.00)</u>
Funds from JAG Byrne Grant	<u>40,799.00</u>
E. Supplies	\$0.00
F. Construction	\$0.00
G. Consultants / Contracts	\$0.00
H. Other	\$0.00
Total Direct Costs	\$144,695.00
I. Indirect Costs	\$0.00
TOTAL PROJECT COSTS	\$144,695.00

Federal Request	\$ 144,695.00
Non-Federal Amount	\$

EDWARD BYRNE MEMORIAL
JUSTICE ASSISTANCE GRANT (JAG) PROGRAM
BUDGET NARRATIVES

Lenexa Police Department Component 1 \$11,745 License Plate Reader

2- FPH 900 ESLAG License Plate Readers - Fixed high performance license plate reader, includes solid state 64GB hard drive, 2GB flash memory, three Ethernet ports, and two USB ports.	Total \$32,803
2-Operations Center License –License Plate Reader licenses	Total \$2,550
2-Engineering days- Site visit or lab work	Total \$2,500
1-City of Lenexa payment on cost above allotment	Total (\$26,108)

Merriam Police Department Component 2 \$10,950 TASERS® and Cartridges

13-Tasers	Total \$10,205
24-Taser Cartridges	Total \$720
1-Shipping Costs	Total \$25

Olathe Police Department Component 3 \$66,674 TASERS®, Recorders, Radars, Printer, gas canisters

43-Tasers	Total \$43,000
90-Belt Recorders	Total \$13,500
2-Laser Radars	Total \$6,400
4-Large Oleoresin Capsicum Canisters	Total \$1,600
1-Interface Systems Barcode Printer	Total \$2,174

EDWARD BYRNE MEMORIAL
JUSTICE ASSISTANCE GRANT (JAG) PROGRAM
BUDGET NARRATIVES

(continued)

Shawnee Police Department Component 4 \$14,527 License Plate Readers

1-MPH-900 License Plate Readers	Total \$21,505
1-City of Shawnee payment on cost above allotment	Total (\$6,978)

Overland Park Police Department Component 5 \$40,799 License Plate Readers

2-ELSAG North American License Plate Readers	Total \$40,700
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2-Operations Center License	Total \$1,950
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1-City of Overland Park payment on cost above allotment	Total (\$1,851)
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Department of Justice
Office of Justice Programs

Office of the Assistant Attorney General

Washington, D.C. 20531

August 12, 2011

Sheriff Frank Denning
Johnson County
125 North Cherry Street
Olathe, KS 66061-3443

Dear Sheriff Denning:

On behalf of Attorney General Eric Holder, it is my pleasure to inform you that the Office of Justice Programs has approved your application for funding under the FY 11 Edward Byrne Memorial Justice Assistance Grant (JAG) Program Local Solicitation in the amount of \$144,695 for Johnson County.

Enclosed you will find the Grant Award and Special Conditions documents. This award is subject to all administrative and financial requirements, including the timely submission of all financial and programmatic reports, resolution of all interim audit findings, and the maintenance of a minimum level of cash-on-hand. Should you not adhere to these requirements, you will be in violation of the terms of this agreement and the award will be subject to termination for cause or other administrative action as appropriate.

~~If you have questions regarding this award, please contact:~~

- Program Questions, Shauna D. Connolly, Program Manager at (202) 353-0019; and
- Financial Questions, the Office of the Chief Financial Officer, Customer Service Center (CSC) at (800) 458-0786, or you may contact the CSC at ask.ocfo@usdoj.gov.

Congratulations, and we look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read "L. Robinson".

Laurie Robinson
Assistant Attorney General

Enclosures



Department of Justice
Office of Justice Programs
Office for Civil Rights

Washington, D.C. 20531

August 12, 2011

Sheriff Frank Denning
Johnson County
125 North Cherry Street
Olathe, KS 66061-3443

Dear Sheriff Denning:

Congratulations on your recent award. In establishing financial assistance programs, Congress linked the receipt of Federal funding to compliance with Federal civil rights laws. The Office for Civil Rights (OCR), Office of Justice Programs (OJP), U.S. Department of Justice is responsible for ensuring that recipients of financial aid from OJP, its component offices and bureaus, the Office on Violence Against Women (OVW), and the Office of Community Oriented Policing Services (COPS) comply with applicable Federal civil rights statutes and regulations. We at OCR are available to help you and your organization meet the civil rights requirements that come with Justice Department funding.

Ensuring Access to Federally Assisted Programs

As you know, Federal laws prohibit recipients of financial assistance from discriminating on the basis of race, color, national origin, religion, sex, or disability in funded programs or activities, not only in respect to employment practices but also in the delivery of services or benefits. Federal law also prohibits funded programs or activities from discriminating on the basis of age in the delivery of services or benefits.

Providing Services to Limited English Proficiency (LEP) Individuals

In accordance with Department of Justice Guidance pertaining to Title VI of the Civil Rights Act of 1964, 42 U.S.C. § 2000d, recipients of Federal financial assistance must take reasonable steps to provide meaningful access to their programs and activities for persons with limited English proficiency (LEP). For more information on the civil rights responsibilities that recipients have in providing language services to LEP individuals, please see the website at <http://www.lep.gov>.

Ensuring Equal Treatment for Faith-Based Organizations

The Department of Justice has published a regulation specifically pertaining to the funding of faith-based organizations. In general, the regulation, Participation in Justice Department Programs by Religious Organizations; Providing for Equal Treatment of all Justice Department Program Participants, and known as the Equal Treatment Regulation 28 C.F.R. part 38, requires State Administering Agencies to treat these organizations the same as any other applicant or recipient. The regulation prohibits State Administering Agencies from making award or grant administration decisions on the basis of an organization's religious character or affiliation, religious name, or the religious composition of its board of directors.

The regulation also prohibits faith-based organizations from using financial assistance from the Department of Justice to fund inherently religious activities. While faith-based organizations can engage in non-funded inherently religious activities, they must be held separately from the Department of Justice funded program, and customers or beneficiaries cannot be compelled to participate in them. The Equal Treatment Regulation also makes clear that organizations participating in programs funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. For more information on the regulation, please see OCR's website at <http://www.ojp.usdoj.gov/oct/etfbo.htm>.

State Administering Agencies and faith-based organizations should also note that the Safe Streets Act, as amended; the Victims of Crime Act, as amended; and the Juvenile Justice and Delinquency Prevention Act, as amended, contain prohibitions against discrimination on the basis of religion in employment. Despite these nondiscrimination provisions, the Justice Department has concluded that the Religious Freedom Restoration Act (RFRA) is reasonably construed, on a case-by-case basis, to require that its funding agencies permit faith-based organizations applying for funding under the applicable program statutes both to receive DOJ funds and to continue considering religion when hiring staff, even if the statute that authorizes the funding program generally forbids considering of religion in employment decisions by grantees.

Questions about the regulation or the application of RFRA to the statutes that prohibit discrimination in employment may be directed to this Office.

Enforcing Civil Rights Laws

All recipients of Federal financial assistance, regardless of the particular funding source, the amount of the grant award, or the number of employees in the workforce, are subject to the prohibitions against unlawful discrimination. Accordingly, OCR investigates recipients that are the subject of discrimination complaints from both individuals and groups. In addition, based on regulatory criteria, OCR selects a number of recipients each year for compliance reviews, audits that require recipients to submit data showing that they are providing services equitably to all segments of their service population and that their employment practices meet equal employment opportunity standards.

Complying with the Safe Streets Act or Program Requirements

In addition to these general prohibitions, an organization which is a recipient of financial assistance subject to the nondiscrimination provisions of the Omnibus Crime Control and Safe Streets Act (Safe Streets Act) of 1968, 42 U.S.C. § 3789d(c), or other Federal grant program requirements, must meet two additional requirements: (1) complying with Federal regulations pertaining to the development of an Equal Employment Opportunity Plan (EEO Plan), 28 C.F.R. § 42.301-308, and (2) submitting to OCR Findings of Discrimination (see 28 C.F.R. §§ 42.205(5) or 31.202(5)).

1) Meeting the EEO Plan Requirement

In accordance with Federal regulations, Assurance No. 6 in the Standard Assurances, COPS Assurance No. 8.B, or certain Federal grant program requirements, your organization must comply with the following EEO Plan reporting requirements:

If your organization has received an award for \$500,000 or more and has 50 or more employees (counting both full- and part-time employees but excluding political appointees), then it has to prepare an EEO Plan and submit it to OCR for review within 60 days from the date of this letter. For assistance in developing an EEO Plan, please consult OCR's website at <http://www.ojp.usdoj.gov/ocr/eeop.htm>. You may also request technical assistance from an EEO Plan specialist at OCR by dialing (202) 616-3208.

If your organization received an award between \$25,000 and \$500,000 and has 50 or more employees, your organization still has to prepare an EEO Plan, but it does not have to submit the EEO Plan to OCR for review. Instead, your organization has to maintain the EEO Plan on file and make it available for review on request. In addition, your organization has to complete Section B of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eeop.htm>.

If your organization received an award for less than \$25,000; or if your organization has less than 50 employees, regardless of the amount of the award; or if your organization is a medical institution, educational institution, nonprofit organization or Indian tribe, then your organization is exempt from the EEO Plan requirement. However, your organization must complete Section A of the Certification Form and return it to OCR. The Certification Form can be found at <http://www.ojp.usdoj.gov/ocr/eeop.htm>.

2) Submitting Findings of Discrimination

In the event a Federal or State court or Federal or State administrative agency makes an adverse finding of discrimination against your organization after a due process hearing, on the ground of race, color, religion, national origin, or sex, your organization must submit a copy of the finding to OCR for review.

Ensuring the Compliance of Subrecipients

If your organization makes subawards to other agencies, you are responsible for assuring that subrecipients also comply with all of the applicable Federal civil rights laws, including the requirements pertaining to developing and submitting an EEO Plan, reporting Findings of Discrimination, and providing language services to LEP persons. State agencies that make subawards must have in place standard grant assurances and review procedures to demonstrate that they are effectively monitoring the civil rights compliance of subrecipients.

If we can assist you in any way in fulfilling your civil rights responsibilities as a recipient of Federal funding, please call OCR at (202) 307-0690 or visit our website at <http://www.ojp.usdoj.gov/ocr/>.

Sincerely,



Michael L. Alston
Director


cc: Grant Manager
Financial Analyst



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Grant

PAGE 1 OF 6

1. RECIPIENT NAME AND ADDRESS (Including Zip Code) Johnson County 125 North Cherry Street Olathe, KS 66061-3443		4. AWARD NUMBER: 2011-DJ-BX-2735	
		5. PROJECT PERIOD: FROM 10/01/2010 TO 09/30/2014 BUDGET PERIOD: FROM 10/01/2010 TO 09/30/2014	
		6. AWARD DATE 08/12/2011	7. ACTION
1A. GRANTEE IRS/VENDOR NO. 486034760		8. SUPPLEMENT NUMBER 00	Initial
		9. PREVIOUS AWARD AMOUNT \$ 0	
3. PROJECT TITLE Johnson County JAG Law Enforcement Equipment Project		10. AMOUNT OF THIS AWARD \$ 144,695	
		11. TOTAL AWARD \$ 144,695	
12. SPECIAL CONDITIONS THE ABOVE GRANT PROJECT IS APPROVED SUBJECT TO SUCH CONDITIONS OR LIMITATIONS AS ARE SET FORTH ON THE ATTACHED PAGE(S).			
13. STATUTORY AUTHORITY FOR GRANT This project is supported under FY11(BJA - JAG) 42 USC 3750, et seq.			
15. METHOD OF PAYMENT GPRS			
AGENCY APPROVAL		GRANTEE ACCEPTANCE	
16. TYPED NAME AND TITLE OF APPROVING OFFICIAL Laurie Robinson Assistant Attorney General		18. TYPED NAME AND TITLE OF AUTHORIZED GRANTEE OFFICIAL Frank Denning Sheriff	
17. SIGNATURE OF APPROVING OFFICIAL 		19. SIGNATURE OF AUTHORIZED RECIPIENT OFFICIAL	19A. DATE
AGENCY USE ONLY			
20. ACCOUNTING CLASSIFICATION CODES FISCAL FUND BUD. DIV. YEAR CODE ACT. OFC. REG. SUB. POMS AMOUNT X B DJ 80 00 00 144695		21. KDJUGT0345	

OJP FORM 4000/2 (REV. 5-87) PREVIOUS EDITIONS ARE OBSOLETE.

OJP FORM 4000/2 (REV. 4-88)



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
SHEET
Grant

PAGE 2 OF 6

PROJECT NUMBER 2011-DJ-BX-2735

AWARD DATE 08/12/2011

SPECIAL CONDITIONS

1. The recipient agrees to comply with the financial and administrative requirements set forth in the current edition of the Office of Justice Programs (OJP) Financial Guide.
2. The recipient acknowledges that failure to submit an acceptable Equal Employment Opportunity Plan (if recipient is required to submit one pursuant to 28 C.F.R. Section 42.302), that is approved by the Office for Civil Rights, is a violation of its Certified Assurances and may result in suspension or termination of funding, until such time as the recipient is in compliance.
3. The recipient agrees to comply with the organizational audit requirements of OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations, and further understands and agrees that funds may be withheld, or other related requirements may be imposed, if outstanding audit issues (if any) from OMB Circular A-133 audits (and any other audits of OJP grant funds) are not satisfactorily and promptly addressed, as further described in the current edition of the OJP Financial Guide, Chapter 19.

~~4. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of the enactment, repeal, modification or adoption of any law, regulation or policy, at any level of government, without the express prior written approval of OJP.~~

5. The recipient must promptly refer to the DOJ OIG any credible evidence that a principal, employee, agent, contractor, subgrantee, subcontractor, or other person has either 1) submitted a false claim for grant funds under the False Claims Act; or 2) committed a criminal or civil violation of laws pertaining to fraud, conflict of interest, bribery, gratuity, or similar misconduct involving grant funds. This condition also applies to any subrecipients. Potential fraud, waste, abuse, or misconduct should be reported to the OIG by -

mail:

Office of the Inspector General
U.S. Department of Justice
Investigations Division
950 Pennsylvania Avenue, N.W.
Room 4706
Washington, DC 20530

e-mail: oig.hotline@usdoj.gov

hotline: (contact information in English and Spanish): (800) 869-4499

or hotline fax: (202) 616-9881

Additional information is available from the DOJ OIG website at www.usdoj.gov/oig.

6. Recipient understands and agrees that it cannot use any federal funds, either directly or indirectly, in support of any contract or subaward to either the Association of Community Organizations for Reform Now (ACORN) or its subsidiaries, without the express prior written approval of OJP.
7. The recipient agrees to comply with any additional requirements that may be imposed during the grant performance period if the agency determines that the recipient is a high-risk grantee. Cf. 28 C.F.R. parts 66, 70.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
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Grant

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PROJECT NUMBER 2011-DJ-BX-2735

AWARD DATE 08/12/2011

SPECIAL CONDITIONS

8. Pursuant to Executive Order 13513, "Federal Leadership on Reducing Text Messaging While Driving," 74 Fed. Reg. 51225 (October 1, 2009), the Department encourages recipients and sub recipients to adopt and enforce policies banning employees from text messaging while driving any vehicle during the course of performing work funded by this grant, and to establish workplace safety policies and conduct education, awareness, and other outreach to decrease crashes caused by distracted drivers.
9. The recipient agrees to comply with applicable requirements regarding Central Contractor Registration (CCR) and applicable restrictions on subawards to first-tier subrecipients that do not acquire and provide a Data Universal Numbering System (DUNS) number. The details of recipient obligations are posted on the Office of Justice Programs web site at <http://www.ojp.gov/funding/ccr.htm> (Award condition: Central Contractor Registration and Universal Identifier Requirements), and are incorporated by reference here. This special condition does not apply to an award to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).
10. The recipient agrees to comply with applicable requirements to report first-tier subawards of \$25,000 or more and, in certain circumstances, to report the names and total compensation of the five most highly compensated executives of the recipient and first-tier subrecipients of award funds. Such data will be submitted to the FFATA Subaward Reporting System (FSRS). The details of recipient obligations, which derive from the Federal Funding Accountability and Transparency Act of 2006 (FFATA), are posted on the Office of Justice Programs web site at <http://www.ojp.gov/funding/ffata.htm> (Award condition: Reporting Subawards and Executive Compensation), and are incorporated by reference here. This condition, and its reporting requirement does not apply to grant awards made to an individual who received the award as a natural person (i.e., unrelated to any business or non-profit organization that he or she may own or operate in his or her name).
11. The recipient is required to establish a trust fund account. (The trust fund may or may not be an interest-bearing account.) The fund, including any interest, may not be used to pay debts or expenses incurred by other activities beyond the scope of the Edward Byrne Memorial Justice Assistance Grant Program (JAG). The recipient also agrees to obligate and expend the grant funds in the trust fund (including any interest earned) during the period of the grant. Grant funds (including any interest earned) not expended by the end of the grant period must be returned to the Bureau of Justice Assistance no later than 90 days after the end of the grant period, along with the final submission of the Federal Financial Report (SF-425).
12. To avoid duplicating existing networks or IT systems in any initiatives funded by BJA for law enforcement information sharing systems which involve interstate connectivity between jurisdictions, such systems shall employ, to the extent possible, existing networks as the communication backbone to achieve interstate connectivity, unless the grantee can demonstrate to the satisfaction of BJA that this requirement would not be cost effective or would impair the functionality of an existing or proposed IT system.
13. To support public safety and justice information sharing, OJP requires the grantee to use the National Information Exchange Model (NIEM) specifications and guidelines for this particular grant. Grantee shall publish and make available without restriction all schemas generated as a result of this grant to the component registry as specified in the guidelines. For more information on compliance with this special condition, visit <http://www.niem.gov/implementationguide.php>.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
SHEET
Grant

PAGE 4 OF 6

PROJECT NUMBER 2011-DJ-BX-2735

AWARD DATE 08/12/2011

SPECIAL CONDITIONS

14. The grantee agrees to assist BJA in complying with the National Environmental Policy Act (NEPA), the National Historic Preservation Act, and other related federal environmental impact analyses requirements in the use of these grant funds, either directly by the grantee or by a subgrantee. Accordingly, the grantee agrees to first determine if any of the following activities will be funded by the grant, prior to obligating funds for any of these purposes. If it is determined that any of the following activities will be funded by the grant, the grantee agrees to contact BJA.

The grantee understands that this special condition applies to its following new activities whether or not they are being specifically funded with these grant funds. That is, as long as the activity is being conducted by the grantee, a subgrantee, or any third party and the activity needs to be undertaken in order to use these grant funds, this special condition must first be met. The activities covered by this special condition are:

- a. New construction;
- b. Minor renovation or remodeling of a property located in an environmentally or historically sensitive area, including properties located within a 100-year flood plain, a wetland, or habitat for endangered species, or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

The grantee understands and agrees that complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. The grantee further understands and agrees to the requirements for implementation of a Mitigation Plan, as detailed at <http://www.ojp.usdoj.gov/BJA/resource/nepa.html>, for programs relating to methamphetamine laboratory operations.

Application of This Special Condition to Grantee's Existing Programs or Activities: For any of the grantee's or its subgrantees' existing programs or activities that will be funded by these grant funds, the grantee, upon specific request from BJA, agrees to cooperate with BJA in any preparation by BJA of a national or program environmental assessment of that funded program or activity.

15. The recipient agrees that any information technology system funded or supported by OJP funds will comply with 28 C.F.R. Part 23, Criminal Intelligence Systems Operating Policies, if OJP determines this regulation to be applicable. Should OJP determine 28 C.F.R. Part 23 to be applicable, OJP may, at its discretion, perform audits of the system, as per the regulation. Should any violation of 28 C.F.R. Part 23 occur, the recipient may be fined as per 42 U.S.C. 3789g(c)-(d). Recipient may not satisfy such a fine with federal funds.
16. The recipient agrees to ensure that the State Information Technology Point of Contact receives written notification regarding any information technology project funded by this grant during the obligation and expenditure period. This is to facilitate communication among local and state governmental entities regarding various information technology projects being conducted with these grant funds. In addition, the recipient agrees to maintain an administrative file documenting the meeting of this requirement. For a list of State Information Technology Points of Contact, go to <http://www.it.ojp.gov/default.aspx?area=policyAndPractice&page=1046>.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
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PAGE 5 OF 6

PROJECT NUMBER 2011-DI-BX-2735

AWARD DATE 08/12/2011

SPECIAL CONDITIONS

17. The grantee agrees to comply with the applicable requirements of 28 C.F.R. Part 38, the Department of Justice regulation governing "Equal Treatment for Faith Based Organizations" (the "Equal Treatment Regulation"). The Equal Treatment Regulation provides in part that Department of Justice grant awards of direct funding may not be used to fund any inherently religious activities, such as worship, religious instruction, or proselytization. Recipients of direct grants may still engage in inherently religious activities, but such activities must be separate in time or place from the Department of Justice funded program, and participation in such activities by individuals receiving services from the grantee or a sub-grantee must be voluntary. The Equal Treatment Regulation also makes clear that organizations participating in programs directly funded by the Department of Justice are not permitted to discriminate in the provision of services on the basis of a beneficiary's religion. Notwithstanding any other special condition of this award, faith-based organizations may, in some circumstances, consider religion as a basis for employment. See http://www.ojp.gov/about/ocr/equal_fbo.htm.
18. The recipient acknowledges that all programs funded through subawards, whether at the state or local levels, must conform to the grant program requirements as stated in BJA program guidance.
19. Grantee agrees to comply with the requirements of 28 C.F.R. Part 46 and all Office of Justice Programs policies and procedures regarding the protection of human research subjects, including obtainment of Institutional Review Board approval, if appropriate, and subject informed consent.
20. Grantee agrees to comply with all confidentiality requirements of 42 U.S.C. section 3789g and 28 C.F.R. Part 22 that are applicable to collection, use, and revelation of data or information. Grantee further agrees, as a condition of grant approval, to submit a Privacy Certificate that is in accord with requirements of 28 C.F.R. Part 22 and, in particular, section 22.23.
21. The recipient agrees that funds received under this award will not be used to supplant State or local funds, but will be used to increase the amounts of such funds that would, in the absence of Federal funds, be made available for law enforcement activities.
22. Award recipients must submit quarterly a Federal Financial Report (SF-425) and annual performance reports through GMS (<https://grants.ojp.usdoj.gov>). Consistent with the Department's responsibilities under the Government Performance and Results Act (GPRA), P.L. 103-62, applicants who receive funding under this solicitation must provide data that measure the results of their work. Therefore, quarterly performance metrics reports must be submitted through BJA's Performance Measurement Tool (PMT) website (www.bjaperformancetools.org). For more detailed information on reporting and other JAG requirements, refer to the JAG reporting requirements webpage. Failure to submit required JAG reports by established deadlines may result in the freezing of grant funds and future High Risk designation.
23. The recipient agrees to monitor subawards under this JAG award in accordance with all applicable statutes, regulations, OMB circulars, and guidelines, including the OJP Financial Guide, and to include the applicable conditions of this award in any subaward. The recipient is responsible for oversight of subrecipient spending and monitoring of specific outcomes and benefits attributable to use of JAG funds by subrecipients. The recipient agrees to submit, upon request, documentation of its policies and procedures for monitoring of subawards under this award.
24. Award recipients must verify Point of Contact (POC), Financial Point of Contact (FPOC), and Authorized Representative contact information in GMS, including telephone number and e-mail address. If any information is incorrect or has changed, a Grant Adjustment Notice (GAN) must be submitted via the Grants Management System (GMS) to document changes.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

AWARD CONTINUATION
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Grant

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PROJECT NUMBER 2011-DJ-BX-2735

AWARD DATE 08/12/2011

SPECIAL CONDITIONS

25. The grantee agrees that within 120 days of award acceptance, each member of a law enforcement task force funded with these funds who is a task force commander, agency executive, task force officer, or other task force member of equivalent rank, will complete required online (internet-based) task force training. The training is provided free of charge online through BJA's Center for Task Force Integrity and Leadership (www.ctfli.org). All current and new task force members are required to complete this training once during the life of the award, or once every four years if multiple awards include this requirement. This training addresses task force effectiveness as well as other key issues including privacy and civil liberties/rights, task force performance measurement, personnel selection, and task force oversight and accountability. Additional information is available regarding this required training and access methods via BJA's web site and the Center for Task Force Integrity and Leadership (www.ctfli.org).
26. Recipient may not expend or drawdown funds until the Bureau of Justice Assistance, Office of Justice Programs has received documentation demonstrating that the state or local governing body review and/or community notification requirements have been met and has issued a Grant Adjustment Notice (GAN) releasing this special condition.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

Washington, D.C. 20531

Memorandum To: Official Grant File

From: Orbin Terry, NEPA Coordinator

Subject: Incorporates NEPA Compliance in Further Developmental Stages for Johnson County

The Edward Byrne Memorial Justice Assistance Grant Program (JAG) allows states and local governments to support a broad range of activities to prevent and control crime and to improve the criminal justice system, some of which could have environmental impacts. All recipients of JAG funding must assist BJA in complying with NEPA and other related federal environmental impact analyses requirements in the use of grant funds, whether the funds are used directly by the grantee or by a subgrantee or third party. Accordingly, prior to obligating funds for any of the specified activities, the grantee must first determine if any of the specified activities will be funded by the grant.

The specified activities requiring environmental analysis are:

- a. New construction;
- b. Any renovation or remodeling of a property located in an environmentally or historically sensitive area, including properties located within a 100-year flood plain, a wetland, or habitat for endangered species, or a property listed on or eligible for listing on the National Register of Historic Places;
- c. A renovation, lease, or any proposed use of a building or facility that will either (a) result in a change in its basic prior use or (b) significantly change its size;
- d. Implementation of a new program involving the use of chemicals other than chemicals that are (a) purchased as an incidental component of a funded activity and (b) traditionally used, for example, in office, household, recreational, or education environments; and
- e. Implementation of a program relating to clandestine methamphetamine laboratory operations, including the identification, seizure, or closure of clandestine methamphetamine laboratories.

Complying with NEPA may require the preparation of an Environmental Assessment and/or an Environmental Impact Statement, as directed by BJA. Further, for programs relating to methamphetamine laboratory operations, the preparation of a detailed Mitigation Plan will be required. For more information about Mitigation Plan requirements, please see <http://www.ojp.usdoj.gov/BJA/resource/nepa.html>.

Please be sure to carefully review the grant conditions on your award document, as it may contain more specific information about environmental compliance.



Department of Justice
Office of Justice Programs
Bureau of Justice Assistance

**GRANT MANAGER'S MEMORANDUM, PT. I:
PROJECT SUMMARY**

Grant

PROJECT NUMBER

2011-DJ-BX-2735

PAGE 1 OF 1

This project is supported under FY11(BJA - JAG) 42 USC 3750, et seq.

1. STAFF CONTACT (Name & telephone number)

Shauna D. Connolly
(202) 353-0019

2. PROJECT DIRECTOR (Name, address & telephone number)

Carrie Swisher
Grant Specialist
125 North Cherry Street
Olathe, KS 66061-3443
(913) 791-5276

3a. TITLE OF THE PROGRAM

FY 2011 Justice Assistance Grant Program

3b. POMS CODE (SEE INSTRUCTIONS
ON REVERSE)

4. TITLE OF PROJECT

Johnson County JAG Law Enforcement Equipment Project

5. NAME & ADDRESS OF GRANTEE

Johnson County
125 North Cherry Street
Olathe, KS 66061-3443

6. NAME & ADDRESS OF SUBGRANTEE

7. PROGRAM PERIOD

FROM: 10/01/2010 TO: 09/30/2014

8. BUDGET PERIOD

FROM: 10/01/2010 TO: 09/30/2014

9. AMOUNT OF AWARD

\$ 144,695

10. DATE OF AWARD

08/12/2011

11. SECOND YEAR'S BUDGET

12. SECOND YEAR'S BUDGET AMOUNT

13. THIRD YEAR'S BUDGET PERIOD

14. THIRD YEAR'S BUDGET AMOUNT

15. SUMMARY DESCRIPTION OF PROJECT (See instruction on reverse)

The Edward Byrne Memorial Justice Assistance Grant Program (JAG) allows states and units of local government, including tribes, to support a broad range of activities to prevent and control crime based on their own state and local needs and conditions. Grant funds can be used for state and local initiatives, technical assistance, training, personnel, equipment, supplies, contractual support, and information systems for criminal justice, including for any one or more of the following purpose areas: 1) law enforcement programs; 2) prosecution and court programs; 3) prevention and education programs; 4) corrections and community corrections programs; 5) drug treatment and enforcement programs; 6) planning, evaluation, and technology improvement programs; and 7) crime victim and witness programs (other than compensation).

The Johnson County Sheriff's Office will serve as the fiscal agent and disperse all grant funds to its disparate agencies. The Lenexa Police Department will support data sharing/linkage and policing, as the agency will increase their capacity in their license plate reader program. The Merriam Police Department will purchase

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Tasers® which will be issued to officers in various areas of law enforcement. The Olathe Police Department will procure various types of equipment needed for officer safety, communication, and field reporting (e.g., cameras, crime scene equipment, recording devices, etc.). The Shawnee Police Department and Overland Park Police Department will support tactical enforcement and policing activities with the purchase of license plate readers.

NCA/NCF

U.S. Department of Justice
Office of Justice Programs
Bureau of Justice Assistance



The U.S. Department of Justice (DOJ), Office of Justice Programs' (OJP) Bureau of Justice Assistance (BJA) is pleased to announce that it is seeking applications for funding under the Edward Byrne Memorial Justice Assistance Grant (JAG) Program. This program furthers the Department's mission by assisting state, local, and tribal efforts to prevent or reduce crime and violence.

Edward Byrne Memorial Justice Assistance Grant (JAG) Program FY 2011 Local Solicitation

Eligibility

Applicants are limited to units of local government appearing on the FY 2011 JAG Allocations List. To view this list, go to www.ojp.usdoj.gov/BJA/grant/11jagallocations.html. For JAG program purposes, a unit of local government is: a town, township, village, parish, city, county, borough, or other general purpose political subdivision of a state; or, it may also be a federally recognized Indian tribe that performs law enforcement functions (as determined by the Secretary of the Interior). Otherwise a unit of local government may be any law enforcement district or judicial enforcement district established under applicable state law with authority to independently establish a budget and impose taxes. In Louisiana, a unit of local government means a district attorney or parish sheriff. In the District of Columbia or any United States Trust Territory, a unit of local government is any agency of the District of Columbia or federal government performing law enforcement functions for the District of Columbia or Trust Territories of the United States.

Deadline

Registration for this funding opportunity is required prior to application submission, by selecting the "Apply Online" button associated with the solicitation title in OJP's Grants Management System (GMS). (See "How to Apply," page 11.) All registrations and applications are due by 8:00 p.m. eastern time on July 21, 2011. (See "Deadlines: Registration and Application," page 4.)

Contact Information

For technical assistance with submitting the application, contact the Grants Management System Support Hotline at 1-888-549-9901, option 3, or via e-mail to GMS.HelpDesk@usdoj.gov.

Note: The GMS Support Hotline hours of operation are Monday–Friday from 6:00 a.m. to 12 midnight eastern time, except federal holidays.

For assistance with any other requirement of this solicitation, contact the BJA Justice Information Center at 1–877–927–5657, via e-mail to JIC@telesishq.com, or by live web chat. The BJA Justice Information Center hours of operation are 8:30 a.m. to 5:00 p.m. eastern time, and 8:30 a.m. to 8:00 p.m. eastern time, Monday through Friday, on the solicitation close date. You may also contact your State Policy Advisor: www.ojp.gov/BJA/resource/ProgramsOffice.html.

Release date: June 6, 2011

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Edward Byrne Memorial Justice Assistance Grant (JAG) Program: Local Solicitation CFDA #16.738

Overview

The Edward Byrne Memorial Justice Assistance Grant (JAG) Program (42 U.S.C. 3751(a)) is the primary provider of federal criminal justice funding to state and local jurisdictions. JAG funds support all components of the criminal justice system, from multijurisdictional drug and gang task forces to crime prevention and domestic violence programs, courts, corrections, treatment, and justice information sharing initiatives. JAG-funded projects may address crime through the provision of services directly to individuals and/or communities and by improving the effectiveness and efficiency of criminal justice systems, processes, and procedures.

Deadlines: Registration and Application

Registration is required prior to submission. The deadline to register in GMS is 8:00 p.m. eastern time on July 21, 2011 and the deadline for applying for funding under this announcement is 8:00 p.m. eastern time on July 21, 2011. Please see the "How to Apply" section, page 6, for more details.

Eligibility

Please refer to the cover page of this solicitation for eligibility under this program.

JAG Program—Specific Information

Formula

Once each fiscal year's overall JAG Program funding level is determined, BJA partners with the Bureau of Justice Statistics (BJS) to begin a four step grant award calculation process which consists of:

1. Computing an initial JAG allocation for each state and territory, based on their share of violent crime and population (weighted equally).
2. Reviewing the initial JAG allocation amount to determine if the state or territory allocation is less than the minimum ("de minimus") award amount defined in the JAG legislation (0.25 percent of the total). If this is the case, the state or territory is funded at the minimum level, and the funds required for this are deducted from the overall pool of JAG funds. Each of the remaining states receives the minimum award plus an additional amount based on their share of violent crime and population.
3. Dividing each state's final award amount (except for the territories and District of Columbia) between state and local governments at a rate of 60 and 40 percent, respectively.
4. Determining local unit of government award allocations, which are based on their proportion of the state's three-year violent crime average. If a local eligible award amount is less than \$10,000, the funds are returned to the state to be awarded to these

local units of government through the state agency. If the eligible award amount is \$10,000 or more, then the local government is eligible to apply for a JAG award directly from BJA.

Award Amount

Eligible award amounts under JAG are posted annually to BJA's JAG web page: www.ojp.usdoj.gov/BJA/grant/jag.html.

All awards are subject to the availability of appropriated funds and any modifications or additional requirements that may be imposed by law.

Purpose Areas

JAG funds may be used for state and local initiatives, technical assistance, training, personnel, equipment, supplies, contractual support, and criminal justice information systems for criminal justice that will improve or enhance such areas as:

- Law enforcement programs.
- Prosecution and court programs.

- Prevention and education programs.

- ~~Corrections and community corrections programs.~~
- Drug treatment and enforcement programs.
- Planning, evaluation, and technology improvement programs.
- Crime victim and witness programs (other than compensation).

Note: The authorizing statute for the JAG Program provides that funds are to be used for the purposes above and notes that these purposes include all of the purposes previously authorized under the Edward Byrne Memorial State and Local Assistance Program (Byrne Formula) and the Local Law Enforcement Block Grant Program (LLEBG). This provision may be useful to applicants in understanding all of the allowable uses under the above purpose areas. For example, relying on this provision, it can be understood that the JAG Purpose Area "Prosecution and court programs" listed above, provides the states and local units of government with the authority to fund defender, judicial, pretrial, and court administration efforts as well as prosecution programs. For a listing of prior Byrne Formula and LLEBG purpose areas, see www.ojp.usdoj.gov/BJA/grant/byrnepurpose.html. Although these two programs have been eliminated, their prior purpose areas may be useful in appreciating the scope of the JAG purpose areas.

JAG funds may also be used to address key statutory requirements that may not be otherwise funded, including requirements from the state and federal level, such as addressing limited English proficiency requirements and other similar mandates.

Priorities

BJA recognizes that the downturn in the economy has resulted in significant pressures on state and local criminal justice systems. In these challenging times, shared priorities and leveraged resources can make a significant impact. In light of this, it is important to make SAAs and local JAG recipients aware of several areas of priority that may be of help in maximizing the effectiveness of the Byrne JAG funding at the state and local level.

As an overall framework for success, we encourage both state and local comprehensive justice planning, bringing all of the system stakeholders together, including law enforcement, courts, prosecutors, defenders, corrections officials, and other stakeholders to create a comprehensive and strategic justice plan to ensure coordination and a more effective justice system.

As a part of this strategic planning process, we strongly encourage state and local planners to consider programs that are evidence-based and have been proven effective; in a difficult budgetary climate, it is critical that dollars are spent on programs whose effectiveness is proven. However, we recognize that state and local programs can also be excellent laboratories for innovative programs that can be models for other states and localities addressing difficult problems. BJA has made resources available to SAAs and others to provide training and technical assistance in identifying and using evidence-based practices as the outcome of a comprehensive and strategic justice plan in the state or local community. We also strongly encourage SAAs and local recipients to use JAG funding to support, replicate and expand strategic efforts to assess system cost drivers and to make appropriate policy changes that can reduce system costs while not jeopardizing public safety. These efforts include justice reinvestment and court reengineering as well as others.

In addition to these overarching considerations and in addition to our longstanding and unwavering commitment to keeping violent crime at its lowest level in decades, the following priorities represent key areas where we will be focusing nationally and invite each state to join us in addressing these challenges as a part of our JAG partnership.

Counterterrorism and Information Sharing/Fusion Centers

A key priority for DOJ and, indeed, the entire Administration, is effective counterterrorism and terrorism prevention programs. We recognize that state and local law enforcement are critical partners in detecting, identifying, preventing, and disrupting acts of violence against the United States by both domestic and international extremist organizations. Preventing terrorism remains the first goal of DOJ's strategic plan and remains a priority for BJA. A key priority of the National Strategy on Information Sharing for preventing terrorism includes support for State and Major Urban Area fusion centers (fusion centers) to address gaps in achieving full implementation of Global's Baseline Capabilities for fusion centers. Through the partnership of the U.S. Department of Homeland Security and DOJ the support for these fusion centers also enhances a state's response to "all crimes" by improving information sharing and coordination with local law enforcement agencies.

Evidence-Based Programs or Practices

OJP considers programs and practices to be evidence-based when their effectiveness has been demonstrated by causal evidence (generally obtained through one or more outcome evaluations). Causal evidence documents a relationship between an activity or intervention (including technology) and its intended outcome, including measuring the direction and size of a change, and the extent to which a change may be attributed to the activity or intervention. Causal evidence depends on the use of scientific methods to rule out, to the extent possible, alternative explanations for the documented change. The strength of causal evidence, based on the factors described above, will influence the degree to which OJP considers a program or practice to be evidence-based.

Economic Crime

As our economy shows signs of recovery, it is essential that we not allow this progress to be thwarted by economic crime, including mortgage fraud, financial crimes, fraud, and intellectual property crimes that threaten our economic growth and stability.

Reentry and Smart Probation

In order to lessen the burden on what has been described as an overreliance on incarceration, it is essential that those who have served time can transition back into the community and into crime-free pro-social lives. To do this, we will emphasize smart and effective approaches to offender reentry and will support statewide and local efforts in justice reinvestment, which reduces costly spending on incarceration and reinvests a portion of the savings into other areas of the justice system without sacrificing accountability.

Indigent Defense

Another key priority area is ensuring that justice is truly done in the criminal justice system—the Attorney General has consistently stressed that the crisis in indigent defense reform is a serious concern of his, a concern which is shared by OJP and BJA. As a former prosecutor and judge, however, the Attorney General is also acutely aware that without adequate funding for the courts, prosecution, problem-solving courts, and other innovative, cost-saving alternatives to incarceration, true justice cannot be achieved.

Children Exposed To Violence

Last, but certainly not least, we must ensure that, in the context of our continued focus on addressing violent crime, children who are exposed to violence are responded to effectively so that these experiences do not risk the futures of these children and do not fuel the cycle of violence.

These priorities and others will be the focus of our efforts during FY 2011, and we invite you as a partner and grantee to join us in our efforts to address these critical issues.

Interoperable Communications

Grantees (including sub-grantees) that are using FY 2011 JAG Program funds to support emergency communications activities should comply with the *FY 2011 SAFECOM Guidance for Emergency Communication Grants*, including provisions on technical standards that ensure and enhance interoperable communications. Emergency communications activities include the purchase of Interoperable Communications Equipment and technologies such as voice-over-internet protocol bridging or gateway devices, or equipment to support the build out of wireless broadband networks in the 700 MHz public safety band under the Federal Communications Commission (FCC) Waiver Order. SAFECOM guidance can be found at www.safecomprogram.gov.

Grantees interested in developing a public safety broadband network in the 700 MHz band in their jurisdictions must adhere to the technical standards set forth in the FCC Waiver Order, or any succeeding FCC orders, rules, or regulations pertaining to broadband operations in the 700 MHz public safety band. The recipient shall also ensure projects support the Statewide Communication Interoperability Plan (SCIP) and are fully coordinated with the full-time Statewide Interoperability Coordinator (SWIC) in the state of the project. As the central coordination point for their state's interoperability effort, the SWIC plays a critical role, and can serve as a valuable resource. SWICs are responsible for the implementation of the SCIP through coordination and collaboration with the emergency response community. The U.S. Department of Homeland Security Office of Emergency Communications maintains a list of

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SWICs for each of the 56 states and territories. Please contact OEC@hq.dhs.gov if you are not familiar with your state or territory's SWIC. If any future regulatory requirement (from the FCC or other governmental entity) results in a material technical or financial change in the project, the recipient should submit associated documentation, and other material, as applicable, for review by the SWIC to ensure coordination. Please note that for future year solicitations (FY 2012), BJA will require that the SWIC provide approval for changes in interoperable communication projects. Grantees should establish communications with the SWIC in their state or territory in the near future in order to ensure seamless coordination on all projects going forward.

Grantees (and sub-grantees) should provide a listing of all communications equipment purchased with grant award funding (plus the quantity purchased of each item) to their assigned BJA State Policy Advisor once items are procured during any periodic programmatic progress reports.

Responsibilities

The Chief Executive Officer (CEO) of an eligible unit of local government or other officer designated by the CEO must submit the application for JAG funds. A unit of local government receiving a JAG award will be responsible for the administration of the funds including: distributing the funds; monitoring the award; submitting quarterly financial status (SF-425) and performance metrics reports and annual programmatic reports; and providing ongoing oversight and assistance to any subrecipients of the funds.

Length of Awards

Awards are made in the first fiscal year of the appropriation and may be expended during the following 3 years, for a total grant period of 4 years. Extensions beyond this period may be made on a case-by-case basis at the discretion of the Director of BJA and must be requested via the Grants Management System (GMS) no less than 30 days prior to the grant end date.

Administrative Funds

A unit of local government may use up to 10 percent of the award, plus any interest accrued, for costs associated with administering JAG funds.

Disparate Certification

A disparate allocation occurs when a city or municipality is allocated one-and-one-half times (150 percent) more than the county, while the county bears more than 50 percent of the costs associated with prosecution or incarceration of the municipality's Part 1 violent crimes. A disparate allocation also occurs when multiple cities or municipalities are collectively allocated four times (400 percent) more than the county, and the county bears more than 50 percent of the collective costs associated with prosecution or incarceration of each municipality's Part 1 violent crimes.

- ★ Jurisdictions certified as disparate must identify a fiscal agent that will submit a **joint application** for the aggregate eligible allocation to all disparate municipalities. The joint application must determine and specify the award distribution to each unit of local government and the purposes for which the funds will be used. When beginning the JAG application process, a Memorandum of Understanding (MOU) that identifies which

jurisdiction will serve as the applicant/fiscal agent for joint funds, must be completed, and signed by the Authorized Representative for each participating jurisdiction. The signed MOU should be attached to the application. For a sample MOU, go to www.ojp.usdoj.gov/BJA/grant/jag11/11JAGMOU.pdf.

Governing Body Review

The applicant agency (fiscal agent in disparate situations) must make the grant application available for review by the governing body (or to the organization designated by the governing body) not fewer than 30 days before the application is submitted to BJA.

Public Comment

The applicant agency (the fiscal agent in disparate situations) must include a statement that the application was made public and that, to the extent of applicable law or established procedure, an opportunity to comment was provided to citizens and to neighborhood or community-based organizations.

Budget Information

Match Requirement

~~While match is not required with the JAG Program, match can be used as an effective strategy~~ for states and units of local government to expand justice funds and build buy-in for local criminal justice initiatives.

Supplanting

Federal funds must be used to supplement existing funds for program activities and cannot replace or supplant nonfederal funds that have been appropriated for the same purpose. Supplanting is prohibited under JAG. Please see BJA's [JAG web page](#) and the updated JAG FAQs for examples of supplanting.

Trust Fund

Award recipients may drawdown JAG funds in advance. To do so, a trust fund must be established in which to deposit the funds. The trust fund may or may not be an interest-bearing account. If subrecipients draw down JAG funds in advance, they also must establish a trust fund in which to deposit funds. This trust fund requirement only applies to direct JAG award recipients as well as subrecipients that are not on a reimbursement basis.

Prohibited Uses

No JAG funds may be expended outside of JAG purpose areas. Even within these purpose areas, however, JAG funds cannot be used directly or indirectly for security enhancements or equipment for nongovernmental entities not engaged in criminal justice or public safety. Nor may JAG funds be used directly or indirectly to provide for any of the following matters unless BJA certifies that extraordinary and exigent circumstances exist, making them essential to the maintenance of public safety and good order:

- Vehicles (excluding police cruisers), vessels (excluding police boats), or aircraft (excluding police helicopters).
- Luxury items.
- Real estate.
- Construction projects (other than penal or correctional institutions).
- Any similar matters.

*For information related to requesting a waiver to use funds for any prohibited item, please refer to the updated JAG FAQs on BJA's [JAG web page](#).

Reporting Requirements

Once an award is accepted, award recipients must submit quarterly financial status (SF-425) and annual performance reports through [GMS](#).

In addition, applicants who receive funding under this solicitation must provide data that measures the results of their work. Please refer to "Performance Measures" below for further information.

Performance Measures

To assist in fulfilling the Department's responsibilities under the Government Performance and Results Act of 1993 (GPRA), P.L. 103-62, applicants who receive funding under this solicitation must provide data that measures the results of their work. **Quarterly performance metrics reports must be submitted through BJA's Performance Measurement Tool (PMT) web site: www.bjaperformancetools.org. The performance measure can be found at: www.bjaperformancetools.org/help/ARRAJAGandJAGCombinedIndicatorGrid.pdf.**

All JAG recipients should be aware that BJA is currently considering changes to the JAG performance reporting processes, including measures. While state administering agencies will play a role in the process, recipients are advised that the reporting requirements noted above may be subject to modification through this process.

Submission of performance measures data is not required for the application. Instead, applicants should discuss in their application their proposed methods for collecting data for performance measures. Please refer to the section "What an Application Must Include" (below) for additional information.

Note on project evaluations: Applicants that propose to use funds awarded through this solicitation to conduct project evaluations should be aware that certain project evaluations (such as systematic investigations designed to develop or contribute to generalizable knowledge) may constitute "research" for purposes of applicable DOJ human subjects protections. However, project evaluations that are intended only to generate internal improvements to a program or service, or are conducted only to meet OJP's performance measure data reporting requirements likely do not constitute "research." Applicants should provide sufficient information for OJP to determine whether the particular project they propose would either intentionally or unintentionally collect and/or use information in such a way that it meets the DOJ regulatory definition of research.

Research, for the purposes of human subjects protections for OJP-funded programs, is defined as, "a systematic investigation, including research development, testing, and evaluation, designed to develop or contribute to generalizable knowledge" (28 C.F.R. § 46.102(d)). For additional information on determining whether a proposed activity would constitute research, see the decision tree to assist applicants on the "Research and the Protection of Human Subjects" section of the OJP Other Requirements for OJP Applications" web page (www.ojp.usdoj.gov/funding/other_requirements.htm). Applicants whose proposals may involve a research or statistical component also should review the "Confidentiality" section on that web page.

Notice of New Post-Award Reporting Requirements

Applicants should anticipate that all recipients (other than individuals) of awards of \$25,000 or more under this solicitation, consistent with the Federal Funding Accountability and Transparency Act of 2006 (FFATA), will be required to report award information on any first-tier subawards totaling \$25,000 or more, and, in certain cases, to report information on the names and total compensation of the five most highly compensated executives of the recipient and first-tier subrecipients. Each applicant entity must ensure that it has the necessary processes and systems in place to comply with the reporting requirements should it receive funding. Reports regarding subawards will be made through the FFATA Subaward Reporting System (FSRS), found at www.fsrs.gov/.

Please note also that applicants should anticipate that no subaward of an award made under this solicitation may be made to a subrecipient (other than an individual) unless the potential subrecipient acquires and provides a Data Universal Numbering System (DUNS) number.

How to Apply

Applications are submitted through OJP's Grants Management System ([GMS](#)). GMS is a web-based, data-driven computer application that provides cradle to grave support for the application, award, and management of awards at OJP. Applicants must register in GMS for each specific funding opportunity and should begin the process immediately to meet the GMS registration deadline, especially if this is the first time using the system. Complete instructions on how to register and submit an application in GMS can be found at www.ojp.usdoj.gov/gmscbt/. If the applicant experiences technical difficulties at any point during this process, please e-mail GMS.HelpDesk@usdoj.gov or call 888-549-9901 (option 3), Monday-Friday from 6:00 a.m. to midnight eastern time, except federal holidays. OJP highly recommends that applicants start the registration process as early as possible to prevent delays in submitting an application package by the specified application deadline.

All applicants should complete the following steps:

1. **Acquire a DUNS number.** A DUNS number is required to submit an application in GMS. In general, the Office of Management and Budget requires that all applicants (other than individuals) for federal funds include a DUNS (Data Universal Numbering System) number in their application for a new award or renewal of an existing award. A DUNS number is a unique nine-digit sequence recognized as the universal standard for identifying and keeping track of entities receiving federal funds. The identifier is used for tracking purposes and to validate address and point of contact information for federal assistance applicants, recipients, and subrecipients. The DUNS number will be used throughout the grant life

cycle. Obtaining a DUNS number is a free, one-time activity. Obtain a DUNS number by calling Dun and Bradstreet at 866-705-5711 or by applying online at www.dnb.com. A DUNS number is usually received within 1-2 business days.

2. **Acquire or renew registration with the Central Contractor Registration (CCR) database.** OJP requires that all applicants (other than individuals) for federal financial assistance maintain current registrations in the Central Contractor Registration (CCR) database. The CCR database is the repository for standard information about federal financial assistance applicants, recipients, and subrecipients. Organizations that have previously submitted applications via Grants.gov are already registered with CCR, as it is a requirement for Grants.gov registration. Please note, however, that applicants must **update or renew their CCR registration annually** to maintain an active status. Information about CCR registration procedures can be accessed at www.ccr.gov.
3. **Acquire a GMS username and password.** A new user must create a GMS profile by selecting the "First Time User" link under the sign-in box of the [GMS](#) home page. For more information on how to register in GMS, go to www.ojp.usdoj.gov/gmscbt/.
4. **Verify the CCR registration in GMS.** OJP requests that all applicants verify their CCR registration in GMS. Once logged into GMS, please click the "CCR Claim" link on the left side of the default screen. ~~Click the submit button to verify the CCR registration.~~

5. **Search for the funding opportunity on GMS.** After logging into GMS or completing the GMS profile for username and password, go to the "Funding Opportunities" link on the left side of the page. Please select the Bureau of Justice Assistance and the Edward Byrne Memorial Justice Assistance Grant (JAG) Program—Local Solicitation.
6. **Register by selecting the "Apply Online" button associated with the solicitation title.** The search results from step 5 will display the solicitation title along with the registration and application deadlines for this funding opportunity. Please select the "Apply Online" button in the "Action" column to register for this solicitation and create an application in the system.
7. **Submit an application consistent with this solicitation by following the directions in GMS.** Once submitted, GMS will display a confirmation screen stating the submission was successful. **Important:** In some instances, an applicant must wait for GMS approval before submitting an application. Applicants are urged to submit the application at **least 72 hours prior** to the due date of the application.

Note: OJP's Grants Management System (GMS) does not accept executable file types as application attachments. The disallowed file types include, but are not limited to, the following extensions: ".com," ".bat," ".exe," ".vbs," ".cfg," ".dat," ".db," ".dbf," ".dll," ".ini," ".log," ".ora," ".sys," and ".zip."

Experiencing Unforeseen GMS Technical Issues

If an applicant experiences unforeseen GMS technical issues beyond the applicant's control that prevent submission of its application by the deadline, the applicant must contact the Bureau of Justice Assistance Programs Office staff **within 24 hours after the deadline** and request approval to submit the application. At that time, BJA Programs Office staff will instruct the applicant to submit specific information detailing the technical difficulties. The applicant must e-

mail: a description of the technical difficulties, a timeline of submission efforts, the complete grant application, the applicant DUNS number, and GMS Help Desk tracking number(s) received. After the program office reviews all of the information submitted, and contacts the GMS Help Desk to validate the technical issues reported, OJP will contact the applicant to either approve or deny the request to submit a late application. If the technical issues reported cannot be validated, the application will be rejected as untimely.

The following conditions are not valid reasons to permit late submissions: (1) failure to begin the registration process in sufficient time, (2) failure to follow GMS instructions on how to register and apply as posted on its Web site, (3) failure to follow all of the instructions in the OJP solicitation, and (4) technical issues experienced with the applicant's computer or information technology (IT) environment.

Notifications regarding known technical problems with GMS, if any, are posted at the top of the OJP funding web page, www.ojp.usdoj.gov/funding/solicitations.htm.

What an Application Must Include

This section describes what an application is expected to include and sets out a number of elements. Applicants should anticipate that failure to submit an application that contains all of the specified elements may negatively affect the review of the application and, should a decision nevertheless be made to make an award, will result in the inclusion of special conditions that preclude access to or use of award funds pending satisfaction of the conditions.

OJP strongly recommends use of appropriately descriptive file names (e.g., "Program Narrative," "Budget and Budget Narrative," "Memoranda of Understanding," etc.) for all required attachments.

1. Application for Federal Assistance (SF-424)

The SF-424 is a standard form required for use as a cover sheet for submission of pre-applications, applications, and related information. Grants.gov and GMS take information from the applicant's profile to populate the fields on this form.

2. Program Narrative

Applicants **must** submit a program narrative that generally describes the proposed program activities for the four year grant period. The narrative must outline the type of programs to be funded by the JAG award and provide a brief analysis of the need for the programs. Narratives must also identify anticipated coordination efforts involving JAG and related justice funds. Certified disparate jurisdictions submitting a **joint application** must specify the funding distribution to each disparate unit of local government and the purposes for which the funds will be used.

Failure to submit this required information will result in an application being returned in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding of funds special condition at the time of award.

3. Budget and Budget Narrative

Applicants **must** submit a budget and budget narrative outlining how JAG funds, including administrative funds if applicable, will be used to support and implement the program. This narrative should include a full breakdown of administrative costs, as well as an overview of

how funds will be allocated across approved JAG purpose areas. Applicants should utilize the following approved budget categories to label the requested expenditures: Personnel, Fringe Benefits, Travel, Equipment, Supplies, Consultants/Contracts, and an Other category. For informational purposes only, a sample budget form may be found at www.ojp.usdoj.gov/funding/forms/budget_detail.pdf. Failure to submit this required information will result in an application being change requested in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding special condition at the time of award if time does not permit for a change request process.

Failure to submit this required information will result in an application being returned in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding of funds special condition at the time of award.

4. Review Narrative

Applicants **must** submit information documenting that the date the JAG application was made available for review to the governing body, or to an organization designated by that governing body, on a date not less than 30 days before the application was submitted to BJA. The attachment must also specify that an opportunity to comment was provided to citizens to the extent applicable law or established procedures make such opportunity available. Failure to submit this required information will result in an application being ~~change requested in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding special condition at the time of award if time~~ does not permit for a change request process.

Failure to submit this required information will result in an application being returned in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding of funds special condition at the time of award.

5. Abstract

Applicants **must** provide an abstract that includes the applicant's name, title of the project, goals of the project, and a description of the strategies to be used. In addition, above or below the abstract narrative, applicants **must identify the top five project identifiers** that would be associated with proposed project activities. The list of all identifiers, separated by JAG program area, can be found at www.ojp.usdoj.gov/BJA/grant/jag11/JAGIdentifiers.pdf. The abstract **must not** exceed a half-page, or 400-500 words.

Failure to submit this required information will result in an application being returned in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding of funds special condition at the time of award.

6. Tribal Authorizing Resolution (If applicable)

If an application is being submitted by either (1) a tribe or tribal organization or (2) a third party proposing to provide direct services or assistance to residents on tribal lands, then a current authorizing resolution of the governing body of the tribal entity or other enactment of the tribal council or comparable governing body authorizing the inclusion of the tribe or tribal organization and its membership should be included with the application. In those instances when an organization or consortium of tribes proposes to apply for a grant on behalf of a tribe or multiple specific tribes, then the application should include a resolution from all tribes that will be included as a part of the services/assistance provided under the grant. A consortium of tribes for which existing consortium bylaws allow action without support from

all tribes in the consortium (i.e., without authorizing resolution or other enactment of each tribal governing body) may submit a copy of its consortium bylaws with the application in lieu of tribal resolutions.

7. Additional Attachments (if applicable)

Jurisdictions certified as disparate **must** identify a fiscal agent that will submit a **joint application** for the aggregate eligible allocation to all disparate municipalities. The joint application **must** determine and specify the award distribution to each unit of local government and the purposes for which the funds will be used. When beginning the JAG application process, a Memorandum of Understanding (MOU) that identifies which jurisdiction will serve as the applicant/fiscal agent for joint funds, **must** be completed, and signed by the Authorized Representative for each participating jurisdiction. The signed MOU **must** be attached to the application. For a sample MOU, go to www.ojp.usdoj.gov/BJA/grant/jag11/11JAGMOU.pdf.

Failure to submit this required information will result in an application being change requested in the Grants Management System (GMS) for inclusion of the missing information OR the attachment of a withholding special condition at the time of award if time does not permit for a change request process.

8. Other Standard Forms

Additional forms that may be required in connection with an award are available on OJP's funding page at www.ojp.usdoj.gov/funding/forms.htm. For successful applicants, receipt of funds may be contingent upon submission of all necessary forms. Please note in particular the following forms.

- a. Certifications Regarding Lobbying; Debarment, Suspension and Other Responsibility Matters; and Drug-Free Workplace Requirements (required to be submitted in GMS prior to the receipt of any award funds).
- b. Disclosure of Lobbying Activities (required for any applicant that expends any funds for lobbying activities; this form must be downloaded, completed, and then uploaded).
- c. Accounting System and Financial Capability Questionnaire (required for any applicant other than an individual that is a non-governmental entity and that has not received any award from OJP within the past 3 years; this form must be downloaded, completed, and then uploaded).
- d. Standard Assurances (required to be submitted in GMS prior to the receipt of any award funds).

Review Process

OJP is committed to ensuring a fair and open process for awarding grants. The Bureau of Justice Assistance reviews the application to make sure that the information presented is reasonable, understandable, measurable, and achievable, as well as consistent with the solicitation.

Absent explicit statutory authorization or written delegation of authority to the contrary, all final grant award decisions will be made by the Assistant Attorney General (AAG).

Additional Requirements

Applicants selected for awards must agree to comply with additional legal requirements upon acceptance of an award. We strongly encourage you to review the information pertaining to these additional requirements prior to submitting your application. Additional information for each can be found at www.oip.usdoj.gov/funding/other_requirements.htm.

- Civil Rights Compliance
 - Faith-Based and Other Community Organizations
 - Confidentiality
 - Research and the Protection of Human Subjects
 - Anti-Lobbying Act
 - Financial and Government Audit Requirements
 - National Environmental Policy Act (NEPA)
-
- DOJ Information Technology Standards (if applicable)
 - Single Point of Contact Review
 - Nonsupplanting of State or Local Funds
 - Criminal Penalty for False Statements
 - Compliance with Office of Justice Programs Financial Guide
 - Suspension or Termination of Funding
 - Nonprofit Organizations
 - For-Profit Organizations
 - Government Performance and Results Act (GPRA)
 - Rights in Intellectual Property
 - Federal Funding Accountability and Transparency Act (FFATA) of 2006
 - Awards in excess of \$5,000,000 – federal taxes certification requirement
 - Active CCR Registration

Application Checklist
FY 2011 Edward Byrne Memorial Justice Assistance Grant (JAG) Program:
Local Solicitation

The application checklist has been created to aid assist in developing an application.

Eligibility Requirement:

- _____ The jurisdiction listed as the legal name on the application corresponds with the eligible jurisdiction listed on BJA's JAG web page
- _____ The federal amount requested is within the allowable limit of the FY 2011 JAG Allocations List as listed on BJA's JAG web page

The Application Contains:

- _____ Standard 424 Form (see page 13)
- _____ Program Narrative (see page 13)
- _____ Budget and Budget Narrative (see page 13)
- _____ Review Narrative (the date the JAG application was made available to the governing body for review and that it was provided to the public for comment) (see page 14)
- _____ Abstract (see page 14)
- _____ ~~Additional Attachment: Memorandum of Understanding (MOU), if in a funding disparity~~
(see page 15)
- _____ Tribal Authorizing Resolution (if applicable) (see page 14)
- _____ Other Standard Forms as applicable (see page 15), including:
 - _____ Disclosure of Lobbying Activities (if applicable)
 - _____ Accounting System and Financial Capability Questionnaire (if applicable)
- _____ DUNS Number (see page 11)
- _____ CCR Registration (see page 12)



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About this guide

This guide is the reference manual for the CarSystem, which is the Mobile Plate Hunter™ 900 user interface.

This document is intended to provide the User with basic information on the system operations for successful use in the field. Additional information on Hot List data conversion; System Administration and Vehicle Installation are available in separate documents.

The system user interface is a software program, called CarSystem, which runs on a Mobile Data Terminal, a laptop, or any other on-board computer. The computer must be connected to the MPH™900 processor or to the MPH™900 junction box if AD3M cameras are used, as explained in the Installation manual.

Section 1 explains the general framework of the CarSystem including the Main Menu page.

Section 2 presents all the License Plate Reading (LPR) applications.

Section 3 shows the GPS Localization control page.

Section 4 is about the Hot List and section 5 explains the Virtual Fence function.

Section 6 is concerned with the Communication function.

Section 7 describes the Login and user management functionality.

Finally, section 8 includes a table with the permissions associated to users' profiles.

Revision History

		Original Document	Masciangelo
A	5/18/2005	New Software Revisions	Child
B	10/07/2005	Updated for 9-9 release and NYSP	Child
C	02/28/2006	Update for release 1.2.0; CarSystem 2.9.0	Masciangelo
D	03/31/2009	CarSystem 4.7.1	Masciangelo



List of acronyms

AMC	Account Manager Control
HL	Hot List
GPS	Geo Positioning System
LAN	Local Area Network
LPR	License Plate Reader
OPC	Operations Center
MDT	Mobile Data Terminal
MWP	Elsag Middleware
MPH	Mobile Plate Hunter
USB	Universal Serial Bus



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1 MPH900 Car System Framework

The MPH900 is a License Plate Reading System, which consists on the following components:

- a set of LPR cameras
- a processor or a junction box
- a Mobile Data Terminal (MDT) hosting the on-board user interface,

Refer to the Installation Manual for instructions on how to set up the hardware components in the car and power the system up.

The *MPH900 Car System* is a framework for the execution of different applications on-board a car.

The functions currently available on the graphic interface are:

- License Plate Reader (LPR)
- GPS Localization
- Communication to a central Operations Center
- User Login management

The Car System Graphic User Interface (GUI) has been developed to be viewed on a display at 800x600, 1024x768 resolution. At 1024x768 resolution the GUI displays the plate images at the best possible quality, while providing a good view of interface icons. At any other display resolution, the application will have a dimension of 800x600 pixels. The Car System is fully touch-screen enabled and optimized, meaning that if the vehicle MDT/PC/laptop has a touchscreen, the icons and buttons are touchscreen sensitive. Button and icon sizes have been chosen to maximize touch screen ergonomics.

The LPR application monitors the activity of the LPR cameras connected to the on-board PC. It gives the user a view of the plates being read and of the status of the system. The interface also provides the operator with important Hot List and alarm management functions.

The GPS Localization function allows the operator to monitor and manage GPS data being received from an NMEA compatible GPS receiver attached to a USB or Serial Com port.



1.1 Login and Main Menu Pages

The Car System must be launched from the Desktop double-clicking the following icon.

Car System Login

User

Password

1	2	3	4	5	6	7	8	9	0
q	w	e	r	t	y	u	i	o	p
a	s	d	f	g	h	j	k	l	▲
z	x	c	v	b	n	m	◀	▼	▶
Caps						#@...		Canc	

At this step, in order to access the system, the user is required to insert his credentials (username and password). The window always displays in the user name field the latest user who successfully logged on to the system. The CarSystem Login page is optional: Login control can be disabled during the CarSystem setup.

User name and password must be long from a minimum of 6 up to 20 characters and moreover the username cannot contain the chars " \ / [] : ; , | = + * ? < > .

The application verifies the validity of the data inserted, allowing the user to enter the application and loading the Main page.

There are three possible operative profiles for a user:

- Administrator: role for system administrator with unrestricted functions;
- Operator: role for expert users in the system usage;
- User: role for standard users in the system usage.

In addition, an Installer maintenance profile having known passwords also exists.



This profile is only used during the first access to the application after setup, and only allows current user to add a new Administrator user.

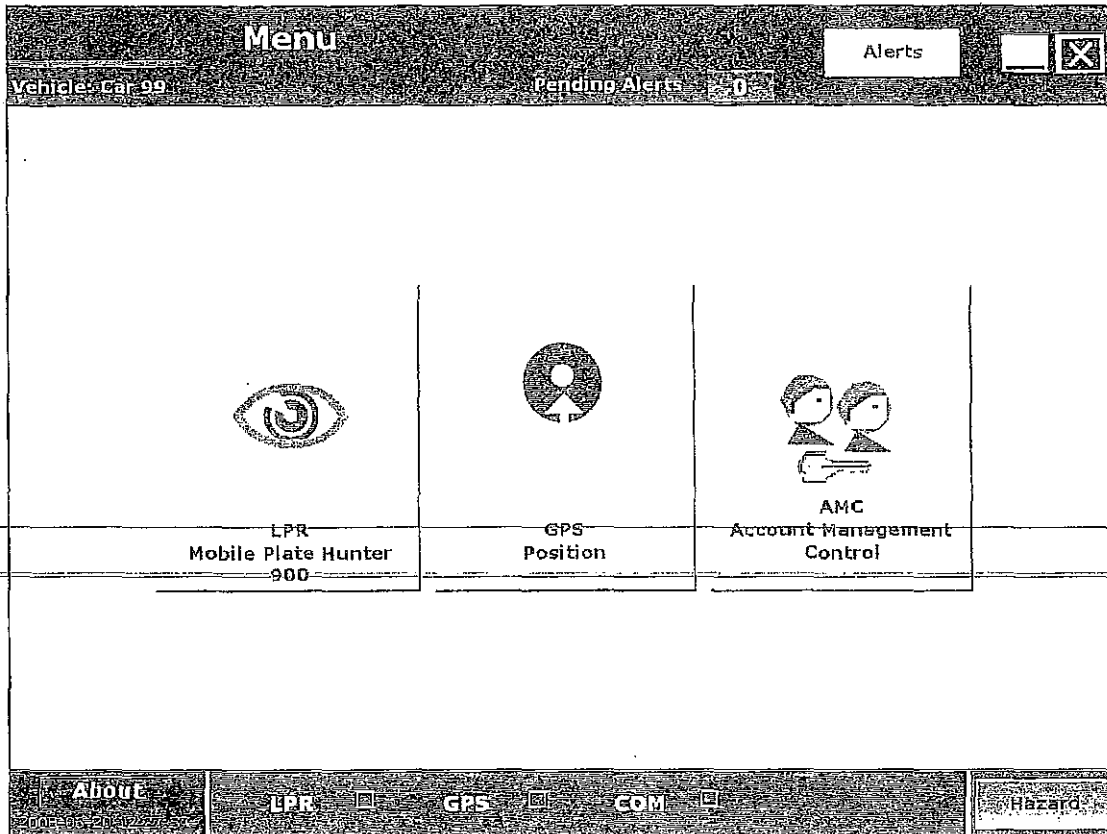
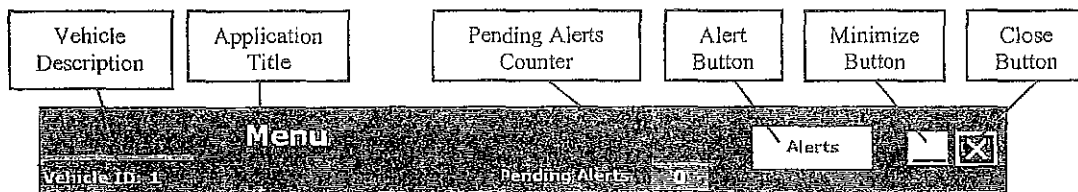


Fig. 1.1 – Main CarSystem screen



After a successful login, the main page is shown and you can select the desired application.

The top section contains the following information:



- Name of the active application (example: Menu if there isn't any active application).
- Vehicle description: Vehicle Identifier (number or alias).
- Alerts: This button blinks when there are alerts to be managed (for example, a pending alarm).
- Pending Alerts: Number of the non-managed alerts.

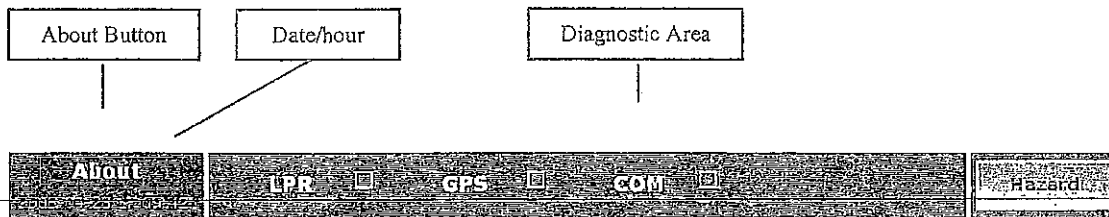


- Close button : Closes the Graphic User Interface.
- Minimize button : Minimizes the application as an icon on the taskbar.

The central section contains buttons to start the applications.
 In the figure below, there is an example with the following applications installed:

- LPR – License Plate Reader
- GPS – GPS Localization;
- COM – Radio Communication;
- AMC–Account Management Control.





The bottom section contains the diagnostics of the system status:




Date/Time: (Date/time as per PC clock).


Diagnostic Area (for all configured services/devices): The diagnostic shows three basic statuses to help user’s troubleshooting.


The status is described with the following colors:

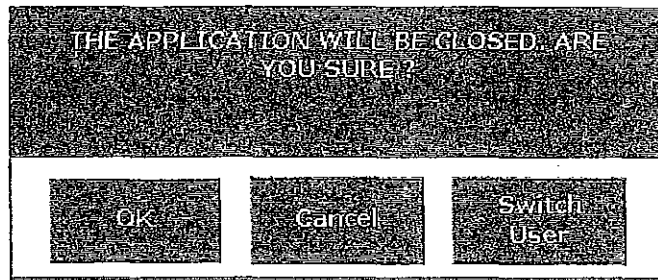
	Grey:	The device/process is disabled.
	Green:	The device/process is active and working normally.
	Yellow:	The device is connected but paused; This status may also mean that the device is starting up.
	Red:	The device is not connected or in fault.

Note: While the system starts up all the status icons are grey.

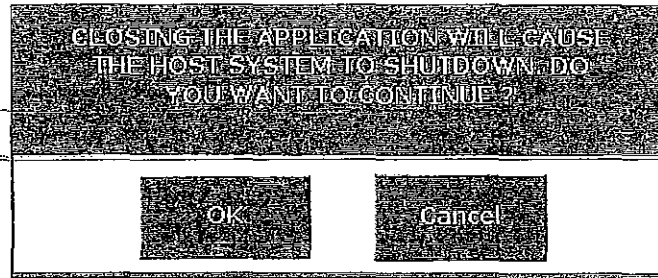
Hazard button : This button is activated only if the long range radio communication is integrated in the system (Cellular communication). By pressing this button, a panic message is sent to Operations Center. If the long range communication is not installed, this button is disabled and appears as a grey button.


About button : By selecting this button a Message Box is shown with the version of the software installed on the Car System.

To close the Car-System application press the “Close Button” .
 When the user pushes the Close button, the following Message Box is displayed asking the operator for confirmation to close the Car System application:



The Cancel button will make the application go back to the preceding window. The Switch User button will make the application return to the login window. By pressing the OK button the application will proceed to shut down and, if the application is configured to shutdown the PC hosting the services, the following message box will be displayed.



By pressing the OK button the PC (Windows XP) will shut down. Pressing the Cancel button will cause only the application to close. By pressing the "Minimize button"  the application will be minimized and an icon will be present on the taskbar. The user can restore the application by selecting the icon on the taskbar (or with the Alt+Tab keystroke).

It is also possible to close the application with the Alt+F4 keystroke.



2 License Plate Reader function

2.1 LPR – License Plate Reader – main window

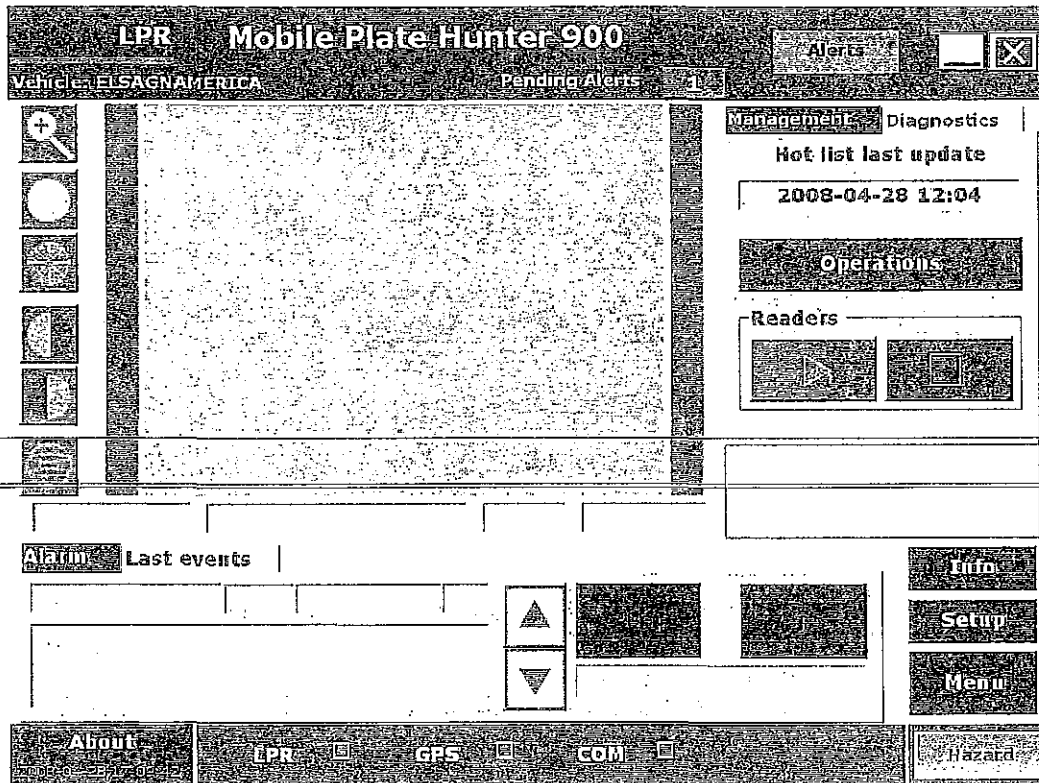


Fig. 2.1: Main LPR window

The main LPR Screen provides a number of different controls and indicators described below.

Transit/Alarm Image

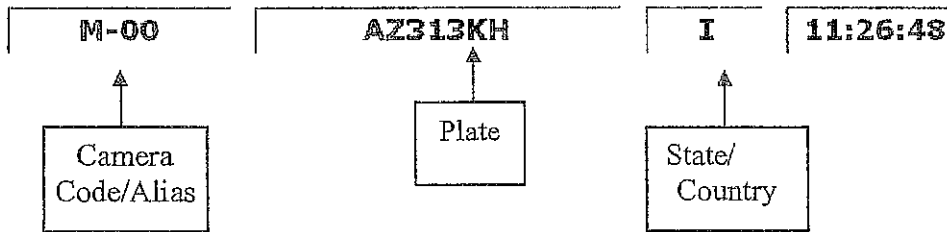


Fig. 2.2 Reads/Alarms View Area




Field / Function	Description
Transit/Alarm Image	The image of the current Read or Alarm. Clicking on it, if the AD3 dual sensor camera is used, the panoramic color image is presented.
Camera Code/Alias	The code or alias of the camera which has detected the read or the alarm. The background color changes from yellow (normal reads) to red (alarms).
Plate	The plate of the current Read/Alarm.
State/Country	The State/Country of the current Read /Alarm. A "?" means no state has been detected or state recognition function is not enabled.
Transit/Alarm Time	The time stamp of the transit/alarm in the format Hour:Minute:Second.
Colored Sidebar	Blinking sidebars showing the side of the read if only two cameras have been configured.



2.1.1 Colored Sidebars

Colored Sidebars are present at the lateral sides of the displayed image, their colors change to distinguish among reads, alarms or live images.

When the system is configured with only two cameras M-00 and M-01 (in association with elaboration unit ID=00000 and 00001) a direction arrow will be present and it identifies which camera (right=M-00, left=M-01) has read the license plate.

Colors	
SIDE BARS	 <p>Green -Normal Read: if the displayed license plate is NOT present in the hot list it remains green until the next read</p> <p>Red - Alarm: the displayed license plate is present in the hot list.</p> <p>Blue - Live: the live function of the camera is enabled.</p>
	Arrows Direction
SIDE BARS	 <p>Right: M-00 camera transit/alarm</p>
	 <p>Left: M-01 camera transit/alarm</p> <p>Note: the color in the bars changes as described above</p>

2.1.2 Overview Camera

The overview camera function is an optional feature of the system that provides a color image for each read or alarm.

It consists of an additional color image coupled with the B/W image which acquires a wider angle image (panoramic view) than the B/W and allows the user to see more details in the scene (e.g.: car type, color etc.).

2.1.3 Plate ambiguities

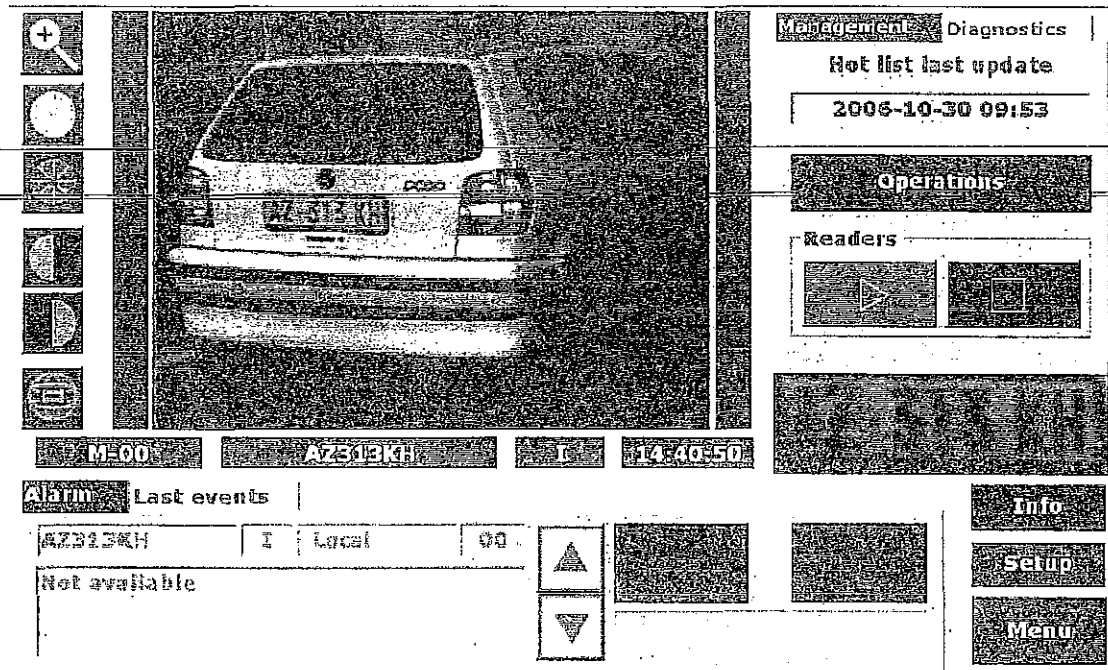
[]	The presence of characters in brackets means that there are ambiguities in the string interpretation: CD37[0D]BF means that the third character may be either a 0 or a D. Usually both the possible strings CD370BF and CD37DBF are matched against the Hot list.
-----	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



2.2 LPR-Alarm Management

When the MPH900 detects a License Plate that is in the hot list, an audible and visual alarm shows the presence and location of the alarm. This alarm can be accepted by the operator by pressing the **Accept** button whenever the actual plate matches the Hot List information, including the State. Otherwise, the operator can reject the alarm by pressing the **Reject** button. Rejected alarms are still stored, but are marked differently for after-action reporting. Typical reasons for rejecting an alarm are state mismatch or a bad plate read. The **Reject** could be also be used to avoid duplicated alarm entries, in cases when the same alarm is hit more than once.

The Operator can zoom and adjust the image to view details.



Note that the Tools Panel above is only active in Alarm Management Mode. That is, you can only zoom and adjust Alarm images.

The message from the Hot List is displayed in the Alarm note box. This note is created when the Hot List extract is performed and can be general ("STOLEN VEHICLE!") or specific ("Warrant for registered Owner – John Public, 6'0" White male, ...") based on the available information.

The State displayed during an alarm represents the State that applies to that alarm/plate record.



As mentioned earlier, when an alarm is active, the zoom and image enhancement icons become active, allowing the operator to verify the plate and manipulate the image to gather information about the target vehicle.

The Alarm Panel shows the details of the detected plate string:

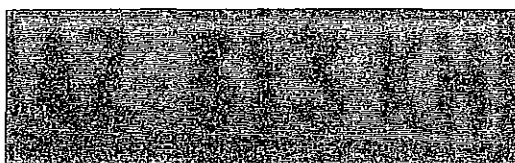
2.2.1 Alarm Image Controls

The commands of this section allow the user to improve the image brightness, zoom and contrast when an alarm occurs.

Function	Icon	Description
Zoom		Zoom + : to magnify the plate area or increase map details
		Zoom - : to show the full image of alarms or decrease details
Brightness		Brightness + : to increase the image's brightness
		Brightness - : to decrease the image's brightness
Contrast		Contrast + : to increase the image's contrast
		Contrast - : to decrease the image's contrast

2.2.2 Zoomed Plate Area

The license plate read is automatically enlarged and displayed for better viewing

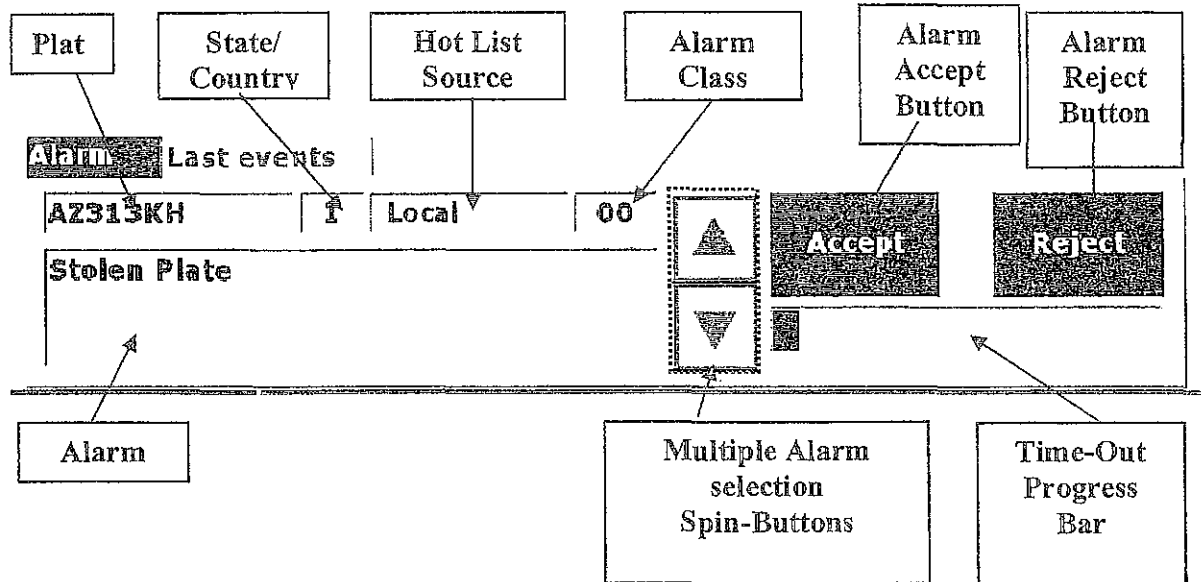


This feature is useful to check the plate at a glimpse without searching for it in the image.

2.2.3 Alarm Panel

The panel reports details of the license plate in alarm:

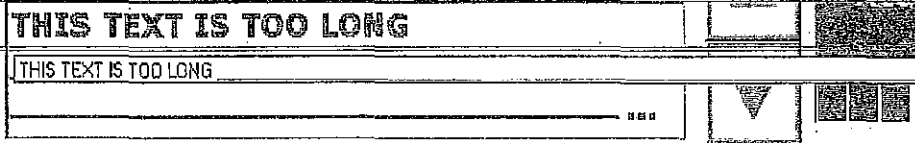
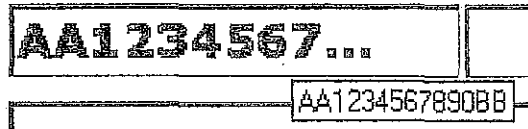
MPHS 
 Mobile Plate Hunter 900 Series



Field / Function	Description
Plate	The plate of the current alarm.
State/ Country	The State/Country of the current alarm detected.
Hot-list Source	Hot list that has generated the alarm. A name indicates that the alarm has been generated by a match with a record in the specified hot list. "Local" indicates that the alarm has been generated by a match with a record in the local user defined hot list. "External" indicates that the alarm has been generated by a match with a record in the external hot list (loaded manually from a flash drive or automatically from a wirelessly connected Operations Center)
Alarm Class	Specifies the class of alarm associated with the plate (0-5).
Alarm Note:	Note associated with the license plate coming from the Hot List
Alarm Accept Button	Button to accept the displaying alarm.
Alarm Reject Button	Button to reject the displaying alarm.
Multiple Alarm Selection Spin-Buttons	Buttons to select among multiple alarms.
Time-Out Bar	Progress bar time-out for accepting alarm by user.



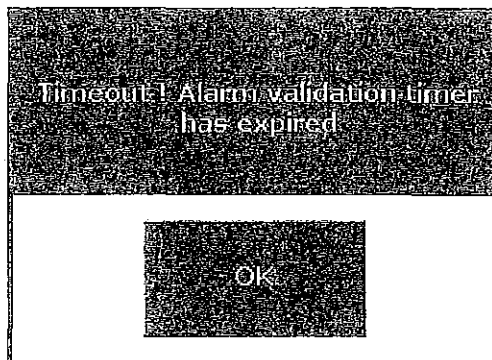
If the plate, hot list source, or note, exceeds the visualized characters, the string is truncated and 3 dots are present. A tool-tip containing the entire string can be displayed by putting the pointer over the plate, hot list source, or note,



2.2.4 Alarm Time-Out



The Acceptance Timer allows the user to identify a valid alarm or to reject an alarm for reasons such as state mismatch or incorrect plate reading. Both the accepted and rejected alarms are stored, but marked appropriately for after-action reporting. If the operator fails to respond within the Acceptance Period (about 3 minutes), the system times out and saves the alarm for processing at the Operations Center.

A progress bar at the bottom right of the display area shows the elapsed time; if the user fails to respond within the acceptance period a message-box is displayed. The alarm is always saved for further analysis.

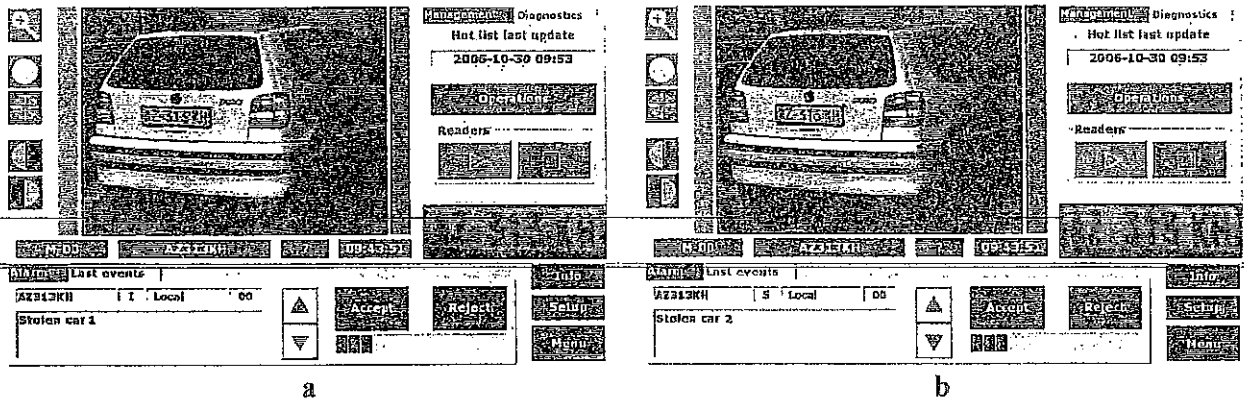




2.2.5 Alarm with Multiple Choice

The system can read plates but is not always able to associate the state. If the hot list contains the same plate (e.g. the same sequence of letters and numbers) but from different states (e.g.: [ABC123, CO], [ABC123, AZ], [ABC123, NV]), the system generates an alarm and presents the various plate/state alternatives. The user can examine the different choices by means of the spin buttons   in order to select the right one.

In the example below, the same plate "AZ313KH" is present in the hot lists with two different "State" options, I (a) and S (b). The system is unable to associate the correct State/Country, in fact the field state in the Read/Alarm view area is set to "?".

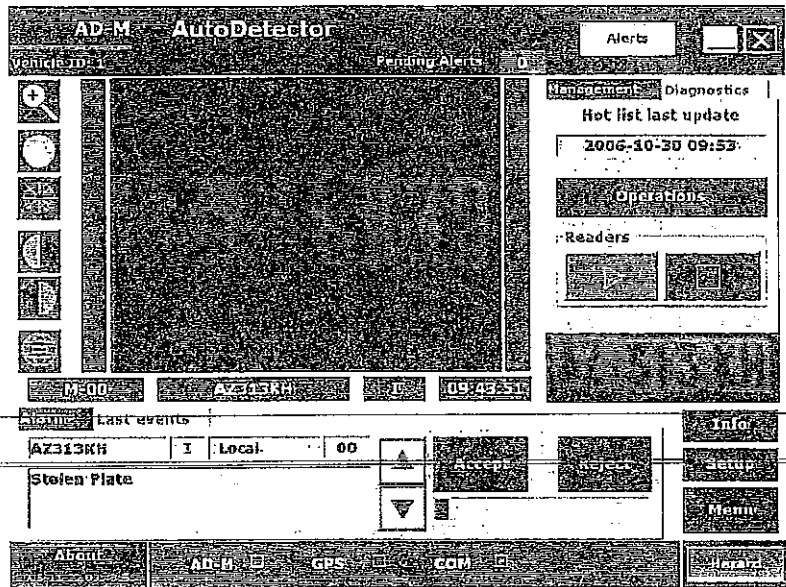


In this case the user can see the two different alarm descriptions by pressing on the up and down arrows and selecting the right one in accordance to the image displayed on the screen.



2.2.6 Zoom Button

Every time an alarm goes off, the alarm image controls become active. This feature allows the user to enlarge the image in order to focus on the area of interest and enhance the image quality.



2.2.7 Alarm Class

The system is able to manage up to 5 different alarm classes plus the standard default alarm (Class 0).

Each alarm class is associated to a customizable sound (.wav) making it possible to differentiate the level of user's attention.

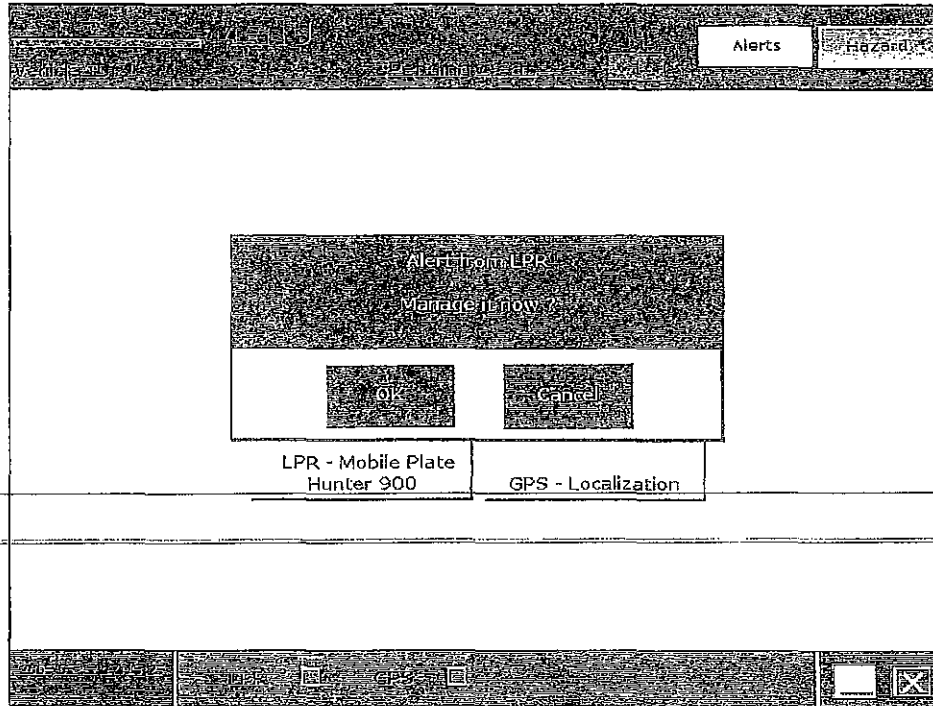
This is the default Class specification:

Class	Alarm ID	Alarm sound file	NYSPIN Id
1	STOLEN VEHICLE	Stolen2A.wav	V
2	WANTED PERSON	Wanted2A.wav	W, M
3	STOLEN PLATE	stolen_plate.wav	P
4	SUSPENDED REVOKED	SUSPENDED2A.wav	X (S)
5	SCOFFLAW	Scof2a.wav	
6	STOLEN OUT STATE		V
7	VIOLENT GANG		T
8	SEXUAL OFFENDER		S
9	OTHER		C, H, N
10	TAX SCOFFLAW		



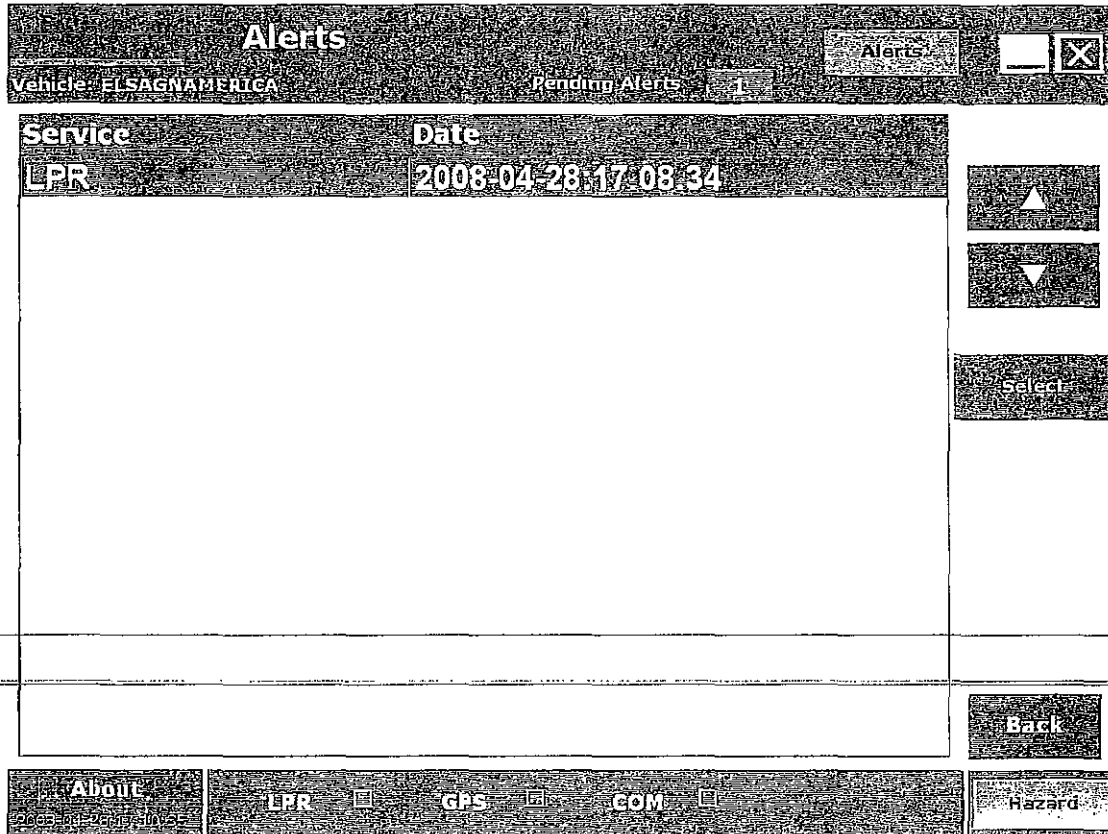
2.2.8 Delayed Alarm

If an Alarm goes off while the LPR main window is closed, for example, while you are viewing GPS status or running another program, a dialog box appears.



If you select **OK**, you return to the main LPR window and you can Accept or Reject the alarms. If you select **Cancel** you remain in the current window and the alarm management is postponed. The Pending Alerts counter is incremented as shown above.

If the operator wants to manage a pending alarm, it is also possible to press the **Alerts** pushbutton. The following window is displayed.



By selecting the alarm row, it is possible to open the LPR main window and manage the pending alarm.

2.2.9 Geofencing Alarm

A Geofencing alarm is a special kind of alarm that goes off when two conditions are met at the same time:

- We have a match in a specific class of the hot list associated to Geofencing related license plates
- The match happens within a specified area (called virtual fence) according to the GPS read.

The typical application is the protection of school areas from registered sexual offenders; also the function can be used to enforce restriction orders related to a specific house or location.

When the alarm is generated on a virtual-fence violation, and the map has been installed, this button becomes active (Fig. 2.3)



Fig. 2.3 – Virtual fence map button

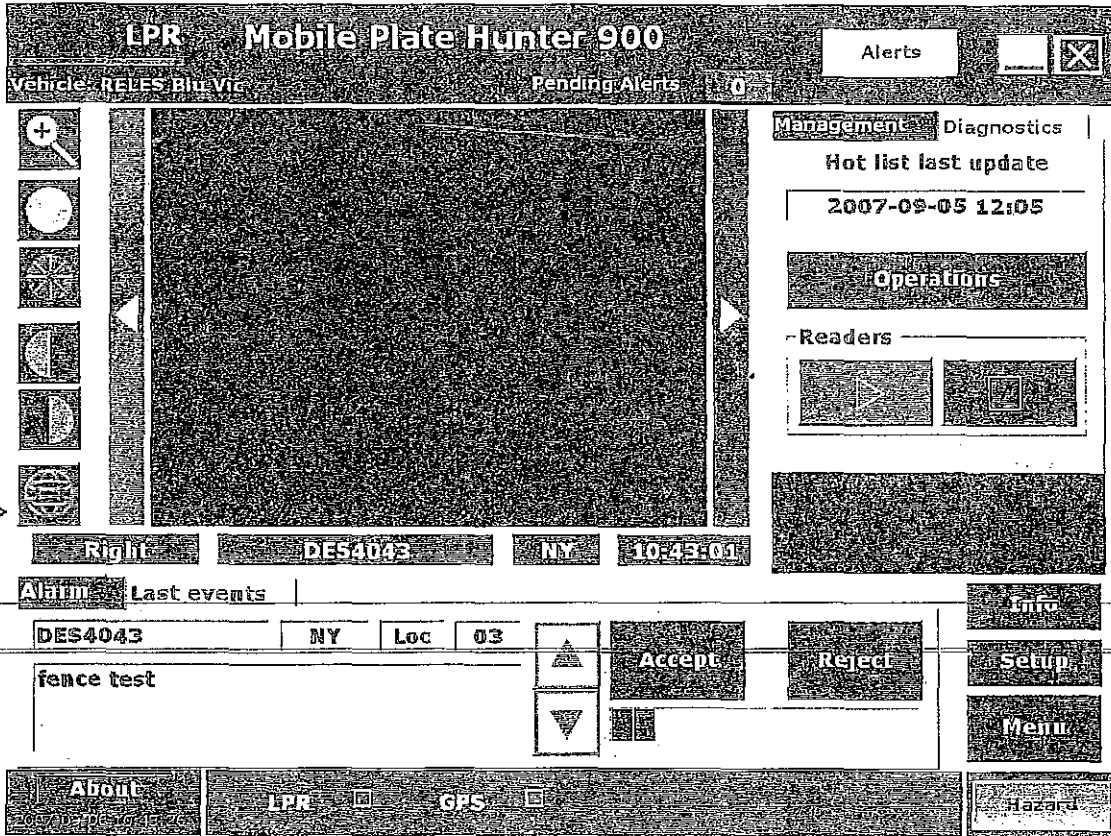


Fig. 2.4 – Geofencing alarm

Before accepting the alarm, press this Virtual-fence map button to switch to cartography and check the position of the alerted plate inside the forbidden area. The virtual fence is enclosed in a red rectangle.

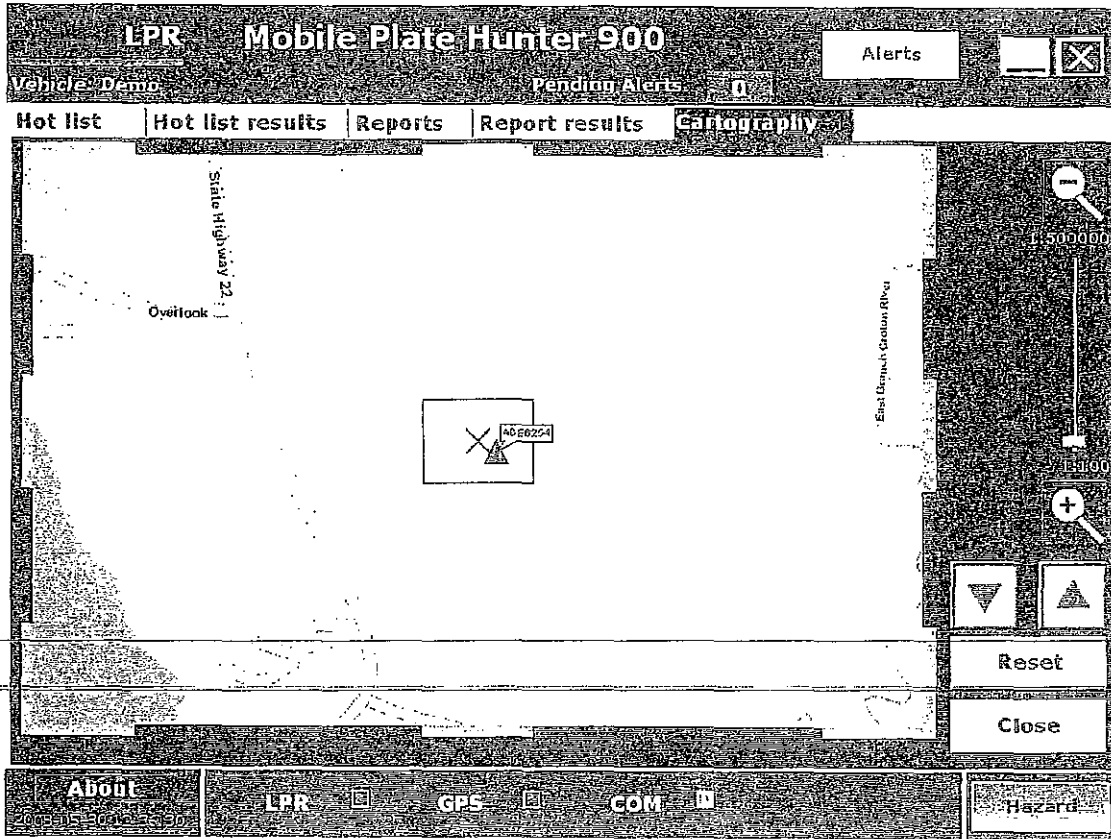
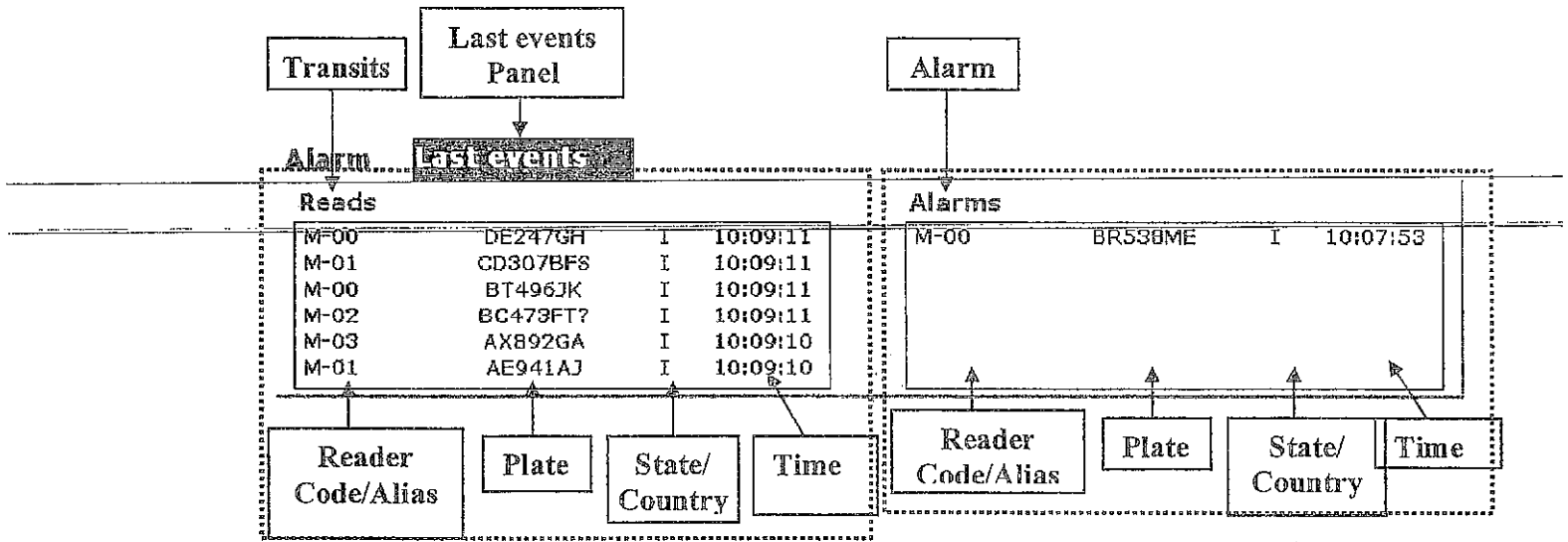


Fig. 2.5 – Geofencing alarm display



2.3 LPR – Last Events Panel

The “Last Events Panel” is divided into two sections: Reads and Alarms.
 The section on the left displays the last 6 reads and the right displays the alarms (if any)¹.
 For each alarm/read the information of reader code/alias, plate number, state and the timestamp are shown.
 The window is continuously updated even during alarm handling.
 The LPR activity is associated to an audio “Read beeping sound” emitted, if enabled, after each completed read.



Double-clicking on an alarm present in the alarms section allows you to switch to the Report result panel.

¹ If the user closes the LPR window and returns to the Main menu, the last reads table is reset and begins to fill again as new plates are read.

2.4 LPR – Camera Management

This Section allows the user to enter the operations menu and turn on/off the plate reader. The Operations menu allows the user to look up the read and alarm database and to manage the external and local hot lists. This menu will be described in Section 2.7.

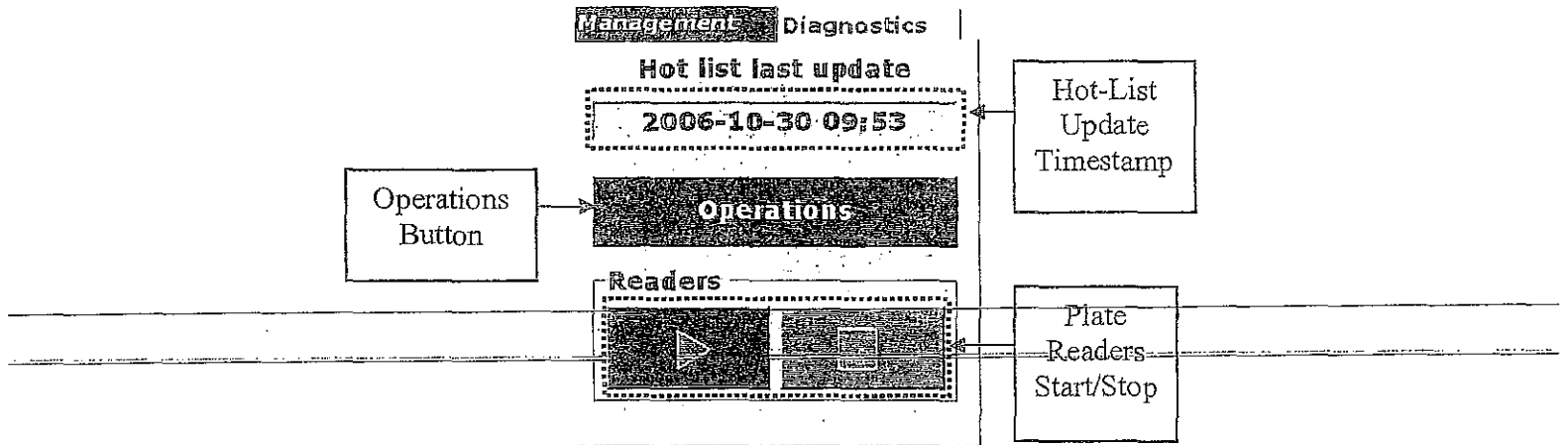


Fig. 2.6 – Management area

2.4.1 List Update Info

The date below “Hot list last update” shows the latest **External hot list** update. If the Hot list is not available or empty the field displays “--/-- --:--”. Clicking on the “Hot list last update” field displays the message box in Fig. 2.7, showing all the available information about the Hot List.

List Info	
Hot list	
Last update	2007-10-24 18:01
Last operation	
Date/Time	2008-02-19 16:22
Result	Success
Close	

Fig. 2.7 – Hot List info

See Table 2.1 – List info description field/functions along with description.



Field / Function	Description
Last update	The date and time when the last update occurred.
Last operation	The date and time when the last operation occurred (may coincide with Last update). This means the last time when the system checked for a new Hot List with the Operations Center.
Result	The result of the last operation (Replace/Update/Skip/Failed). Skip means that the currently loaded Hot List is up to date.
>> or <<	Toggle between Hot List and Fence information box.
Close	Closes the Info box.

Table 2.1 – List info description

By pressing the button “>>” the message box in Fig. 2.8 is displayed, showing all the available information about the Fence List. This is the geographical description of the location protected by the Geofencing function. This can be generated and sent by the Operation Center similar to the Hot List.

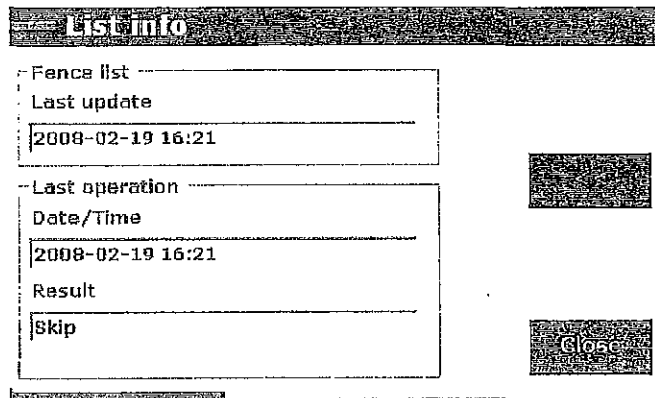


Fig. 2.8 – Fence List info

When the Long Range Communication is enabled and a Hot List update is in progress the "In Progress" string appears in the date field (Fig. 2.9).

Hot list last update



Fig. 2.9 – Long Range updating



2.4.2 LPR Cameras Control

The plate readers can be controlled through the start/stop buttons as shown in Fig. 2.10.

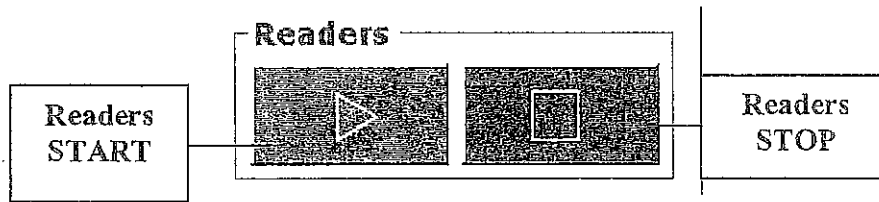


Fig. 2.10 – Start/Stop reader

By pressing the “Readers Start” button all the configured cameras are set to reading mode. By pressing the “Readers Stop” button all the cameras are stopped.

The pressed button, Start or Stop, becomes disabled (grey); referring to Fig. 2.10 the reader is in “Start” condition.

When all the LPR cameras are stopped the LPR status indicator changes from green to yellow.

2.5 LPR - Diagnostics

The “Diagnostic” tab on the upper right of the interface brings the user to the Camera Diagnostics area.

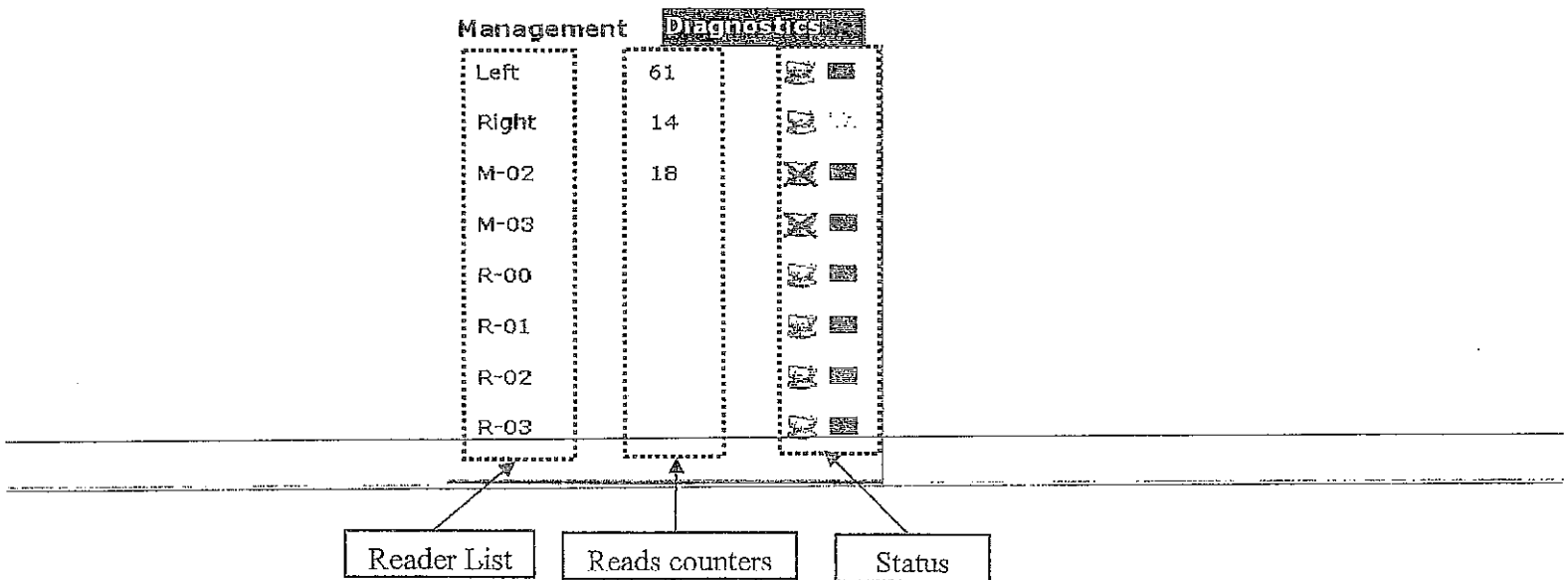


Fig. 2.11 – Diagnostic panel description






Field / Function		Description	
Reader List		This section contains the list of all readers configured in the system; up to 8 readers can be present. Each reader is identified by a user-defined name.	
Reads counters		This section shows the reads counted per LPR camera	
Status	View		The transit/alarm images coming from the corresponding reader are displayed.
			The images of transit coming from the corresponding reader are not shown. Alarms are always active and displayed.
	Reader	 Green	The reader is present and active (running).
		 Yellow	The reader is present, but stopped or in live mode.
		 Red	The reader is not present, not functioning or disconnected.

Table 2.2 – Diagnostic panel function



2.5.1 Live Mode

The Live function allows the user to see live images coming from the selected reader. This feature can be useful during calibration or to check the image quality of each camera.

When a camera is set to Live, active recognition and hot list checking STOP on both cameras until the stop button is pressed, returning the camera to active plate reading mode.

The user can activate the live function by clicking on the name of the selected reader; the background color of the activated live camera and sidebars changes to blue and the status becomes yellow.

To stop live mode press the selected name again or click on the “Management” tab.

When the color camera is present, by clicking on the displayed image the user can switch between the B/W and the color image.

In Fig. 2.12 the live mode on reader “Left” is active.

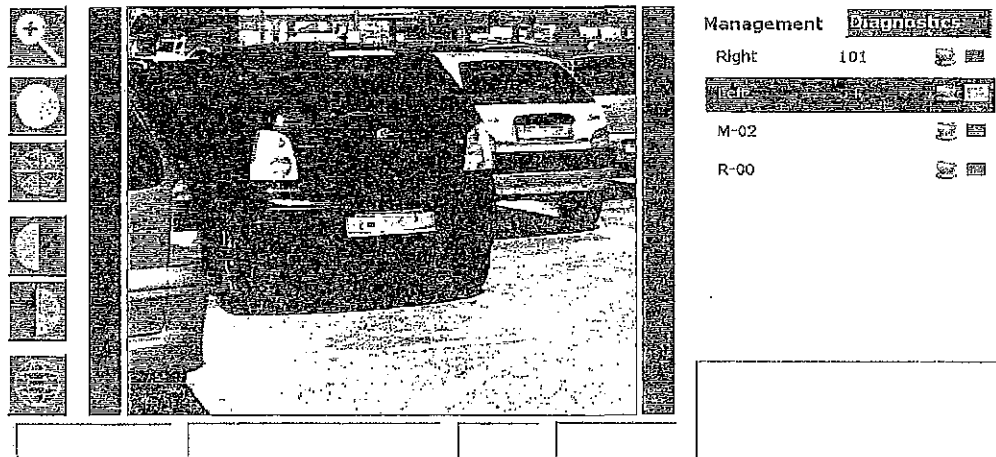


Fig. 2.12 – Live function

Note:

- Only one camera can be “live” at a time.
- Only active readers can be selected.
- When a reader is set to “live” mode, plate recognition and hot list checking on all readers are suspended until the reader is set back to normal mode.

2.5.2 Reader Info


By moving the cursor on the status color, a tool-tip box (Fig. 2.13), containing some information on the selected reader, is shown.




Management

LEFT

RIGHT

FRONT 14 

REAR 16 

Reader ID:00003
 Software version:05.00.00
 Config. version:01.00.00
 Config. code:TEST.640
 Serial number:143322

Fig. 2.13 – Reader info Tooltip

By double-clicking on the colored status indicator, a message box (Fig. 2.14) opens, displaying some information regarding the selected reader.

Info

Reader name	FRONT
Reader ID	00003
Software version	05.00.00
Config. version	01.00.00
Config. code	TEST.640
Serial number	143322

Fig. 2.14 – Reader info

Field / Function	Description
Reader name	The default camera name or user defined alias of the reader
Reader ID	The identification number of the reader
Software version	The version of the software installed onto the reader
ConFig. version	The version of the configuration installed onto the reader
ConFig. code	The name of the OCR protocol
Serial number	The serial number of the reader

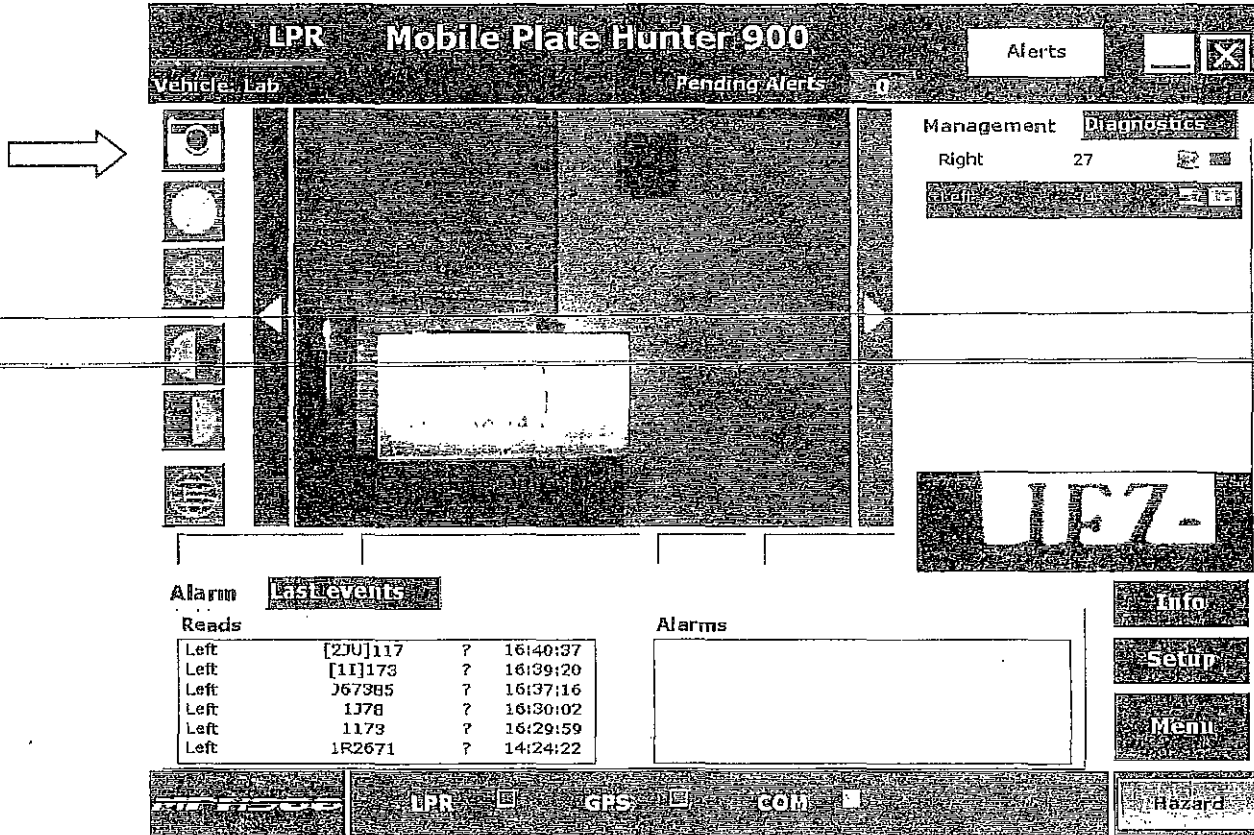
Table 2.3 – Reader info fields



2.5.3 How to take a snapshot with the LPR cameras

The purpose of the function is to use the LPR cameras as normal digital cameras and to take snapshots of the scene in the camera field of view.

You have to select the Live mode by clicking on the camera status indicator under the Diagnostic tab. Then you can select either the color or the B/W image clicking directly of the live image feed area. When ready, hit the camera icon on the top left to freeze the frame.



You can then retrieve your pictures in JPG format from the Data Export folder defined in the setup phase. The installation setup default is C:\DataExport.



2.6 LPR – Other controls



Fig. 2.15 – Application buttons

2.6.1 Info Button

The **Info** button shows information about the software and configuration version installed (Fig. 2.16).

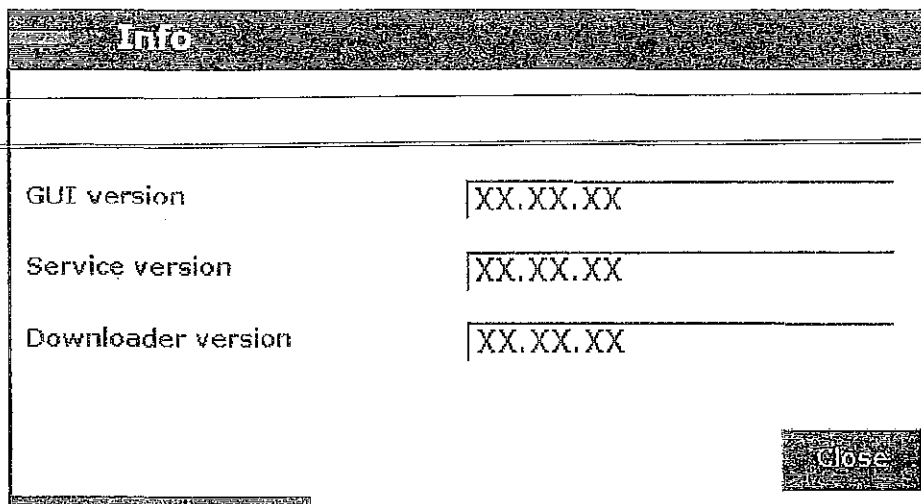


Fig. 2.16 – Info panel

Field	Description
GUI version	Software version of the CarSystem GUI
Service version	Service software version
Downloader version	Downloader software version

Table 2.4 – Info fields

2.6.2 Setup Button

The Setup button opens the configuration panel shown in Fig. 2.17

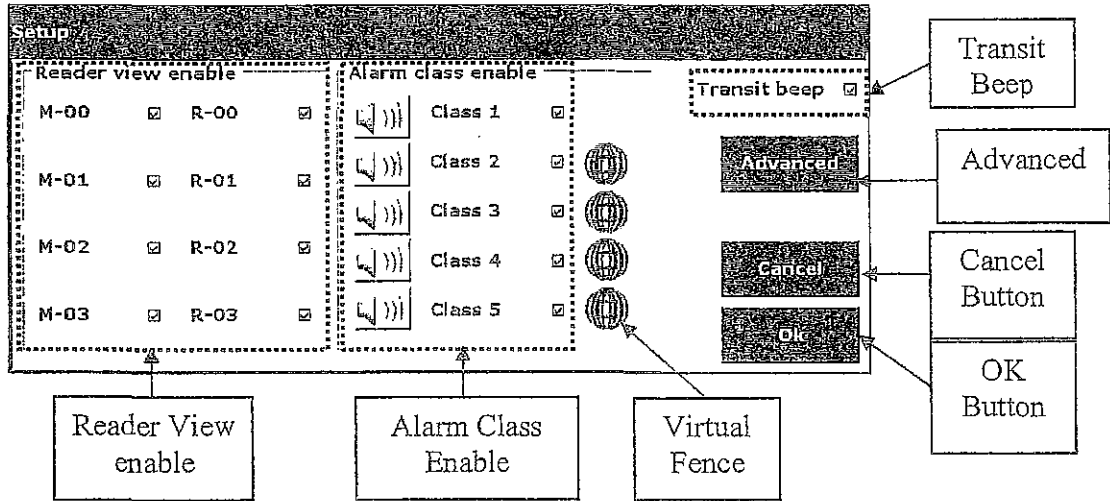


Fig. 2.17 – Setup panel



Function	Description
Alarm class enable	To enable/disable the alarm class sound. Check <input checked="" type="checkbox"/> to enable. If the alarm is disabled, all the alarms of that class will be silent. They will still be sent to the Operations Center, but no real-time notification will go off on-board. Default start condition is Enabled for all the classes. Click on the  button to preview the configured sound for that level.
Virtual Fence	The globe  indicates that the class is associated with a virtual fence. See Section 2.2.9 for more details.
Transit beep	To enable/disable the sound generate at each read. Check <input checked="" type="checkbox"/> to enable. The default start condition is sound enabled.
Reader View enable	To enable/disable the view of transits of the corresponding reader. Check <input checked="" type="checkbox"/> to enable. The grayed reader means that it is configured but disabled; to enable, enter “Advanced” Menu.
Advanced Button	To enter “Advanced” menu to change configuration settings. See 2.6.3 for more details.
Cancel Button	To close the panel without changing the previous settings.
OK Button	To close the panel acquiring the new settings (if any).

Table 2.5 – Setup functions

2.6.3 Advanced Menu

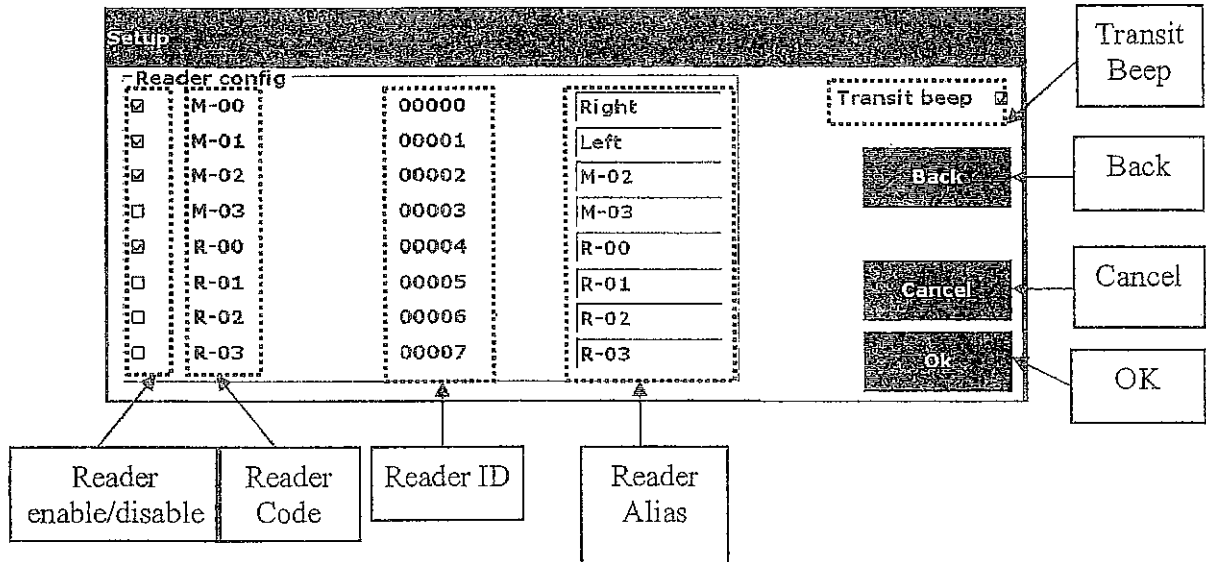


Fig. 2.18 – Advanced Setup

Function	Description
Transit beep	To enable/disable the sound generated at each read. Check <input checked="" type="checkbox"/> to enable.
Reader enable/disable	To enable/disable reader. Check <input checked="" type="checkbox"/> to enable. The disabled reader will be unavailable and no longer in the reader list in the Diagnostic panel.
Reader Code	The internal code of the reader.
Reader ID	The identification number of the reader. This is embedded in the LPR camera and cannot be changed.
Reader Alias	A mnemonic name of the reader. The user can change the default name with a new one (up to 6 chars). This will be the alias referring to the reader shown for transits and alarms.
Back Button	To return to Setup panel.
Cancel Button	To close the panel without changing the previous settings.
OK Button	To close the panel acquiring the new settings (if any).

Table 2.6 – Advanced Setup

2.6.4 Menu Button

This button closes the LPR application and returns to Main window menu.



2.7 LPR - Operations - Hot List Management

This area allows the operator to manage the Hot List and check a plate against the list manually.

When the **Operation** button is pressed, the screen below is shown. The following pushbuttons are available:

- **Search** - Search for a Plate in the Hot List
- **Insert** - Insert a Plate into the Hot List
- **Delete** - Delete a Plate number from the Hot List
- **Delete Local Hot List²** - Delete the temporary Hot List, made up of plates manually inserted by the Operator
- **Close** - Close the window and returns back to the LPR window.

² The Temporary Hot List is the set of plates entered manually since the last external hot list update. An operator may choose to delete the Temporary Hot List at the end of a shift, thereby removing all the temporary plates.



Field / Function	Description
Function Tabs	To select one of these tabs <ul style="list-style-type: none"> • Hot list • Hot list results • Reports (if enabled) • Report results (if enabled) • Cartography (if enabled)
Plate Field	Field where to input the plate string; see Table 2.8 for allowable characters
Note Field	Field for the insertion of a note associated to the wanted plate (not mandatory) and set the alarm level
State/Country Selection	To select a State/Country from the list using drop-down menu or spin-buttons <input type="text" value="A"/> <input type="text" value="V"/>
Search Button	To search the specified string in the hot lists
Insert Button	To insert the specified plate into the Local hot list
Delete Button	To delete the specified plate from the Local hot list
Local HL Delete Button	To delete the entire Local hot list
Caps Lock Key	To toggle the alphabetic keys between capitol and small letters
Space Bar Key	To insert a blank space
Special Characters Key	To toggle between alphabetic and symbols (returns to alphabetic after each symbol pressing)
Backspace Key	To erase one character at the right of the cursor
Cursor move Keys	To move the cursor in the direction of the arrows
Close Button	To close the Operations panel

Table 2.7 – Hot list functions

The Temporary Hot List is composed by all the plates inserted from the Car System interface through the Insert button. The External Hot List is the one downloaded at the beginning of the mission. The External Hot List can't be deleted from the Car System user interface.

Table 2.8 specifies the characters that can be entered in the Plate field



Character	Description
A÷Z	Alphabetic characters
0÷9	Numeric characters
?	Special character which means any alphanumeric chars (A-Z and 0-9). Only one '?' can be inputted in the string and it can be in any position (e.g. AB?23CD).

Table 2.8 -- Plate allowable characters

If an invalid character is inserted the following message-box is displayed.

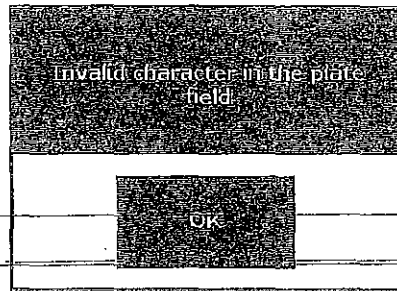


Figure 2.19 – Invalid character message

2.7.1 Search – Plate Search

This command performs a search for the specified plate in both the **Local** and **External Hot list**.

- Insert the string of the plate to be searched [Plate field]
- Select the Country/State using the drop-down list or the spin buttons [State/Country Selection]
- Press “Search” button

Using “?- ALL STATES” in State/Country all plates that match the plate string are included in the result.

To speed up the search operation, the user can press (after the insertion of the plate) the “Enter” key while the focus is on the “Plate” or “State” field. The Enter key is equivalent to the Search button in this context.



When the command is executed, one of two message-boxes (Fig. 2.20a-b) is shown.

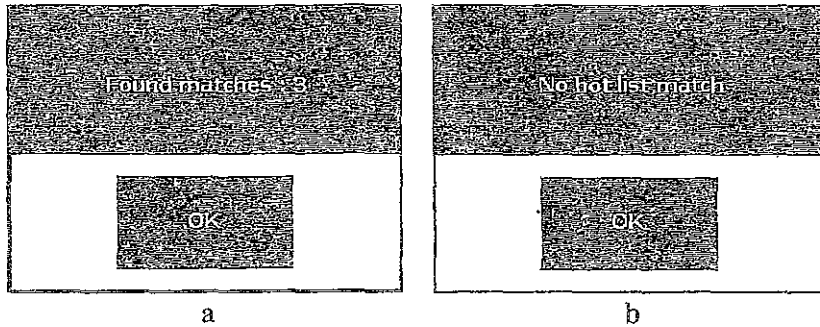


Fig. 2.20 – Search result messages

Plate Found

The message-box in Fig. 2.20-a is shown if one or more plates are found and indicates the number of hits.

Clicking on “OK” the system presents the “Hot list panel results”.

Plate not Found

If the searched plate is not present in Hot lists the message-box in Fig. 2.20-b is displayed. Clicking on “OK”, the system returns to “Hot list” panel (Fig. 2.6).

2.7.2 Hot List Search Results

Clicking on tab “Results”, after a search with at least 1 plate found (see Section 2.7.1), the panel in Fig. 2.21 is displayed.

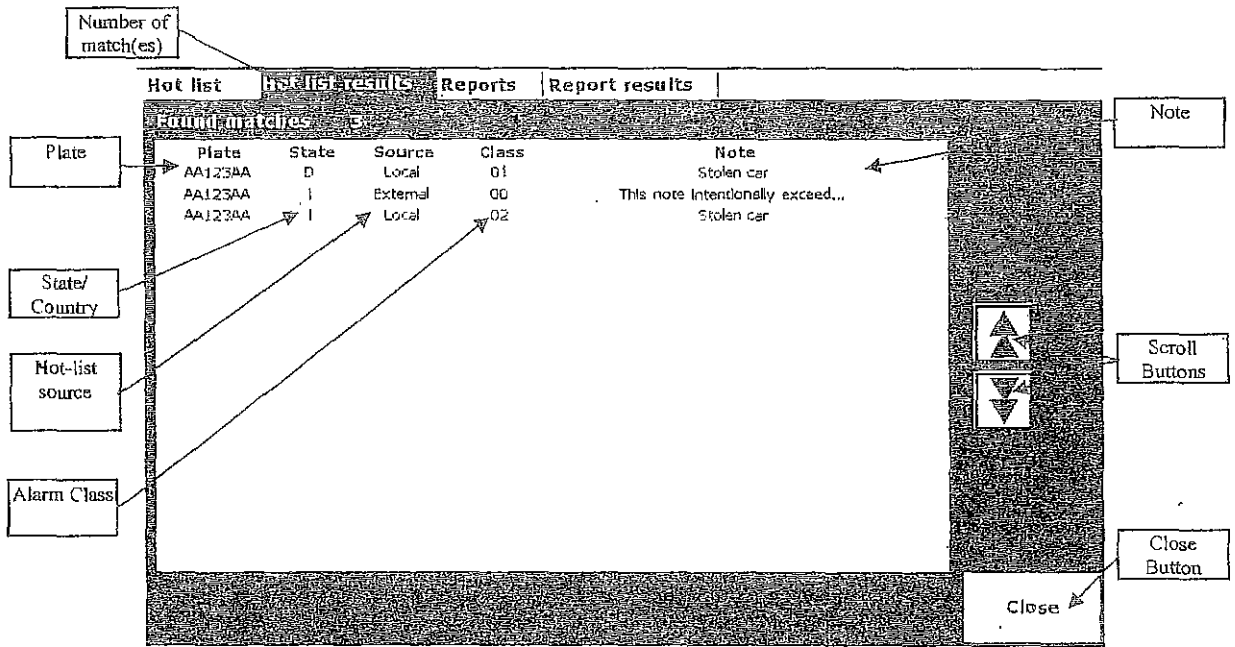


Fig. 2.21 – Hot list results panel



Field / Function	Description
Plate	The plate searched for. It is possible to find the same plate twice, one in Local and the other in the External Hot list.
State/Country Selection	The Origin State(s) or Country(ies) of the searched plate.
Hot-list source	It indicates in which list the plate is present: Name of the hot list owner (e.g. "NYPD"), "External" if the list has no name or "Local" for the on board list.
Alarm Class	It specifies the class of alarm associated with the plate (0-5).
Note	The note linked to the plate. When the note is too long the field cannot show the entire string and it will be truncated. When this happens 3 dots will be present; a tool-tip containing the entire string will be displayed (Fig. 2.22); however, the string cannot exceed 100 characters.
Scroll Buttons	To scroll the list up or down
Close Button	To close the Operations panel

Table 2.9 – Hot list Results Function

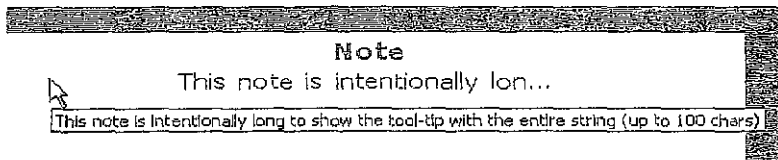


Fig. 2.22 – Hot list Note tool-tip

2.7.3 Insert – Plate Insertion

This command inserts the specified plate into the **Local Hot list**.

- Insert the string of the plate to be inserted [Plate field]
- Select the Country/State using the drop-down list or the spin buttons [State/Country Selection]
- Insert a note (optional) [Note field]
- Press “**Insert**” button

Alarm Class choice

During the plate insertion procedure the system requires to select the Alarm Class by pressing one button present in the message box (Fig. 2.23).

Up to 5 different alarm classes can be chosen. If you don't want to select a class (standard alarm), press the “Skip” button.

Each alarm class is associated to a customizable sound message (.wav) making it possible to specify the exact meaning of the alarm (Stolen car, Wanted or missing person, etc...).



When selecting a class with an associated “Virtual fence”, the alarm goes off only if the plate is inside the fence area.

Please, select alarm class		
Stolen vehicle	Wanted person	Stolen plate
Suspended revoked	Scofflaw	Stolen out state
Violent gang	Sexual offender	Other
Tax scofflaw	default	

Fig. 2.23 – Alarm Class choice

If insertion succeeds, the message-box in Fig. 2.24 is shown.

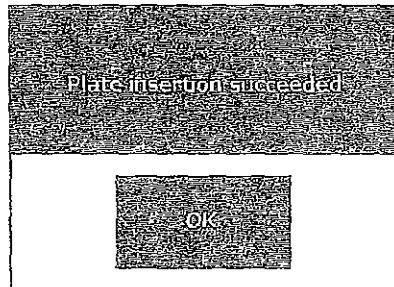


Fig. 2.24 – Insertion succeed message

If the plate has been previously inserted, the message-box in Fig. 2.25-a is presented. By clicking the “OK” button, the “Retroactive alarms” search box is shown (Fig. 2.26).

If the command fails, the message-box in Fig. 2.25-b is displayed.

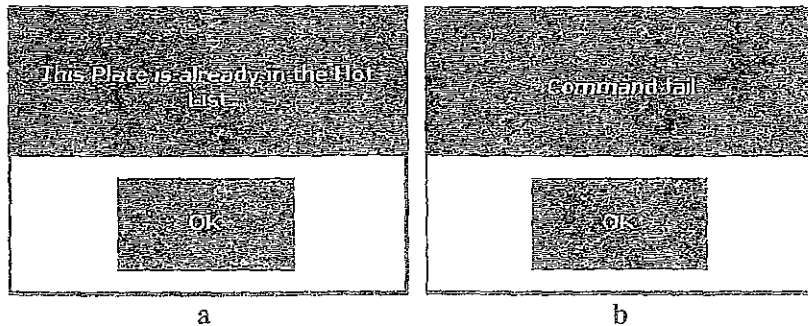


Fig. 2.25 – Insertion result messages

Whenever a plate is inserted into the current Local Hot list an optional query on all the past reads in the database can be carried out. A dialog-box is presented for confirmation to the user (Fig. 2.26). In case of positive match a table with all the previous reads of the new wanted plates is presented. See chapter 2.8 for more details about results.

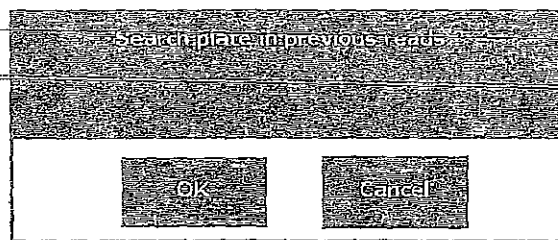


Fig. 2.26 – Search in previous reads

2.7.4 Delete – Plate Deletion

This command deletes the specified plate in the Local Hot list.

- Insert the plate number [Plate field]
- Select the Country/State using the drop-down list or the spin buttons [State/Country Selection]
- Press “Delete” button

Failures occur in the following conditions:

- trying to delete a plate not present in Local Hot list (e.g. wrong State/Country)
- trying to delete a plate already deleted
- trying to delete a plate in External Hot list

2.7.5 Delete Local Hot list

This command deletes the complete Local Hot list.

To execute the command follow these steps:

- Press the button “Delete local hot list
- A message-box in Fig. 2.27 is presented
- To confirm the deletion of the entire Local Hot list, press “OK”, otherwise press “Cancel”

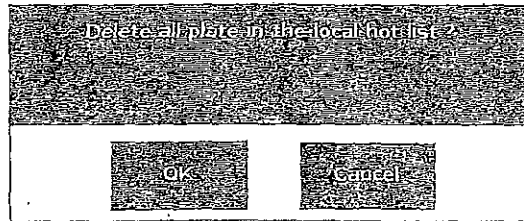


Fig. 2.27 – Local hot list delete message

When the command has been executed, the message-box in Fig. 2.28 is shown

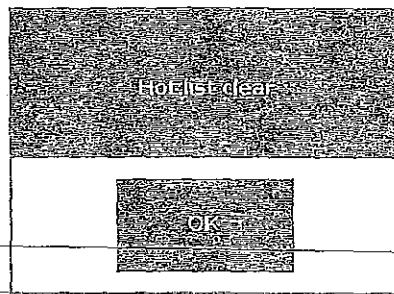


Fig. 2.28 – Local hot list clear message

The Local Hot list is the set of plates entered manually since the last external update. A user may choose to delete the Local Hot list at the end of a shift, thereby removing the plates that have been of interest during the patrol mission.

The life time of Local Hot list entries is a configurable value. The default value is usually set to 5 days. After this period, the CarSystem will automatically delete the expired entries.

Note: The External Hot list cannot be deleted by the user.

2.7.6 Retroactive alarms

Whenever a new plate is inserted into the current Temporary Hot List an optional query on all the past reads in the database shall be carried out. A Dialog Box shall ask for confirmation to the Operator. In the case of a positive match, a table with all the previous reads of the new wanted plates is presented.

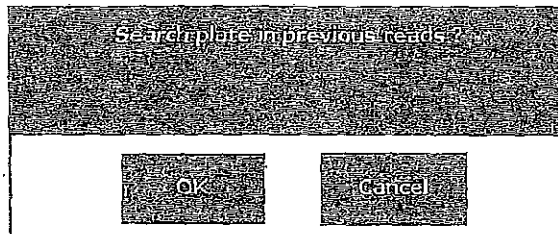


Fig. 2.29 – Search in previous reads



2.8 LPR - Operations - Reports and queries

The OPERATIONS button on the main page opens up the Hot List management functions and the on-board reporting.

The reporting functions are the following:

- Shift report: The report contains the total reads, alarms and rejected alarms of the current day. Data is presented as a table, each row containing the total numbers of reads and alarms for each one-hour time interval of the day, from 00 to 11 PM. The last row refers to 23.00 – 00.00.
- General report: The report contains the total daily reads and alarms for every previous operations day. This is a multi-page table where each row corresponds to a day. The total number of recorded days is an installation parameter and can be set according to the user needs.

All the previous reads and alarms are stored in the system. The user interface provides means to query and retrieve data and images.

The reporting and query operations can be utilized even if the MDT/laptop is not connected to the MPH™ 900 processor.

Shift definition. A Shift coincides with a solar day from 00.00 to 23:59:59

Statistics definition. Each statistic record shall include:

- 1) **Reads.** Any actual plate read, including alarms.
- 2) **Alarms.** Accepted (confirmed by the user) alarms by means of the Accept button on the user interface + Time-out alarms (neither confirmed nor rejected)
- 3) **Rejected alarms.** Rejected (false or repeated) alarms by means of the Reject button on the user interface



2.8.1 Shift Report

The Shift Report contains the total reads, alarms and rejected alarms of the current day.

Data is presented as a table, each row containing the total numbers of reads and alarms for each one-hour time interval of the day, from 00 to 23 (11 PM). The last row refers to 23:00 – 00:00

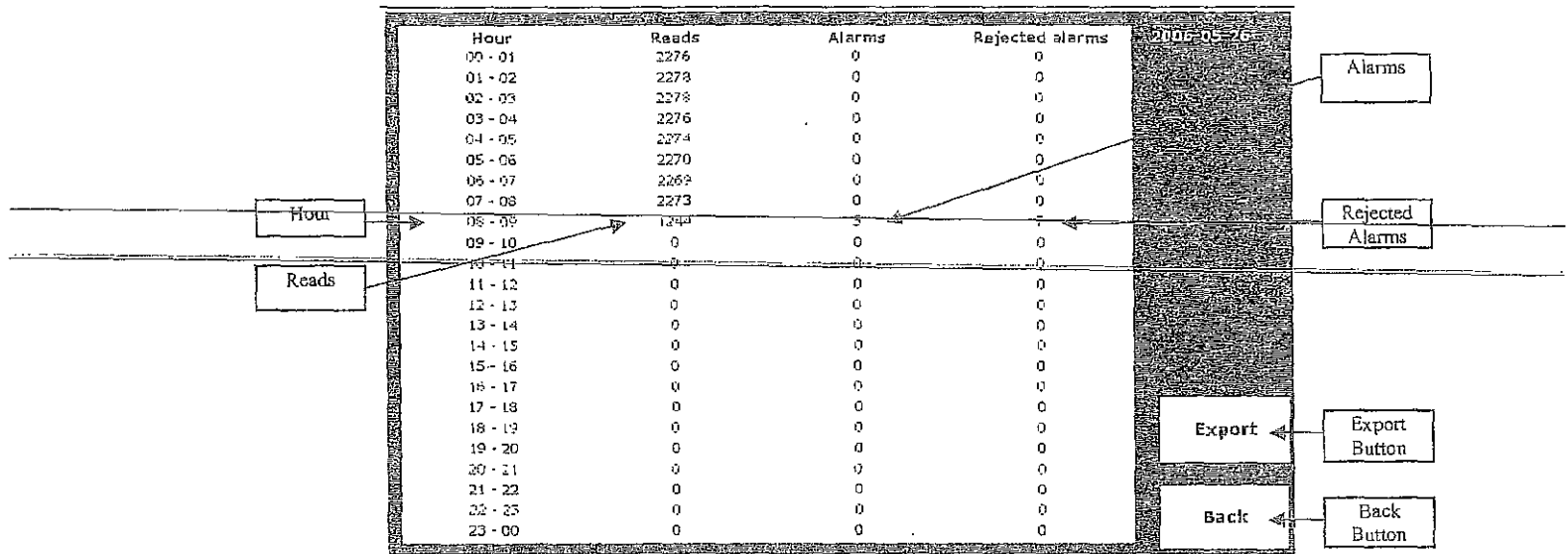


Fig. 2.30 – Shift report panel

Field / Function	Description
Reads	Number of reads (including Alarms and Rejected Alarms) for the specified hour interval
Alarms	Number of Alarms for the specified hour interval
Rejected Alarms	Number of Rejected Alarms for the specified hour interval
Export Button	To save the query result into a file for exporting
Close Button	To close this panel and return to Main Window panel

Table 2.10 – Shift report functions



2.8.2 General Report

The **General report** contains the total daily reads and alarms for every previous operations day. This is a multi-page table where each row corresponds to a day. Fig. 2.31 shows an example of a General Report.

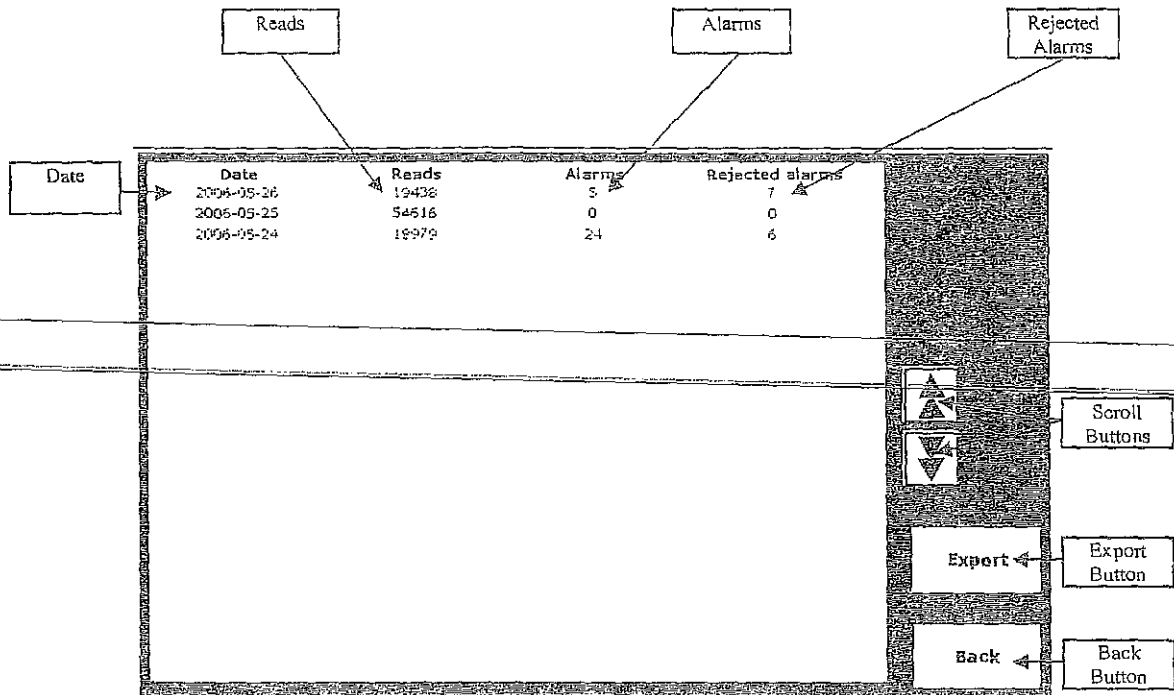


Fig. 2.31 – General report panel

Field / Function	Description
Date	Year-Month-Day, one day per row
Reads	Number of reads (including Alarms and Rejected Alarms) for the specified day
Alarms	Number of Alarms for the specified day
Rejected Alarms	Number of Rejected Alarms for the specified day
Scroll Buttons	To scroll page up or down to see more pages
Export Button	To save the query results into a file for exporting
Close Button	To close this panel and return to Main Window panel

Table 2.11 – General report functions



2.8.3 Queries

It is possible to query the database of reads/alarms. The search input fields shall be:

- 1) Reads, alarms, rejected alarms (default = alarms)
- 2) State (default = All States)
- 3) Plates
- 4) Date Range (default = today). The Year default is the current year. A button allows changing it to the last Year.
- 5) Time Range (default = last hour)

Field / Function	Description
Start Date/Time	Fields with Day-Month-Year-Hour-Minute of start for searches of alarms/reads stored in database; if an invalid date is entered an error message box is displayed
End Date/Time	Fields with Day-Month-Year-Hour-Minute of end for searches of alarms/reads stored in database; if an invalid date is entered an error message box is displayed
Plate String	Plate number to search for.
Input Keys	Keys to enter the string (Plate) and Date/Time values (Start and Stop). Keys are context sensitive and change in accordance with the field (highlighted); it will be like in Fig. 2.32-a for date fields, Fig. 2.32-b for hour and minute fields and Fig. 2.32-c for plate string.
State/Country	Country/State selection using the drop-down list or the spin buttons
Search Button	To search in database with the inserted constraints
Type Selection	Selection among Alarms/Rejected alarms/ Reads for queries <ul style="list-style-type: none"> • Alarms: Accepted (confirmed by the user) alarms and Time-out alarms(neither confirmed nor rejected) • Rejected alarms: Rejected (false or repeated) alarms by means of the Reject button on the user interface • Reads: Any actual plate read, including alarms.
Data Download Button	To run a Data Download, that is a back up of all the reads/alarms to be manually exported to the Operations Center
General Report Button	To generate a report that lists the total number of Reads, Alarms and Rejected Alarms present in database, one row per day.
Shift Report Button	To generate a report that lists the total number of Reads, Alarms and Rejected Alarms present in database, one row per hour. A Shift coincides with a solar day from 00.00 to 23:59:59 (11:59:59 PM) of the current day.



Field / Function	Description
Close Button	To close this panel

Table 2.12 – Reports functions

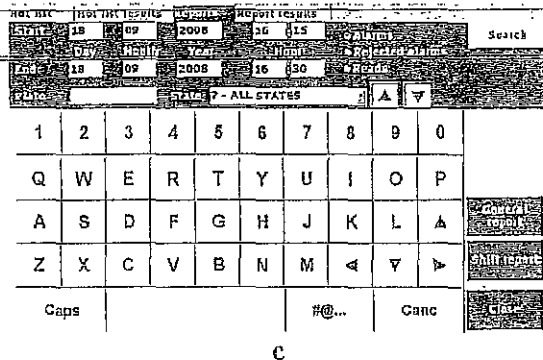
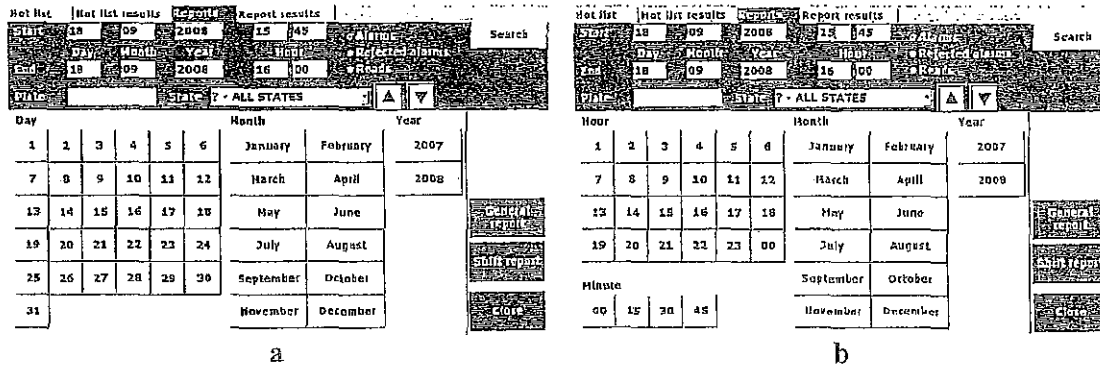


Fig. 2.32 – Input keys

If search succeeds, a panel with the results is shown, otherwise the Fig. 2.33 message-box is presented.

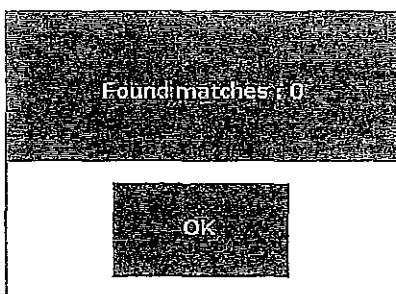


Fig. 2.33 – No matches found

The search field values are kept after the end of the query as the starting point for the next query. The search values returns to the default values when the Search window is closed.



As soon as the focus is on one of the input fields, the corresponding keyboard is activated. For example, if you click (or touch) the "Day" field, the 31-day keys are activated.

If the focus is on the "Hour" fields, a 24-keys "hours" keyboard shows up, replacing the 31 "Day" keys.

The search field values are kept after the end of the query as the starting point for the next query. The search values return to the default values when the Search window is closed.

Search for partial plates.

It is possible to perform wildcard searches to find out plates compatible with partial information. The wildcard characters are:

- % corresponds to * (every substring of any length)
- _ means any single character
- [ab] means either a or b

Examples:

XYZ% search for every plate starting with XYZ of any length.

X_Z search for plates of length 3 with any character in the middle position

X[WY]Z search for either XWZ or XYZ



2.8.4 Report result page

The screenshot shows the 'Report results' tab selected. The main area contains a table of search results. Below the table is a detailed view of a selected record, including a photo of a car, map controls, and fields for Class, Source, and Stolen vehicle status.

Date	Plate	State	Reader	Lat	Long
2007-10-24 13:17:13	DF487PG	I	M-00	44.428487	8.750425
2007-10-24 13:17:13	ZK619RS	I	M-00	44.428487	8.750425
2007-10-24 13:17:13	AZ313KH	I	M-00	44.428487	8.750425
2007-10-24 13:17:13	AZ313KH	I	M-00	44.428487	8.750425
2007-10-24 13:17:13	BC330TC	I	M-01	44.428487	8.750425
2007-10-24 13:17:13	CA308GA	I	M-01	44.428487	8.750425
2007-10-24 13:17:13	DF487PG	I	M-00	44.428487	8.750425
2007-10-24 13:17:13	ZK619RS	I	M-00	44.424548	8.87851
2007-10-24 13:17:12	AZ313KH	I	M-00	44.426558	8.879445

Callouts in the image point to: Match(es), Date & Time, Plate, State/Country, Reader Code/Alias, Latitude & Longitude, Image/Map Area, Scroll Buttons, Alarm status, Hot list owner, Alarm class, Note, Image/Map Controls, Export Button, and Close Button.

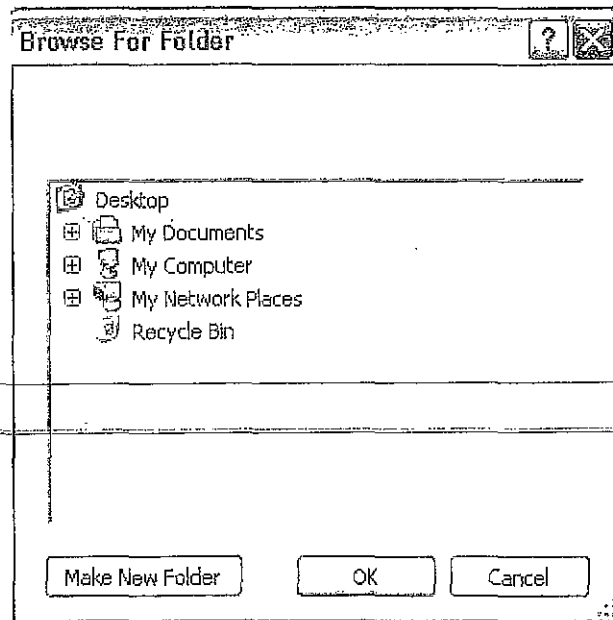
The previous figure shows an example of the Report Results page. The performed query returned 15 records. Every record is a row of the scroll-down table on the upper pane. The record is made up of the following fields:

- o **Date.** Timestamp of the read.
- o **Plate.** Read Plate string. The presence of characters in brackets means that there are ambiguities in the string interpretation. For example, 96[0O]AG means that the third character may be either a 0 or an O. Usually, both the possible strings 960AG and 96OAG are matched against the Hot List.
- o **State.** Normally the reader can't determine the State so the field is filled with a '?'. If there is a match in the Hot List (alarm), the State in the Hot List associated to the Plate is placed in the State field.
- o **Reader.** That field shows which camera provided the Read.
 - M-00 refers to the Right Hand camera
 - M-01 refers to the Left Hand camera
- o **Lat and Long.** Those are the GPS coordinates.



Export Function

Every result page contains the EXPORT button, including the Shift Report and general Report pages. The buttons allow saving the result of the queries in a selectable folder. The following dialog box allows the Operator to browse for the desired folder.



The output files have the following naming convention:

Car_<CarId>_GeneralReport_<date><time>.txt is the output of the General Report Export.

Car_<CarId>_ShiftReport_<date><time>.txt is the output of the Shift Report Export.

Car_<CarId>_Query_Reads_<date><time>.txt is the output file for any Search operation on the Read database.

Car_<CarId>_Query_Alarms_<date><time>.txt is the output file for any Search operation on the Read database.

<CarId> is the Car Identifier, which is a 5-character numeric string from 00001 to 99999.

<date><time> is the date and time of the Export operation.

The output files are Tab delimited text files, easily importable in any commercial Spreadsheet programs.

The Shift and General reports contain basically the same information of the relative tables. The result of any query contains a list of records. Each record is made up of the following fields;

1. Date of the read
2. Time of the read
3. Plate



4. State
5. Note, that is the Hot List description for alarms only
6. Latitude
7. Longitude

The record can also be directly imported on many commercially available mapping programs in order to visualize the read position on a geographical map.

If the Zip format has been selected during the setup phase, data and images will be exported as a ZIP file including an HTML file with links to both B/W and color images.

Database Housekeeping.

Data (database records and images) shall automatically be erased after a configurable number of days. The data persistence must be selected during the software installation procedure.

It is possible to reset all statistics on-demand at any time by using a special tool, available in the following folder:

C:\Program Files\Elsag spa\Car System\LtbaData\Reset\Reset_Ltba_data.bat

Double-click on the above batch file and follow instructions.



2.9 LPR – Operations – Cartography

Cartography is the plug-in that allows the user to localize each detected transits and alarms on a map.

The user must set first the search criteria in the “Reports” tab, then clicking on the “Cartography” tab and a map with the resulting transits/alarms is shown (Fig. 2.34). The scale factor can vary to include all transits/alarms; multiple blocks (maps) are generated if they exceed the configuration limit. Each read is represented as a green circle. An alarm is shown as a red triangle.

Cartography panel description

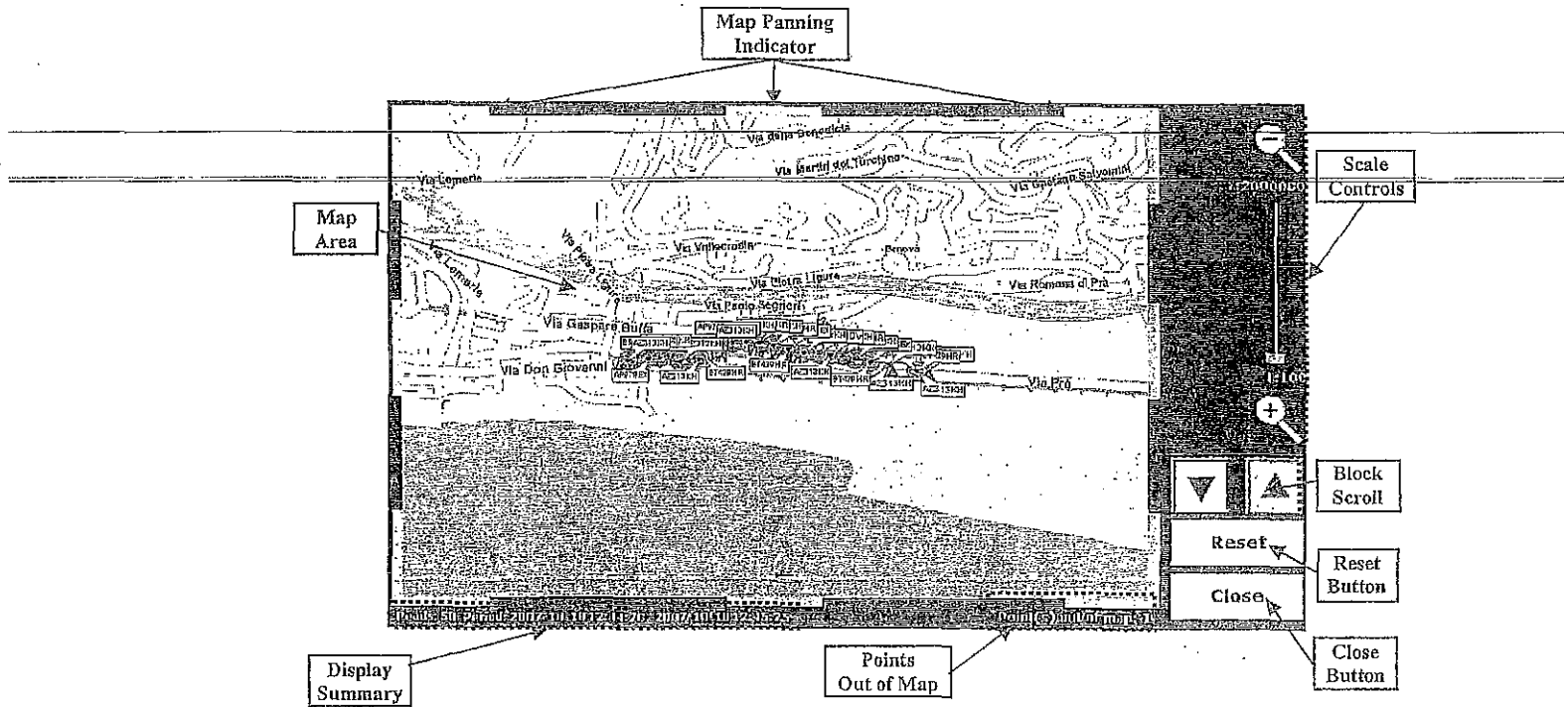


Fig. 2.34 – Cartography panel description









Field / Function	Description
Scale controls	<p>To change the scale factor of the map.</p> <p>Click on  to shrink the area and see a more detailed map (max 1:100).</p> <p>Click on  for a wider area view (min 1:2000000).</p> <p>Move the slider cursor to operate in the same manner.</p> <p>The zoom factor increment/decrement is logarithmic allowing more accuracy when it operates in detail or faster panning in large area view.</p> <p>The number of steps from min to max is a configurable value.</p>
Map Panning Indicator	<p>Click inside the map near the eight light-blue zones for map panning, cursor becomes  making it possible.</p> <p>To re-center the map: point the cursor  on the wanted center-point and click.</p>
	Map displaying area.
Map Area	<p>A flag pushpin, with a label containing the plate string, indicates the place where the transits/alarms were captured; the color change from green for transits to red for alarms.</p> <p>If an alarm was generated by a virtual fence violation the limits of the fence are also depicted.</p>
Out of Map Points	It notifies if there are points not included in the displayed map (e.g. with invalid/missing coordinates) for the current block.
Block Scroll	<p>To move to  next or previous  block.</p> <p>There is a limit of transits/alarms visualized in the map, if reads/alarms exceed the limit they will split in multiple blocks (maps).</p> <p>Use this control to switch among the blocks.</p> <p>The max number of transits/alarms in a map is a configurable value.</p>
Display Summary	<p>Indicates the range conditions of displayed map.</p> <p>Reads/Alarms: number of transits/Alarms in the map</p> <p>Start/End Date-Time: temporal ranges</p>
Reset Button	To reset to first block visualization
Close Button	To close this panel and return to Main Window panel

Table 2.13 – Cartography panel functions



3 GPS – Localization

The application GPS Position is developed in order to allow the customer to receive and monitor the localization data in NMEA format coming from a GPS receiver connected to the on-board PC through a USB or serial port.

The LPR system still reads plates and actively compares each to the hot list while the operator is in this mode.

To access to the GPS application, the operator selects the application button from the main window.

Once the application has started, the Graphic User Interface shows the following panel:

The screenshot shows the 'GPS Position' application window. At the top, it displays 'Vehicle: ELSAGNAmerica' and 'Pending Alerts'. The main content area is divided into 'Current Location' and 'Current Quality' sections. The 'Current Location' section includes fields for Latitude (41.420027 : N), Longitude (73.572118 : W), UTC Time (13:49:12), and Altitude (257.1 : M). The 'Current Precision' section includes Speed (Kph) (2.07), Speed (Mph) (1.29), and Direction (23,28). The 'Current Quality' section includes Quality (1), Age, Station ID, Geoseparation (-34.2), Number of Satellites (04), Dilution of Precision (9.1), Horizontal DOP (9), and Vertical DOP (1). There are also 'Satellites', 'Info', and 'Menu' buttons. The bottom status bar shows 'About', 'LPR', 'GPS', 'COM', and 'Hazard' indicators, along with a timestamp '2008-04-28 09:55:40'.

All the fields shown in the panel are explained in the table below.



Field / Function		Description
Current Location	Latitude	Latitude value with the hemisphere N=North / S=South
	Longitude	Longitude value with the back E=East / W=West
	Altitude	Mean sea level altitude (regarding the Geode) M=meters
	UTC Time	Coordinated Universal Time hh:mm:ss
Navigation Info	Direction	Direction in degrees North=0
	Speed (Kph)	Speed in Kilometers per hour
	Speed (Mph)	Speed in Miles per hour
	Quality	GPS Quality: 0 = not valid, 1= GPS, 2 = DGPS. On the right of this field a diagnostic status indicator shows the quality the GPS signal (green=good, yellow= not enough satellites, red=the receiver does not work or is not connected). It represents the same code shown in the diagnostic section
	Age	Time in second from last DGPS update
	Station ID	DGPS station Identification (0000 - 1023)
	Geoseparation	Separation from geode
Current Quality	Number of	Number of satellites in view from the GPS sensor
	Satellites	
	Dilution of Precision	A low DOP value represents a better GPS positional accuracy
	Horizontal DOP	Horizontal Dilution of precision A low HDOP value represents a better GPS positional accuracy
	Vertical DOP	Vertical Dilution of precision A low VDOP value represents a better GPS positional accuracy
Satellites Button		To open a Message box showing the information about the satellites in view

3.1 Satellites

By pressing the button "Satellites", the message box in Fig. 3.1 will pop up showing the information about the satellites in view.

In the upper part the Signal to Noise Ratio of each satellite is displayed with a vertical bar graph.

In the lower part the data regarding each satellite is shown.

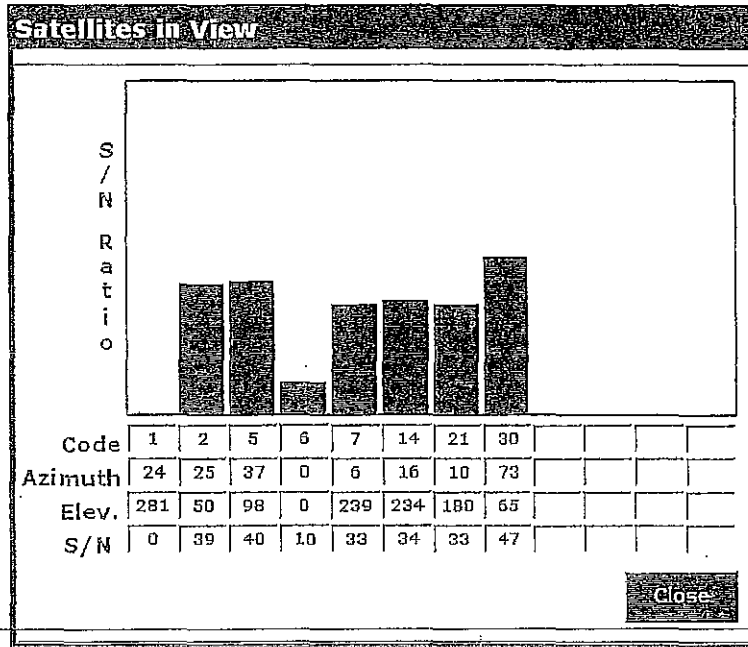


Fig. 3.1 - Satellites in view





Field / Function	Description
Code	The code number of the satellite
Azimuth	The azimuth value of the satellite
Elev.	The elevation value of the satellite
S/N	The Signal to Noise Ratio of the satellite
Close	To close the current view



3.2 Diagnostic

The diagnostic related to the position service, shown in the bottom section of the application, allows the operator to understand if there is any problem about the service and the GPS sensor.

The position diagnostic can assume the following statuses:

	Grey: the service hasn't sent any information about the status
	Green: the service and the GPS sensor are working
	Yellow: the sensor is connected but it isn't receiving information from enough satellites in order to give accurate information
	Red: the device is not connected or is not working

Other controls

The **Version** button on the Localization application shows a message box with the information about the release of the software.

The **Menu** button closes the application and returns back to the main window.



4 Hot List Manual Import

A prerequisite for the MPH900 Alarm Mode function is the availability of a list of wanted License Plates or Hot List. Without a correctly loaded Hot List, the system can only work in Data Collection Mode, meaning it just reads and stores every plate that crosses the cameras field of view.

The MPH900 uses a very simple format for Hot List entry. Records consist of an 8-character plate number, a 2-character state and a note or comment field that can be up to 100 characters long. The note field is displayed to the operator on an alarm and can be unique to the record.

Once a properly formatted hot list is prepared and placed in a .txt file, copy the file to the MDT folder:

<path>\hotlist

Where:

<path> is the installation drive (for example C:)

~~The Hot list file name can have the format: <AnyName>.<ext>;~~

Where:

AnyName	a generic or mnemonic alphanumeric name
ext	file extension (for example TXT) as defined in the configuration file. The default extension is TXT

When a Hot List with a generic filename is imported, the GUI shows the load time. If the Hot List filename is in the format: YYYYMMDDhhmmss.TXT, where:

Field	Description	Value
YYYY	year	1900-→
MM	month	01-12
DD	day	00-31
hh	hours	00-23
mm	minutes	00-59
ss	seconds	00-59

the GUI shows the date and time as specified in the filename;

Hot list last update
2005-06-14 09:06



After the Hot list file has been copied into the specified directory, the system starts transferring and the message in Fig. 4.1-a is shown; as the transfer ends, the Hot list update process begins.

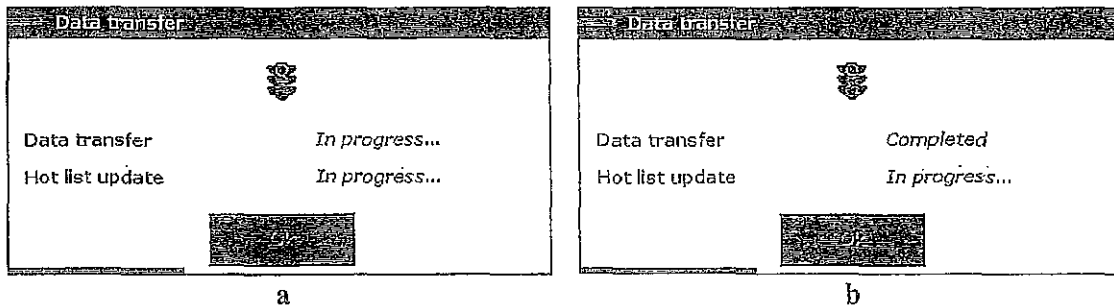


Fig. 4.1 – Hot list import

At the end of update process, the message in Fig. 4.2-a is displayed if the operation succeeded. If something went wrong, the message box in Fig. 4.2-b appears. Inform your administrator or technical support if a failure occurs.

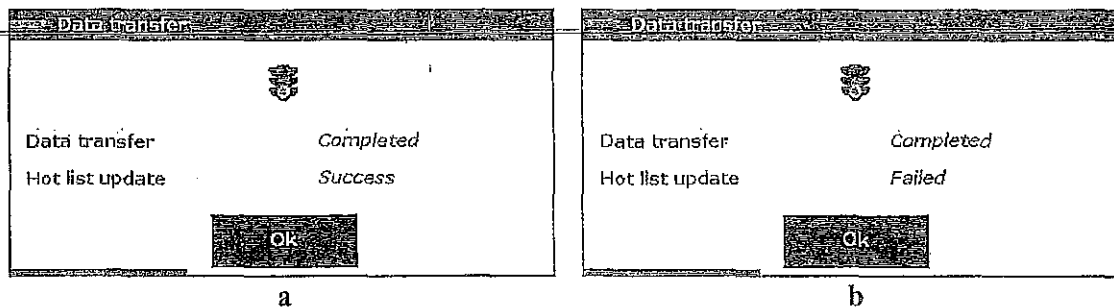


Fig. 4.2 – Hot list import result

Click on the “OK” button to close the message box.

When the Traffic light turns green, the operator hits OK and the Hot List is loaded. It is a good idea to perform a Search for a few plates in the Operation area to assure that the list is correctly formatted and loaded before the start of the Shift.

4.1 Import from a USB drive

The import of a HotList from an USB drive can be enabled by setting the proper parameter in the configuration file or can be specified during the setup procedure.

After the insertion of the USB drive the import starts and the HotList is downloaded. When the importing is successfully completed the message box in Fig. 4.3 is presented.

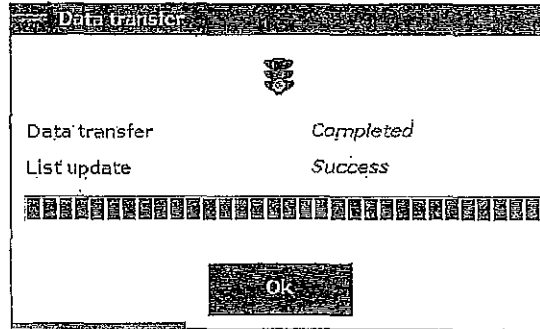


Fig. 4.3 – Hot list import success

The HotList is detected in any drive associated to the thumb drive. The HotList file must be placed in the drive root and shall not be deleted so that the same thumb drive could be used many times.

Warning: The event that triggers the HotList download is the insertion of the thumb drive; therefore, if the drive is already inserted at the PC startup, the HotList is not loaded.



5 Virtual Fence

The Virtual fence is a feature that allows the system to generate an alarm when two conditions are met:

- o Match on a record of the HotList when the plate belongs to a specific class (normally class 8, Sexual Offenders)
- o The read GPS location is inside an area called Virtual Fence.

The typical application is the protection of school areas from registered sexual offenders; also the function can be used to enforce restriction orders related to a specific house or location.

The virtual fence is defined and attached to one of the alarm classes through a fence configuration file (.fc).

The map, generated by a virtual fence violation, shows the plate detected, the area-limits and the area-center (Fig. 5.1).

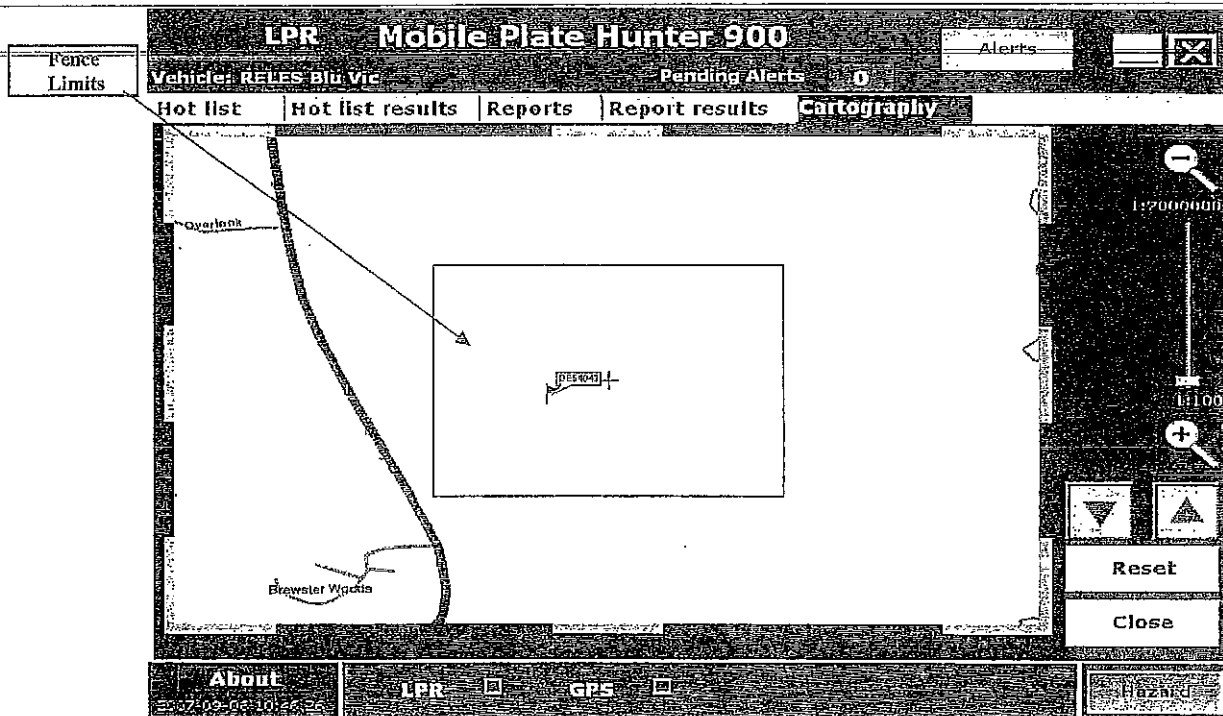


Fig. 5.1 – Virtual Fence map



5.1 Geofencing Setup Check-list

1. Decide which alarm class to use for Geofencing. It is recommended to use class 8 or a class that you are not using. Prepare your Hot List accordingly.
2. Get the addresses you want to put a fence around and then find the coordinates of those areas like schools, parks, etc. You can find coordinates of those places on the internet that can give you this information. For example you can use this site <http://www.batchgeocode.com/lookup/>.
3. In the folder <Kit\KIT_AD3M_2.3.1\Utility , open the file with the name 20071101134525fr.fc. The file can be opened with notepad or any text editor.
4. Inside that file you will see an entry: 6 41,4202 -73,5720 100 . You must follow this format for the fencing to work. The entry format is as follows:
 - 6 - represent the alarm class to use
 - 41,4202 -73,5720 - is the coordinates of the center of the area to fence
 - 100 - is the radius in yards of the area
5. Enter one line for every area to fence.
6. The file then must be renamed in a timestamp format. `yyyymmddhhmmssfr.fc` where:

<yyyy> 4 digit year
<mm> 2 digit month
<dd> 2 digit day
<hh> 2 digit hour
<mm> 2 digit minute
<ss> 2 digit second
<fr> leave as it is
<.fc> this is the extension that must be fc

7. After entering the information to the file, save and then copy it to the c:\hotlist folder.

If you need to update the Geofence, you must append to the last file you created and rename it to the current timestamp. The new file will replace the previous file, so you would need to update the file as needed by adding or removing coordinates.

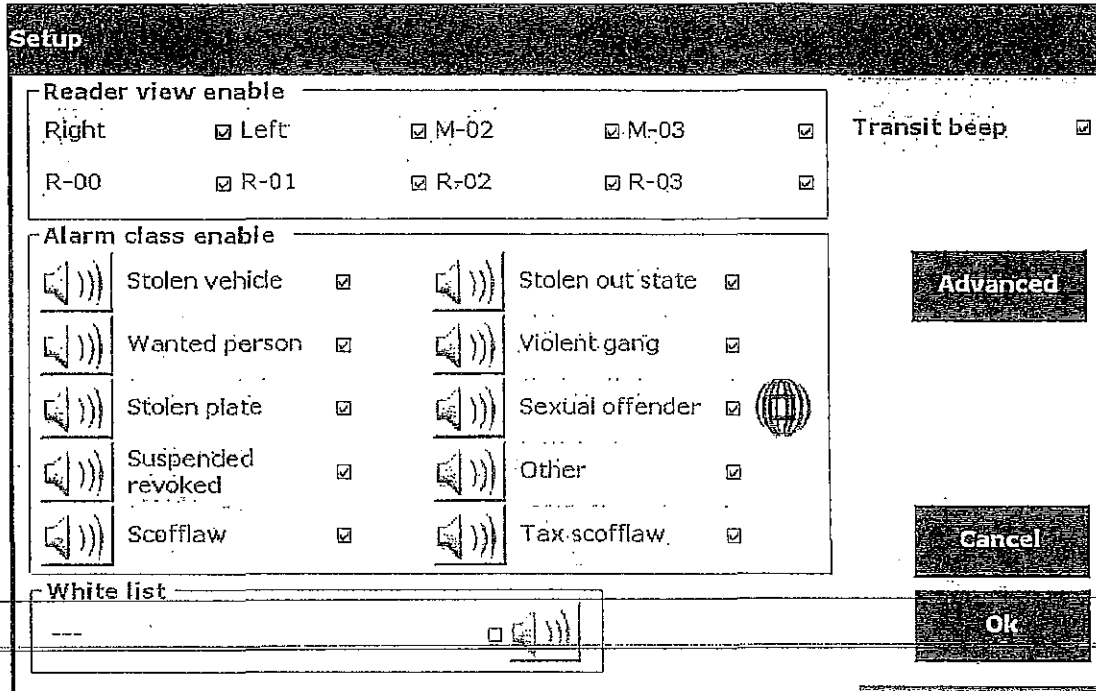


Fig. 5.2 – Geofence alarm class

If the Geofence file has been loaded, the Geofence alarm class is shown in the Setup menu as in Fig. 5.2.



6 Wireless Communication Function

This section describes the connection to the Eltag Operations Center (EOC) via a wireless network. This function is optional and the following pre-requisites are required:

- o A central server must be installed with the EOC software.
- o A TCP/IP wireless network must connect the CarSystem MDT to the central server.

6.1 Short-Range (Wi-Fi)

The Short-Range connection is usually achieved via system such as WiFi IEEE802.11b-g.

The connection to the operations center (EOC) is started automatically when the LPR car is in the Wi-Fi Access Point coverage area.

During this phase the Operations Center establishes a connection with the system to carry out the following operations:

Task	Direction
Hot List replace/update	Center → Car
Fence list replace	Center → Car
Locally Stored reads upload	Car → Center
Locally Stored alarms upload	Car → Center

Table 6.1 – Short Range tasks

6.1.1 Hot List and Data Transfer

The user is informed of the operations status by the messages presented on the Data Transfer dialog box.

At the beginning of operations the dialog box in Fig. 6.1-a pops up. The traffic light is red, which means that the user has to wait until the end of the operations without moving the patrol car outside the Access Point range.

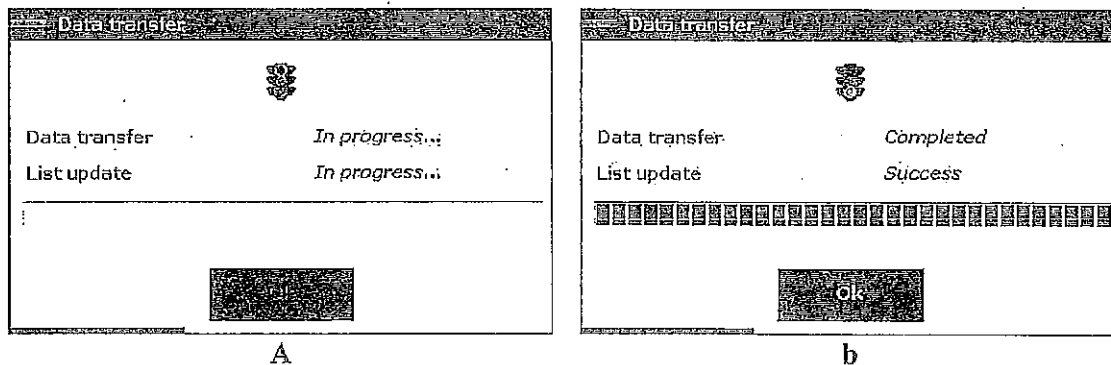


Fig. 6.1 – Data transfer status



When data transferring and hot list / fence list updating operations are successfully completed, the dialog box in Fig. 6.1-b is displayed. The traffic light is green and the OK button is enabled. The user must close the dialog box by clicking on the OK button to terminate the procedure.

During data transferring, the communication between the patrol car and operations center might be broken up. In this case, if the Hot List update file has been transferred and processed correctly by the system, Fig. 6.2-a is displayed, otherwise, Fig. 6.2-b is displayed. In both situations the user must close the dialog box by clicking on the OK button.

To start the connection over, the user can drive away from the Access Point range and then back inside. Otherwise the user can close and open the Wi-Fi link (for example, Disable and Enable the Wi-Fi network connection).

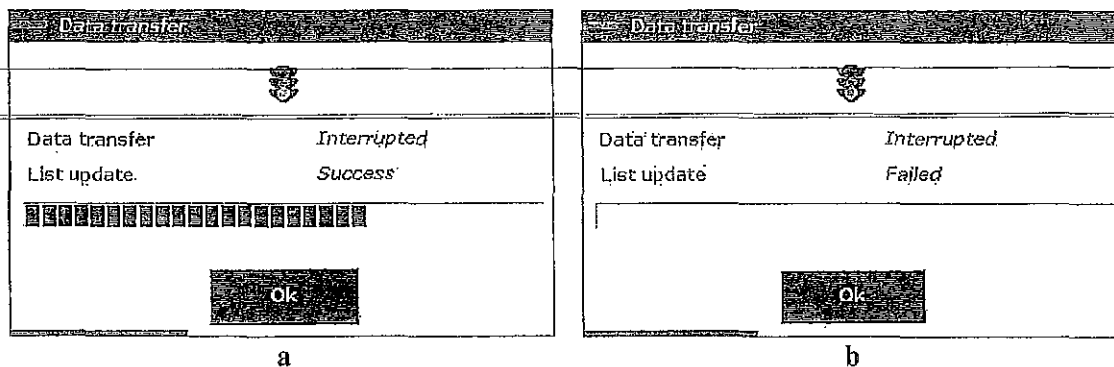


Fig. 6.2 – Data transfer interrupted

The Hot list update process might fail even if the data transfer process was correctly completed (e.g. bad format file). In this case, the dialog box in Fig. 6.3 is displayed. The user must close the dialog box by clicking on the OK button and can start patrolling. It is recommended to signal this event to the system administrator.

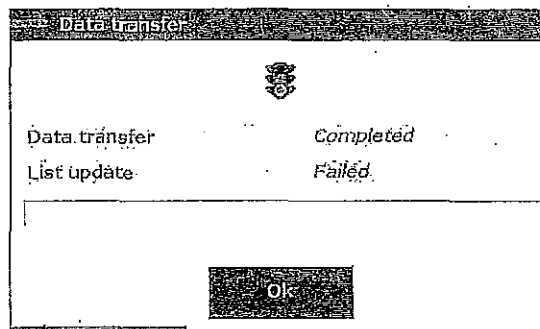


Fig. 6.3 – Data transfer completed



6.2 Long-Range (Aircards)

The Long-Range connection is usually achieved via systems such as high bandwidth Cellular modems (EV-DO).

The Operations Center establishes a connection with the CarSystem to carry out the following operations:

Task	Direction
Hot list replace/update	Center→Car
Fence list replace	Center→Car
Single plate in Hot list	Center→Car
Single alarm upload (during the patrolling)	Car→Center
Locally Stored reads upload	Car→Center
Locally Stored alarms upload	Car→Center
Messages send/receive (if enabled)	Car↔Center
GPS coordinates (future function)	Car→Center

Table 6.2 – Long Range tasks

6.2.1 Hot List Update and Data Transfer

When the Operation Center performs a Hot list updating the user is informed by the string "In progress" in the date field (Fig. 6.4).

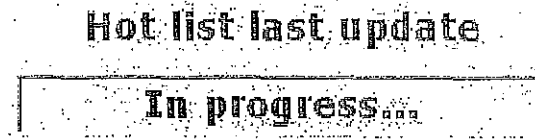


Fig. 6.4 – Long Range updating

The user can control the result of the operation by clicking on the date.

6.3 Short+Long-Range

The Short and Long Range connections can coexist in the same CarSystem. When both channels are active at the same time, the tasks are assigned as described in Table 6.3.



Task	Direction	Connection
Hot list replace/update	Center→Car	Short range
Fence list replace	Center→Car	Short range
Single plate in Hot list	Center→Car	Long range
Single alarm upload (during the patrolling)	Car→Center	Long range
Locally Stored reads upload	Car→Center	Short range
Locally Stored alarms upload	Car→Center	Short range
Messages send/receive (optional)	Car↔Center	Long range
GPS coordinates (future)	Car→Center	Long range

Table 6.3 – Short/Long Range tasks

The Short range tasks take place only within the Wi-Fi range. When the Wi-Fi connection is not available the Long Range mode takes over all the communications, including Read uploads.

The double channel means that the Central Server must be accessible through two separate TCP/IP networks (different IP addresses).

7 AMC Account Management Control

The AMC (Account Management Control) plug-in has been developed in order to manage users' accounts and their profiles in the Car System.

In order to access the AMC application, the user has to press the relative application button in the main window Menu (Fig. 7-1).

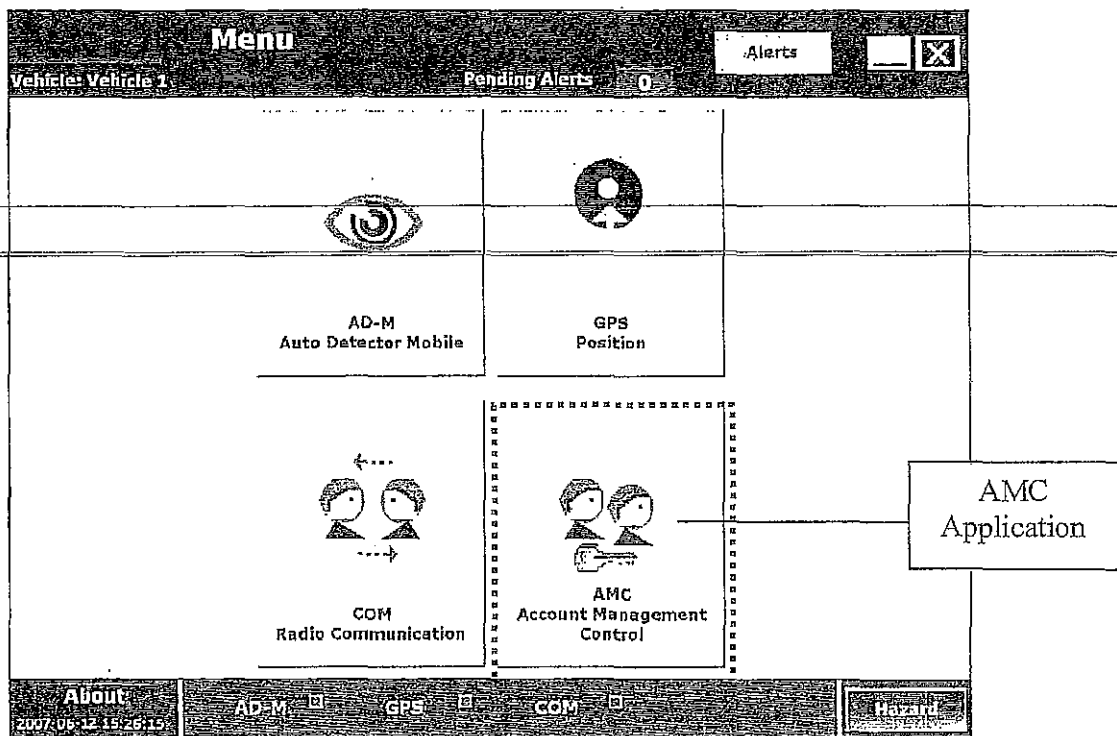


Fig. 7-1 – Main Menu



Once the application has started, the Graphic User Interface shows the following window:

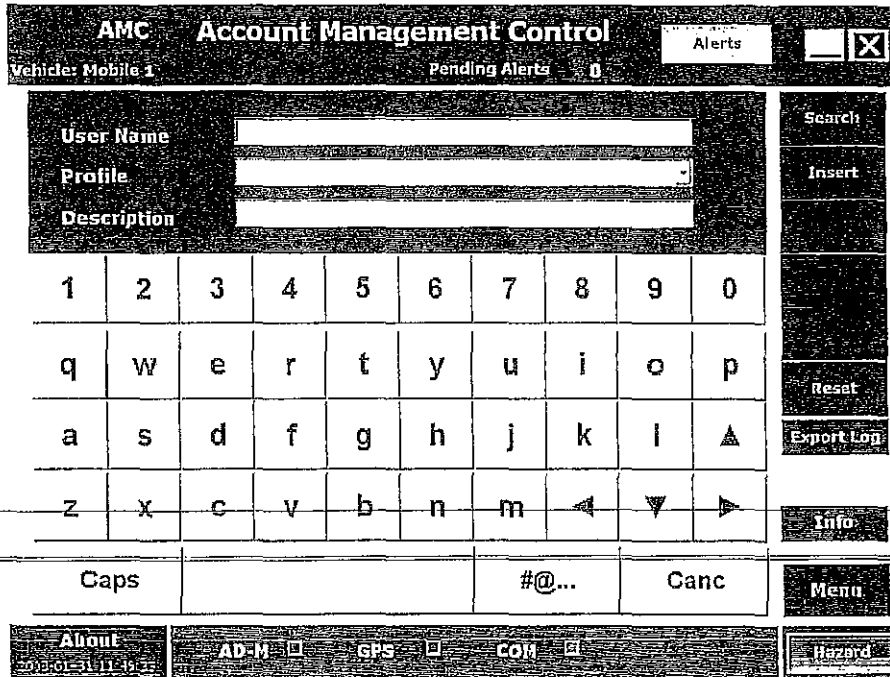


Fig. 7-2 – AMC Main window

The application allows the user to manage Car System users' accounts and their passwords.

The available profiles for a new user are:

- *Administrator*: role for system administrator with unrestricted privileges
- *Limited_Admin*: role for system administrator with restricted privileges
- *Operator*: role for expert users
- *User*: role for standard users
- *Limited*: role for users with restricted

See section 8 for a description of the privileges for each profile.

In addition an *Installer* service profile, with known password, also exists.

This profile is only used at the very first access to the application after setup, and allows the operator to add a new *Administrator* user. The *Installer* user is deleted immediately after that.



As shown above, once the user enters the plug-in, the following commands are available, depending on the role:

- *Search;*
- *Insert;*
- *Modify;*
- *Modify Password;*
- *Delete;*
- *Reset;*
- *Export Log;*
- *Info;*
- *Menu.*

In order to be used on a touch screen monitor every window in the plug-in has an embedded keyboard component that allows the user to edit the required fields.

Search

The **Search** function allows the current user to look up any user in the database in order to check the consistency of his data and perform updates, using the username field as a search key.

If the user doesn't exist, the following message box will appear:

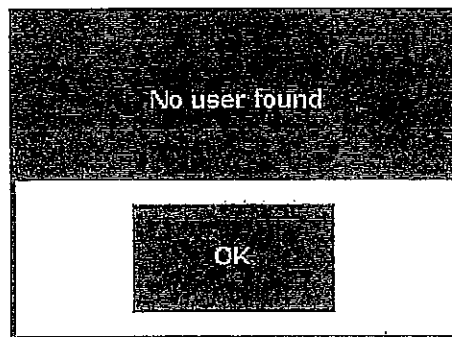


Fig. 7-3 – No User

If the user data is found, every field in the window will be populated with the data retrieved from the database, and the current user can perform administrative tasks on them, as explained in the next paragraphs.



Insert

This function is accessible only to a user with an administrative profile and allows the insertion of a new user account into the database.

Fig. 7-4 – New User Insertion Fields

Username and profiles are mandatory fields, therefore when one of them is missing, a message box (Fig. 7-5) warns the user.

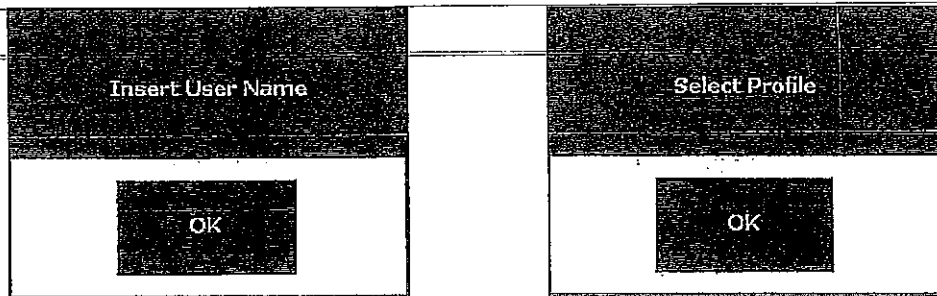


Fig. 7-5 – Fields missing message boxes

A User Name must be a string anywhere between 6 and 20 characters; the username cannot contain the chars " \ / [] : ; , | = + * ? < > .

The profile can be chosen among one of those available on the profile combo box.

Fig. 7-6 – Profile Selection



After the mandatory data is inserted, the user is required to insert the password in the following window.

A screenshot of a software window titled "Password Setting". It has a dark background. On the left side, there are two labels: "Password" and "Confirm Password". To the right of each label is a white rectangular input field for text entry.

Fig. 7-7 – Password Setting

By pressing the button “Cancel” the user returns to the previous window and no user is inserted.

The password may contain any character and must be a string anywhere between 8 and 20 characters. If less than required characters are inserted, the message box in Fig. 7-8 will be displayed.

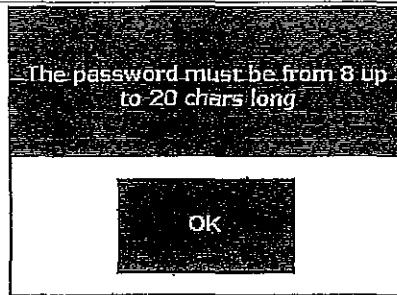


Fig. 7-8 – Password too short

The user can also create an account with an empty password. In this case, by pressing the “OK” button the following message box will appear:

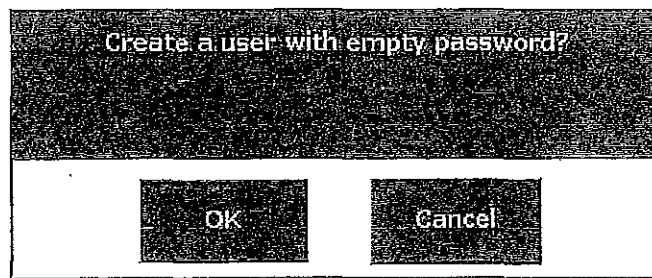


Fig. 7-9 – Empty Password confirmation



After the successful creation of the new account, the following notification message box will show up:

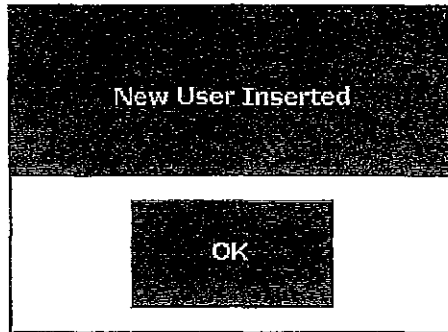


Fig. 7-10 – New User Inserted

The created accounts have different password expiry policies depending on its password:

- Users with empty password never expire;
- Users with non empty password expire 90 days after the date of creation.

Once a user expires he will be warned at the next logon to the system and redirected to the AMC main page where he is asked to modify the password in order to renew his credentials, otherwise any other system functionality won't be accessible.

Modify

This function is accessible by users of any profile and allows the user to modify any existing user accounts.

The administrator profile can modify the description and the profile of any other user in the database, but cannot modify its own profile.

The operator and user profiles may only modify their own description field.

By pressing the “**Modify**” button, a message box window appears asking the user whether he is sure to proceed or not:

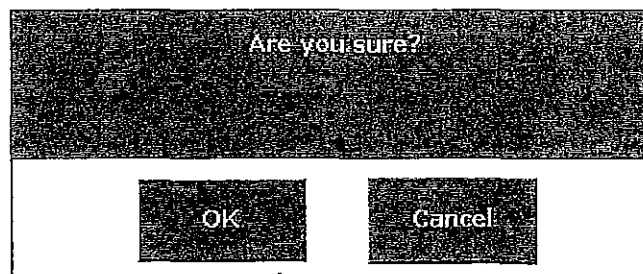


Fig. 7-11 – Modify confirmation

By pressing the “**Ok**” button, the updates will take place on the user database.



Modify password

This function is accessible by users of any profile and allows the user to modify the password.

The administrator profile user can modify the password of any other user in the database, while operator and user profiles may only modify their own passwords.

By pressing the “Modify Password” button the following window appears:

Old password										OK
Password										
Confirm Password										Cancel
1	2	3	4	5	6	7	8	9	0	
q	w	e	r	t	y	u	i	o	p	
a	s	d	f	g	h	j	k	l	▲	
z	x	c	v	b	n	m	◀	▼	▶	
Caps						#@...		Canc		

Fig. 7-12 – Modify Password panel

The user is required to edit the old password as well as the new one and confirm it. The password must be between 6 and 20 characters, and may contain any character.

The system checks the correctness of the old password warning the user in case of wrong editing:

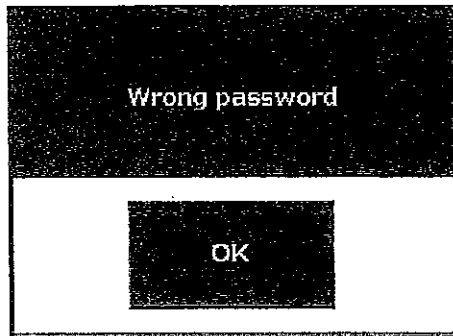


Fig. 7-13 – Wrong Old Password

In case the new passwords inserted don't match, the user is warned with the following message-box:

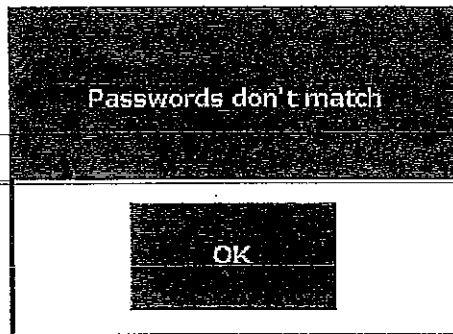


Fig. 7-14 – New Passwords mismatch

Once all data is correct, the update of the password takes place on the users' database.

Note: a user's non empty password cannot be replaced with an empty password.

By pressing the button "Cancel" the user returns to the previous window.

Delete

This function is accessible only by a user with administrative profile and allows the deletion of a user account.

By pressing the "Delete" button, a message box window will appear asking the user whether they are sure to proceed:

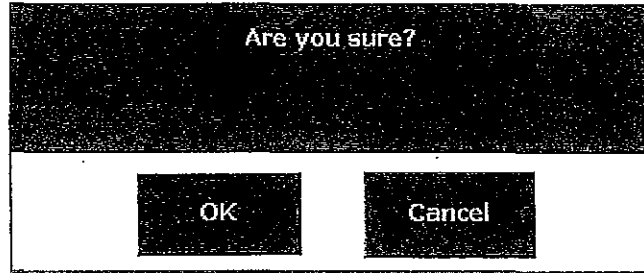


Fig. 7-15 – Delete Confirm dialog box

By pressing the "Ok" button, the deletion will have effect on the user database, showing the following message box:

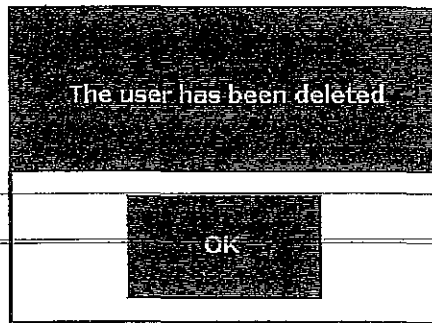


Fig. 7-16 – User Deleted

Reset

This function simply clears the form, prompting current user for a new database search.

Export Log

Pressing the button "Export Log" a dialog box is opened (Fig. 7-17).

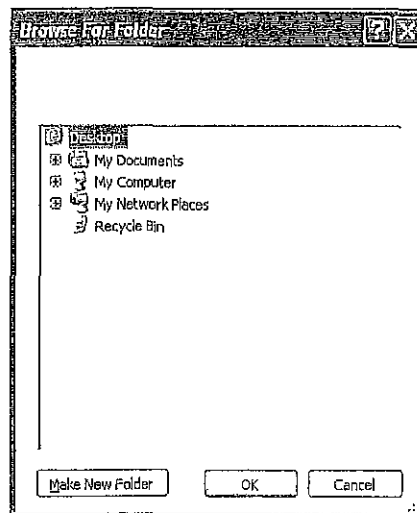


Fig. 7-17 – Export dialog box



Select the folder in which to save the exported file named
"Car_<CarId>_User_Log_<date> <time>.txt".

Where:

<CarId> Car Identifier, which is a 5-character numeric string from 00001 to 99999.

<date> date of the export operation in YYYYMMDD format

<time> time of the export operation in hhmmss format.

(Ex: Car_00001_User_Log_20080131134522.txt)

Note: when USB is specified in the configuration file, the dialog box above is not shown and the exported file is sent directly to USB drive. If the USB drive is not present the message box, Fig. 7.18 is displayed; click "OK", connect an USB drive and try again.

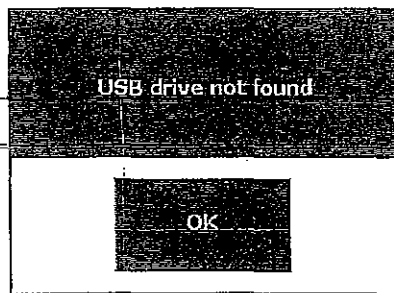


Fig. 7.18 – USB drive not found



If the export succeeded, the message box in Fig. 7-19-a is shown, otherwise a failure message is displayed (Fig. 7-19-b).

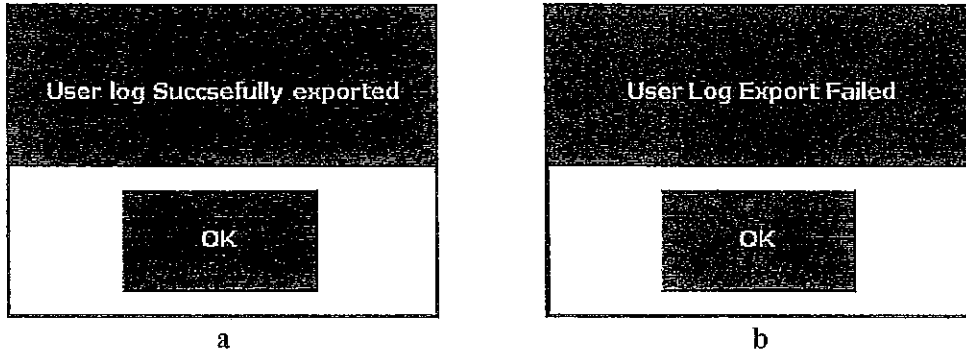


Fig. 7-19 – Export result

Info

The **Info** button on the AMC application shows a message box with the information about the release version of the software (Fig. 7-20).

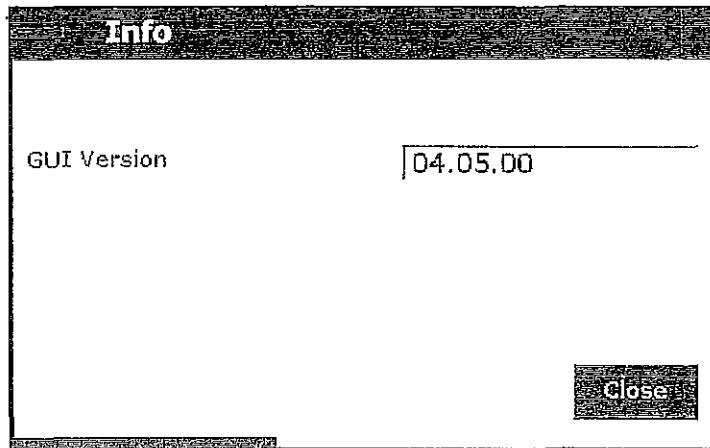


Fig. 7-20 – Info Window

The information shown in this Message Box is:

- **GUI Version:** Graphic User Interface Version;

Menu

The **Menu** button closes the application taking the user back to the car system Main window.



8 Profile permissions

The Table 8.1 shows the permitted functions for each profile, relative to the User Management function.

Function	Profile				
	Administrator	Operator	User	Limited	Limited Admin
User search	✓	⊗	⊗	⊗	✓
User insert	✓	⊗	⊗	⊗	✓ ②
User modify	✓	✓ ①	✓ ①	✓ ①	✓ ②
Password modify	✓	✓ ①	✓ ①	✓ ①	✓ ②
User deletion	✓	⊗	⊗	⊗	✓ ②
Users' activity log export	✓	✓	⊗	⊗	✓

Table 8.1 – Profile permissions

✓ = Permitted ⊗ = Denied

① For own user only

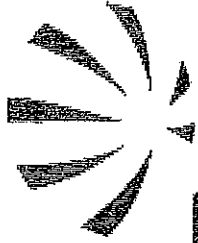
② For user with 'Limited' profile only

Table 8.2 shows permissions for LPR related functions.



Function	Profile				
	Administrator	Operator	User	Limited	Limited Admin
Transits and alarms displaying	✓	✓	✓	✓	✓
Alarms management	✓	✓	✓	✓	✓
Start/stop readers	✓	✓	✓	✓	✓
Cameras Live	✓	✓	✓	✓	✓
Enable/disable images displaying	✓	⊗	⊗	⊗	⊗
Enable/disable alarm classes	✓	⊗	⊗	⊗	⊗
Readers configuration	✓	⊗	⊗	⊗	⊗
Query for plates in local hot list	✓	✓	⊗	⊗	⊗
Local hot list plates insertion	✓	✓	⊗	⊗	⊗
Local hot list plates removing	✓	✓	⊗	⊗	⊗
Query for plates in local and external hot list	✓	✓	⊗	⊗	⊗
Local hot list deletion	✓	⊗	⊗	⊗	⊗
Query for alarms in database	✓	✓	✓	✓	✓
Query for rejected alarms in database	✓	✓	✓	⊗	⊗
Query for reads in database	✓	✓	✓	⊗	⊗
Drill down (images and data displaying for latest alarms)	✓	✓	✓	✓	✓
Shift report	✓	✓	✓	⊗	✓
General report	✓	✓	✓	⊗	✓
Query result data Export	✓	✓	⊗	✓	✓
Data Download	✓	✓	⊗	⊗	⊗

Table 8.2 – Profile permissions



ELSAGNorthAmerica

A Finmeccanica Company

Mobile Plate Hunter-900

Operations Center

User's Manual

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Chapter 1 — Preface and General Information

About This User's Manual/Purpose

This user's manual contains information about the ELSAG North America Operations Center System. It covers the various parameters of the application including instructions for daily operation of the system. The intended audiences for this manual include ELSAG North America's customers' general operating personnel, system administrators, authorized ELSAG North America clients and business partners, and Software Product Evaluators. It is particularly intended for personnel who are responsible for day-to-day operation of the system. In addition and as is appropriate, this manual may be used in customer training.

Information in this manual includes the following:

- Available functions
- Step-by-step system operation, and
- System messages.



IMPORTANT: The information that pertains to basic level users is contained in the Query/Statistics Chapter that begins on Page 36.

Disclaimer



IMPORTANT: This manual contains information about the Operations Center System manufactured by ELSAG North America. The manner and scope of the material presented is reasonable and customary for this type of application. No representations or warranties are made as to the accuracy or completeness of the information contained herein.

Revision Information

If it becomes necessary to revise this manual, ELSAG North America will give the reasons for the revision in this section.

Table A — Manual Revision Information (English Version)

Revision	Description	Revised Date	Revised By	Approved By
0.0	Original internal document release.	5/17/2005	TC	TC, SM
1.0	Numerous technical changes. First official document release.	10/10/2008	CG, TC	TC, SM
2.0	Extensive document formatting, graphics, and text revisions.	10/01/2009	CW	NM, SM

Software, Database and Manual Versions and Revisions

Software and Database Versions

The user can establish their current software version from the Web site's Main "Login" screen by clicking on "Help." The information supplied includes the current versions of the following:

- OCRS (Operation Center for Reading Systems)
- OCW (Operation Center Web Application), and
- OCD (Operation Center Database).

From the "Help" screen, a copy of the latest User Manual is also available by clicking on the "User Manual" link. After clicking on the link, a Portable Document Format (PDF) version of the manual appears. The user has the options of either printing the manual or saving the file for later use. To escape from this screen the user must once again click "Home" button to return to the Main Menu or "Home" Screen OR click "Logout" to return to the "Login" screen.

Manual Versions

Referring to Figure 1 that follows, the front cover page of the *ELSAG North America Operations Center User's Manual* is clearly marked with its publication number as well as information about its version number and approximate date of publication. The inside cover page also includes this information as does every page in the manual.

When troubleshooting a problem that may occur, ELSAG Customer Service and Support Personnel may ask for this information in order to ensure that the user is referencing a suitable version of the manual.

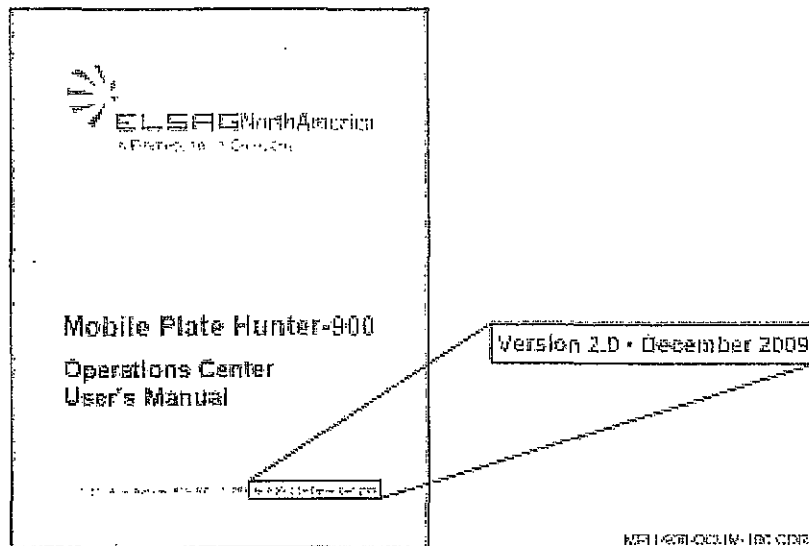


Figure 1 — Manual Version Information

Software and Manual Versions and Revisions

It is important to note that there is no direct correlation between the versions of both software and the user's manual. For example, at the time of this writing, the latest version of the *ELSAG MPH-900 Operations Center User's Manual* was Version 2.0 and the software version may have been 2.3. In addition, the various input parameters were OCS Version 2.15.2, OCW Version 2.10.5, and OCD Version 2.15.2. ELSAG Customer Service and Support Personnel have the necessary information needed to establish whether your version of the user's manual is appropriate for the software version you are using.

Change Management

In the future ELSAG North America may offer future enhancements and changes to the system by releasing new software versions. If this occurs, existing users will be offered the opportunity to update their software.

Graphic User Interface (GUI)

The Graphical User Interface (GUI, pronounced gooey) is a Web-based client/server application: the OP-Center station runs a Web server or Internet Information Services (IIS) for remote connections and a Graphical User Interface through which the operator can access the system.

Referring to Table B, the minimum hardware and software configuration for the client PC to be able to use the GUI is as follows:

Table B — Required Configuration of the OP-Center PC (Minimum)

Item	Description
Processor	Pentium ¹ 4 (Pentium M) 1 GHz
Memory	1 GB
Display Resolution	1024x768
LAN Port	100 MB/s LAN
Operating System	Microsoft ² Windows ³ 2000 (requires a Unzip utility program), Windows XP Professional, Windows 2003 Server
Browser	Internet Explorer ⁴ v. 6.0 or v. 7.0
Web Server	Apache Tomcat ⁵

NOTE: The Web site needs the Java Virtual Machine to execute Java Applet. A link at the bottom of default page of the GUI, allows downloading the installation program if needed.

¹ Pentium™ is a trademark of Intel Corporation.

² Microsoft® is a registered trademark of Microsoft Corporation.

³ Windows® is a registered trademark of Microsoft Corporation.

⁴ Internet Explorer® is a copyrighted product belonging to Microsoft Corporation.

⁵ Apache Tomcat™ is a trademark of the Apache Software Foundation.

The GUI application is hosted on the Web server. We can have more than GUI PC on the network since PCs can use Internet Explorer both to access the application and to monitor, control, and manage the system. These operations are described in detail later in this manual.

Access to system functions is restricted and controlled through the "Roles Management" tool. Different user profiles specify permitted operations for classes of users. They are as follows:

- Maintenance
- System Administration
- User Administration
- Manage Alarms, and
- User.

Although this manual covers all facets of the system as they are available to a System Administrator, individual users without the required permissions may not be able to access certain functions and features. Details on the characteristics of other profiles are given later in this manual.

ELSAG North America Terminology, Acronyms, and Terms

The following terms include acronyms that may appear throughout this and other ELSAG North America publications; however, they are terms with which a beginning user may not be familiar.

Term	Explanation/Definition/Description
ANPR	Automatic Number Plate Reader
DDS	Data Download Station
EHL	External Hot List
HL	Hot List
HLPN	Hot License Plate Number
IIS	Internet Information Services
LAN	Local Area Network
LPR	License Plate Reader
OCD	Operation Center Database
OCRS	Operation Center for Reading Systems
OCW	Operation Center Web Application
ODM	Operations Center Data Manager
OPC	OPerations Center
OP-Center	OPerations Center
OWA	Operations Center Web Application
PC	Personal Computer
PS_DB	Peripheral Station Data Base
THL	Temporary Hot List



Chapter 2 — System Overview

Introduction

The purpose of the ELSAG Operations Center is to manage a fleet of MPH900 mobile LPR units and/or a network of Fixed LPR cameras. The purpose of the Central Server is to upload and archive read and alarm data coming from all the vehicles and fixed cameras. The Operation Center software includes a Web site allowing remote access to the data via a friendly user interface. The ELSAG Operations Center (EOC) is also in charge of the distribution of the wanted plates database or "Hot List" to the LPR units.

System Architecture

Figure 2 shows the general system architecture. The ELSAG Operations Center Server keeps data on a central database and is connected to the wireless MPH900 LPR systems mounted on vehicles, through an Access Point. A secondary Network Interface Card of the server is connected to the existing building LAN allowing multiple access points to the OPC functionality.

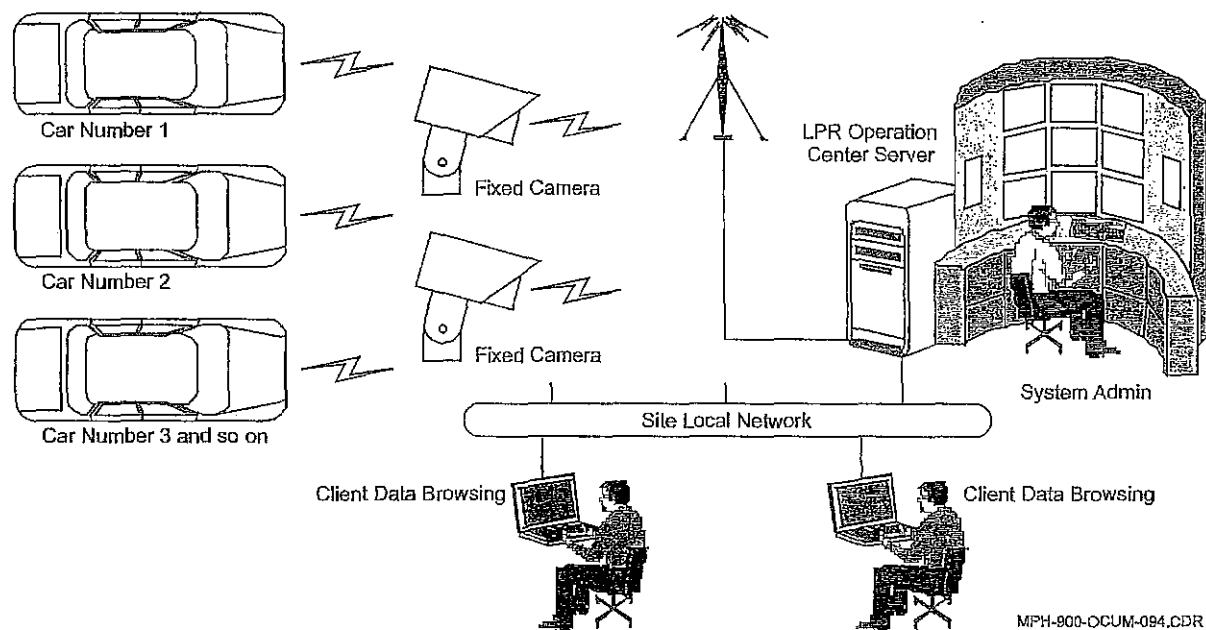


Figure 2 — System Architecture (Shown Using Wi-Fi Connectivity)

An alternative configuration is called Long Range Communication. This refers to cellular connectivity via cellular Air Cards between the Mobile Data Terminal (MDT) and the Server. The EOC also supports the Manual Data Download Mode. That means that read data can be exported manually by means of a USB Flash Drive and imported into the EOC Server.



Chapter 3 — Login Procedure and Main Menu Overview

Introduction

After the ELSAG North America Operations Center System is ready for your computer, your ELSAG EOC Administrator will give you the information needed to login to the system for the first time. When the user is ready to login and the Web site has been accessed, a screen similar to the one shown in Figure 3 will be displayed.

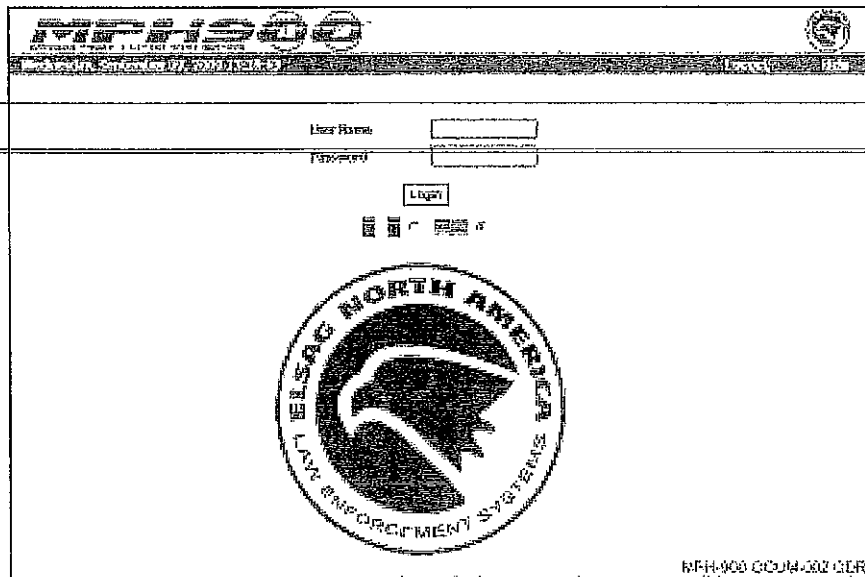


Figure 3 — Login Screen

ELSAG suggests that you make a notation of your EOC URL below and that you add the Web site to your Web browsers "Favorites" menu.

http://

--	--	--	--

 Operational_Center

Cautions Concerning Passwords and Password Expiration

The system requires that each user change their password when first accessing the system and every 30 days thereafter. When a password has been used for 15 days, the system will prompt the user to change their password soon and within the next 15-day period. At the end of the 30-day cycle (15 days plus 15 days), the system will attempt to force the user to change the password.



IMPORTANT: After 15 days of prompts for the user to change their password, the system will allow lock out the user and it will be necessary for your ELSAG EOC Administrator to re-enable the account. Refer to the Password and Login Flow Chart shown in Figure 6.



IMPORTANT: Whenever a user attempts to login only five attempts can be made. After the fifth attempt, the system will lock out the user. If this occurs, it will be necessary for your ELSAG EOC Administrator to re-enable the account for the user. Refer to the Password and Login Flow Chart shown in Figure 6.



IMPORTANT: If the user has not accessed the system until after a 30-day period has expired, such as in the case of the user having been on vacation, the system will lock out the user and it is no longer possible for the user to change the password. If this occurs, it will be necessary for your ELSAG EOC Administrator to re-enable the account for the user. Refer to the Password and Login Flow Chart shown in Figure 6. There is currently no way for the local System Administrator to change the password expiration period.

There are two time intervals affecting the EOC Login procedure and Users Management: If a user does not login for more than X days, his login is automatically disabled, and the password expires after 30 days (default value).

The parameter that controls the password expiration is included in the TOMCAT properties file found in the following path:

```
\\Program Files\\Apache Group\\Tomcat 4.1\\webapps\\  
Operational_Center\\WEB-INF\\classes\\operational_center\\properties
```

This is the location where a change can be made. The value is expressed in minutes. For example 86400 means two months. The default is 43200 or one month.

To modify the time interval after which the Login expires, the user should open the database, select the PARAMETER table and modify the parameter LAST_LOGIN_DURATION_DAYS. The parameter is expressed in Days. The maximum is 365 days and do NOT pass this limit. Then restart the Tomcat service to activate the change.

To enable a Disabled User, login as User Administrator (this is the minimum level of privilege required). Then open the User Config Menu, select Modify User, and check the ENABLE radio button.

Password Expiration

As mentioned, users are required to periodically change their passwords. After the initial 15-day period, the message shown in Figure 4 will display. The user may choose to change the password by entering and then reentering a new password, or the can choose to click "Skip" to delay the password change.

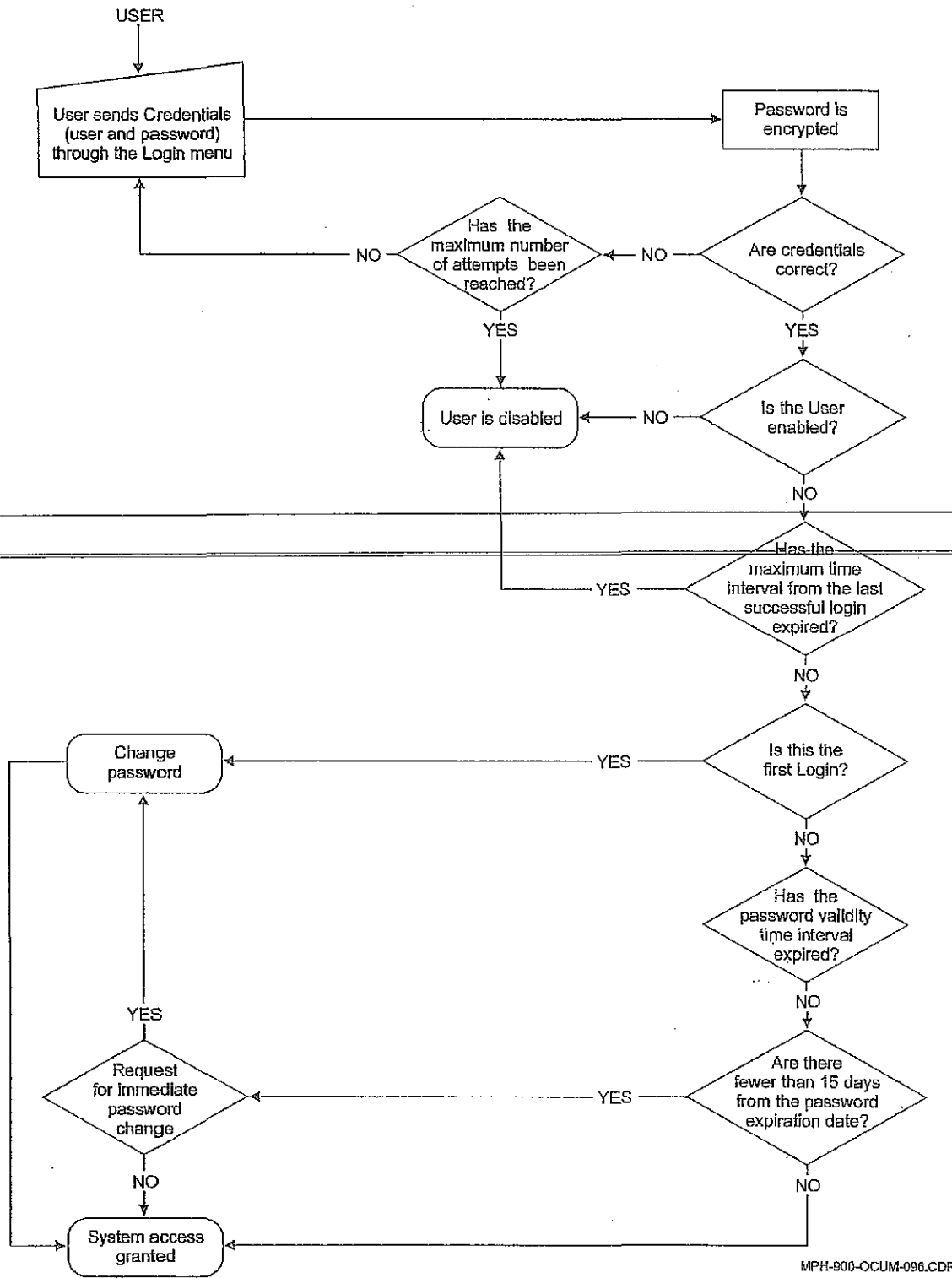
MPH-900-OCUM-C70 CEN

Figure 4 — Password Expiration Notification

In addition to the information above, as shown in Figure 5 a Password Expiration Reminder also begins to appear above the user name on the main screen.

MPH-900-OCUM-C70 CEN

Figure 5 — Password Expiration Reminder



MPH-900-OCUM-096.CDR

Figure 6 — Password and Login Flow Chart

First Time Users/Change Password

Your ELSAG EOC Administrator will supply you with a login name and a temporary password. As shown in Figure 7, ensure that the American flag (English language version) is selected. By default, the American flag (English language version) is normally selected automatically.

Next, enter your user name in the space provided and then enter your temporary password. After the user is successfully logged in, follow the on-screen instructions to change the temporary password. Be sure to click "Save" after the new password has been entered and reentered.

NOTE: Be aware that your Internet browser's Back Arrow button does not work in the Operations Center System. To return to a previous screen the user must first select "Home" from the left column and then once again select the associated function to return to the desired screen.

When the user enters their password, only symbols are displayed. For example, if the operating system were Windows 2000, each character would appear as an asterisk "*" and for Windows XP, each character would appear as a large dot "." (see Figure 7).

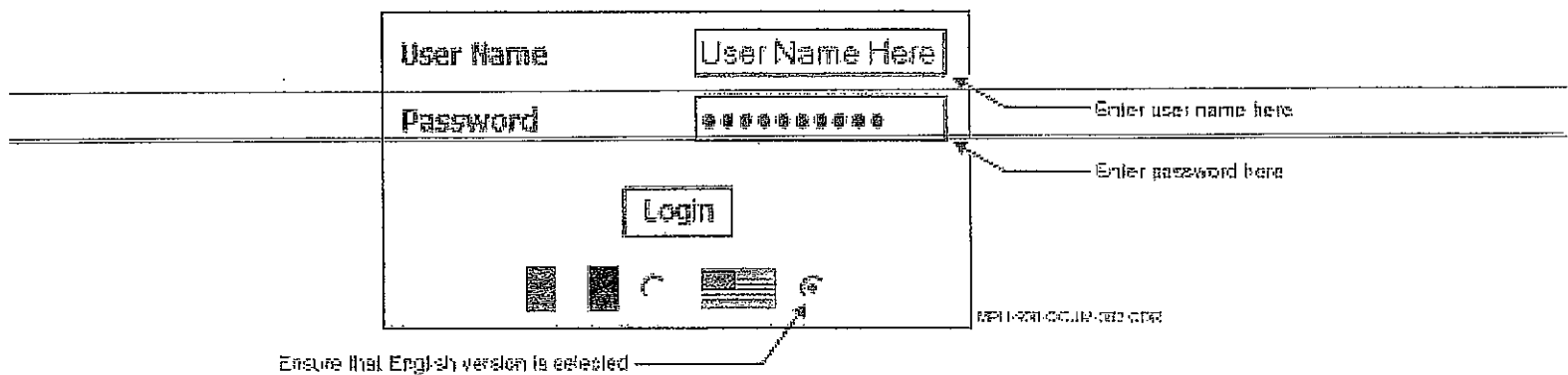


Figure 7 — Login Procedure

Password Parameters and Requirements

Password parameters are as follows:

- Passwords are case-sensitive
- Passwords must include at least eight characters minimum and 40 characters maximum. A new password must be different from the last password.
- The characters in a password may include letters and numbers or only letters or only numbers
- The letters may be either upper or lower case, and
- There is no requirement concerning the need to have at least one upper or one lower case letter in the combination.



IMPORTANT: It is each user's responsibility to safeguard the confidentiality of their user name and password and to take steps to ensure that this important information is not lost, forgotten, or compromised.

When a password has been successfully changed, the system does NOT display a confirmation message. However, as shown in Figure 8, if an error is made when changing the password with different

entries, the message "Password and confirmed password are different" appears. If this occurs, carefully reenter the desired password change and then click "Save."



Figure 8 — Error Message Shown if the Two Password Entries Do Not Match

Login Error

Referring to Figure 9, if an incorrect user name or password is entered during login, the message "Credentials Error!" appears. If this occurs, carefully reenter your user name and password. After five consecutive failed login attempts the Login is disabled. A disabled Login can be re-enabled by the System Administrator.

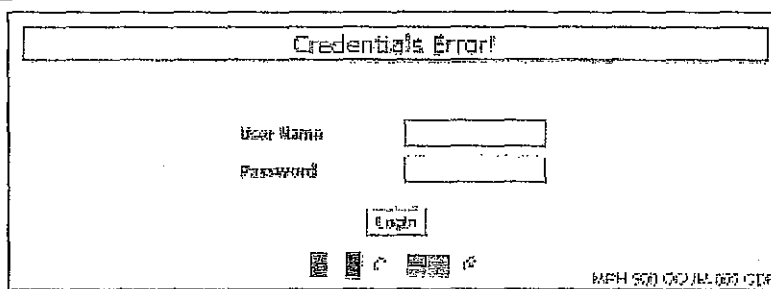


Figure 9 — Login Error Message

Logging in to System

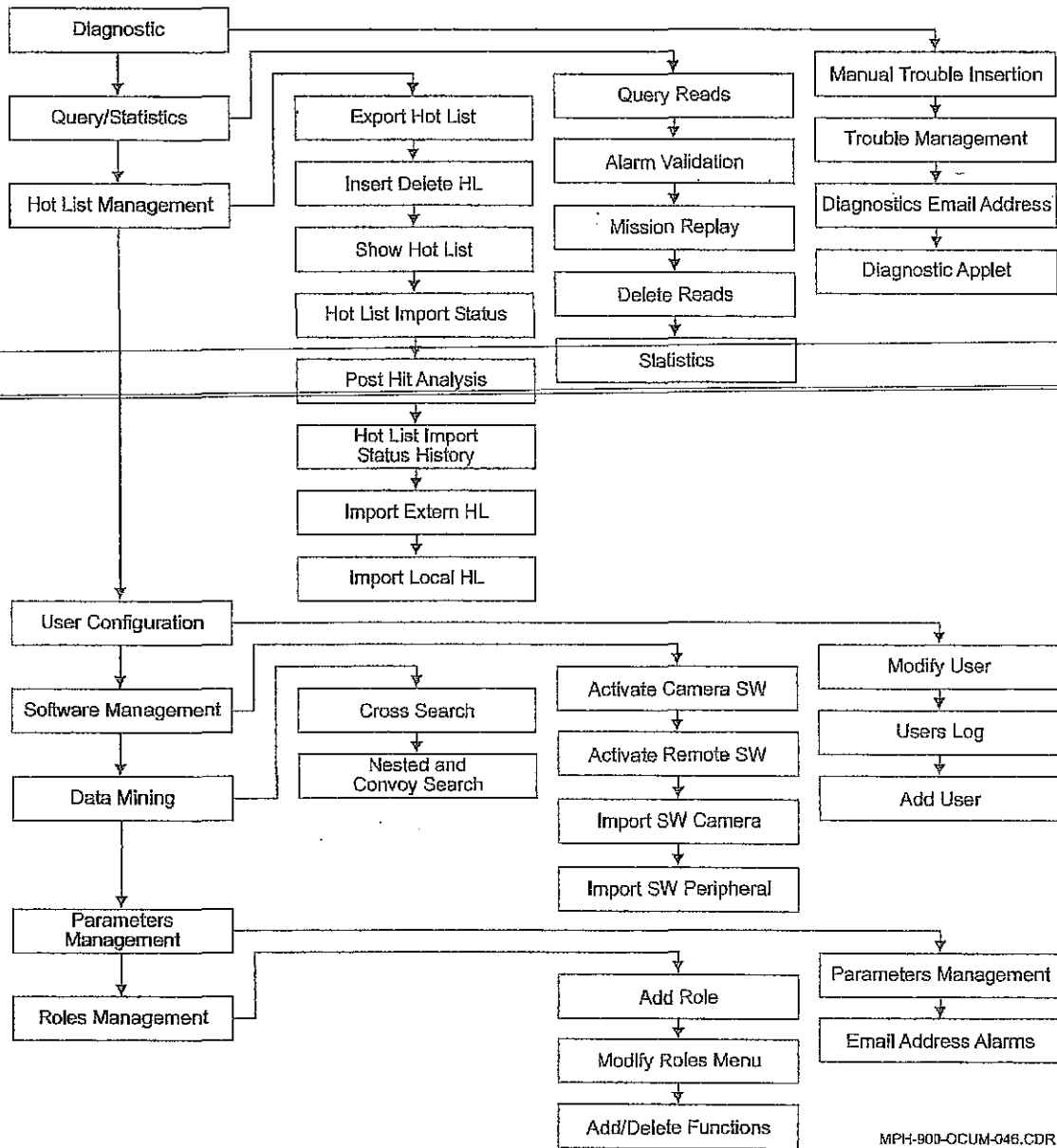
For access to be granted, the application has to be running. This means that the Apache Tomcat or Internet Explorer interface must also be running. The system default settings activate these services.

To log into the system from the Login Screen (see Figure 3 on Page 14), ensure that the American flag (English language version) is selected, and then enter your user name and password before clicking the Login button.

Main Menu or "Home" Screen Overview

From the upper right corner of the screen and circling counterclockwise, the Main Menu screen consists of a Help feature (refer to the *Software and Database Versions* on Page 10), a Logout feature (refer to the *Software and Database Versions* on Page 10 and *Main Menu Permissions by Category* (Table C) on Page 21), an active System Clock that includes the day of the week and current date (in the format MM/DD/YYYY) with a 24-hour or "military time" format.

Next is the Alarms Count window, a Home Link that is used to return to this screen from other screen, a display of the actual name of the logged-in user (rather than an abbreviated login user name), the Change Password function (explained earlier in this chapter and shown in Figure 14), and seven groups of menu options. The menu options are detailed below in Figure 10 and in the chapters that follow. Refer to this manual's Table of Contents to locate particular chapters and sections. The Menu that appears depends on the specific role associated to the Login user. The one shown in Figure 10 includes all possible options and only appears to Maintenance level personnel.



MPH-900-OCUM-046.CDR

Figure 10 — Menu Options Schematic Diagram

Main Menu Permissions

Referring to Table C, the default settings of Main Menu Permissions are shown by general category, specific functions, and user roles. User class roles are Maintenance (Main.), System Admin(istrator) (S.A.), User Admin(istrator) (U.A.), Manage Alarms (M.A.), and User. "YES" indicates that the particular "Role" is permitted to make changes under particular General Categories and Specific Functions.

Table C — Main Menu Permissions by Category

General Category	Specific Function	Main.	S.A.	U.A.	M.A.	User
Diagnostic	Manual Trouble Insertion	YES	YES	—	—	—
	Trouble Management	YES	YES	—	—	—
	Diagnostics Email Address	YES	YES	—	—	—
	Diagnostic Applet	YES	YES	—	—	—
Query/Statistics	Query Reads	YES	YES	—	YES	YES
	Alarm Validation	YES	YES	—	YES	YES
	Mission Replay	YES	YES	—	YES	YES
	Delete Reads	YES	YES	—	YES	YES
	Statistics	YES	YES	—	YES	YES
Hot List Management	Export Hot List	YES	YES	—	YES	—
	Insert Delete HL	YES	YES	—	YES	—
	Show Hot List	YES	YES	—	YES	—
	Hot List Import Status	YES	YES	—	YES	—
	Post Hit Analysis	YES	YES	—	YES	—
	Hot List Import Status History	YES	YES	—	YES	—
	Import Extern HL	YES	YES	—	YES	—
	Import Local HL	YES	YES	—	YES	—
User Configuration	Modify User	YES	YES	YES	—	—
	Users Log	YES	YES	YES	—	—
	Add User	YES	YES	YES	—	—
Software Management	Activate Camera SW	YES	—	—	—	—
	Activate Remote SW	YES	—	—	—	—
	Import SW Camera	YES	—	—	—	—
	Import SW Peripheral	YES	—	—	—	—
Data Mining	Cross Search	—	YES	—	—	—
	Nested and Convoy Search	—	YES	—	—	—
Parameters Management	Parameters Management	—	YES	—	—	—
	Email Address Alarms	—	YES	—	—	—
Roles Management	Add Role	—	YES	—	—	—
	Modify Roles Menu	—	YES	—	—	—
	Add/Delete Functions	—	YES	—	—	—

Logout Feature

Select "Logout" to return to the Login screen. This method is preferred to simply closing the Web browser. Refer to Figure 11.

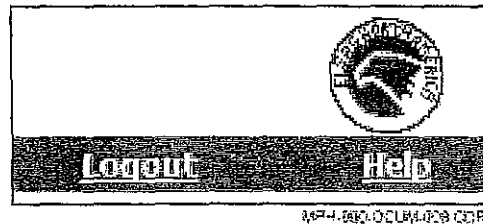


Figure 11 — Logout Feature and Help Button

System Clock

As mentioned, an active System Clock that includes the day of the week and current date (in the format MM/DD/YYYY) with a 24-hour or "military time" format. See Figure 12.



IMPORTANT: The System Clock is the basis for the times of all logged event times. The System Clock is based on the user's computer clock, so extra steps should be taken to ensure that your computer is running on the correct date and time. The System clock is the clock of the Server. The time shown in Figure 11 is the clock of the client that is the computer where the browser is running. This clock may not be aligned to the System clock.

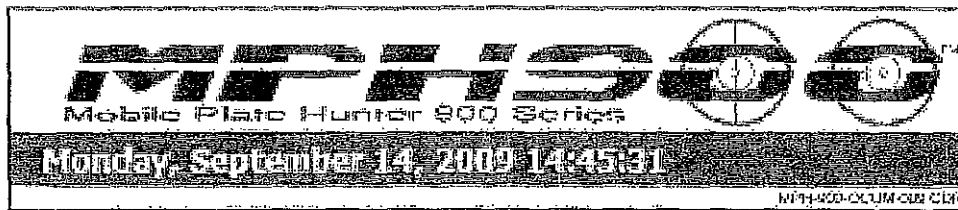


Figure 12 — System Clock

Alarms Count Window

Referring to Figure 13 (the Alarms Count Window), this window displays alarms that have not yet been acted upon by the user. The user must either accept or reject each alarm. To accept or reject the alarms the user should double-click on the icon at which time an audible sound or voice will be heard.

These alarms relate to fixed camera environments and unprocessed vehicle alarms. Referring to Figure 13, also note that the bell and background colors indicate the severity of the alarm class.

A blue background indicates that the alarm came from a fixed camera and a beige background indicates that the alarm came from a mobile camera.

The colors used for the alarm icons are as follows:

- RED: Stolen Vehicle, Stolen Out (of) State, Violent Gang (Member), Sexual Offender, Tax Scofflaw, or Other
- YELLOW: Wanted Person
- GREEN: Stolen Plate
- BLUE: Suspended or Revoked License Plates, and
- GRAY: Scofflaw.

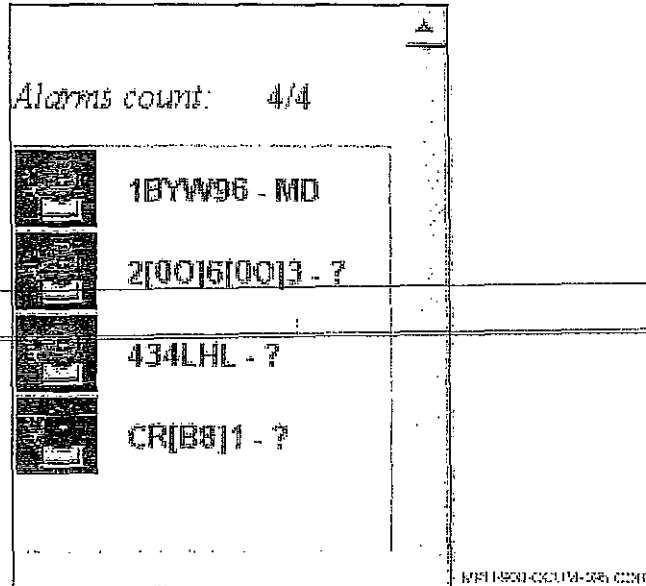


Figure 13 — Alarms Count Window

Home Link, User Name Display, and Change Password

Referring to Figure 14, the next control is the Home Link that is used to return to the Main Menu or "Home" Screen from other screens. Below that is a display of the actual user name of the logged-in user (rather than an abbreviated login user name). In addition, below that is the Change Password link, which is used to initiate password changes.

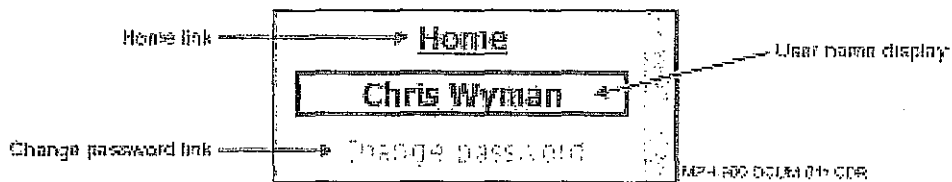


Figure 14 — Home Link and User Name Display

Main Menu or "Home" Screen Reports

Referring to Figure 15, after the user successfully logs in to the system, the Main Menu or "Home" screen appears. This screen contains system information including car Download Status, Import Status, and Statistics including total alarms, accepted alarms, and rejected alarms.

NOTE: Dates included in the summaries are given as year, followed by month and date (i.e., YYYY/MM/DD). Times are given in 24-hour or "military time" format (e.g., 19:22:32 is the equivalent of 7:22:32 p.m.).

Explanations of the various fields in the Download Status, Import Status, and Statistics tables are given in the sections that follow, specifically in Table D, Table E, and Table F.

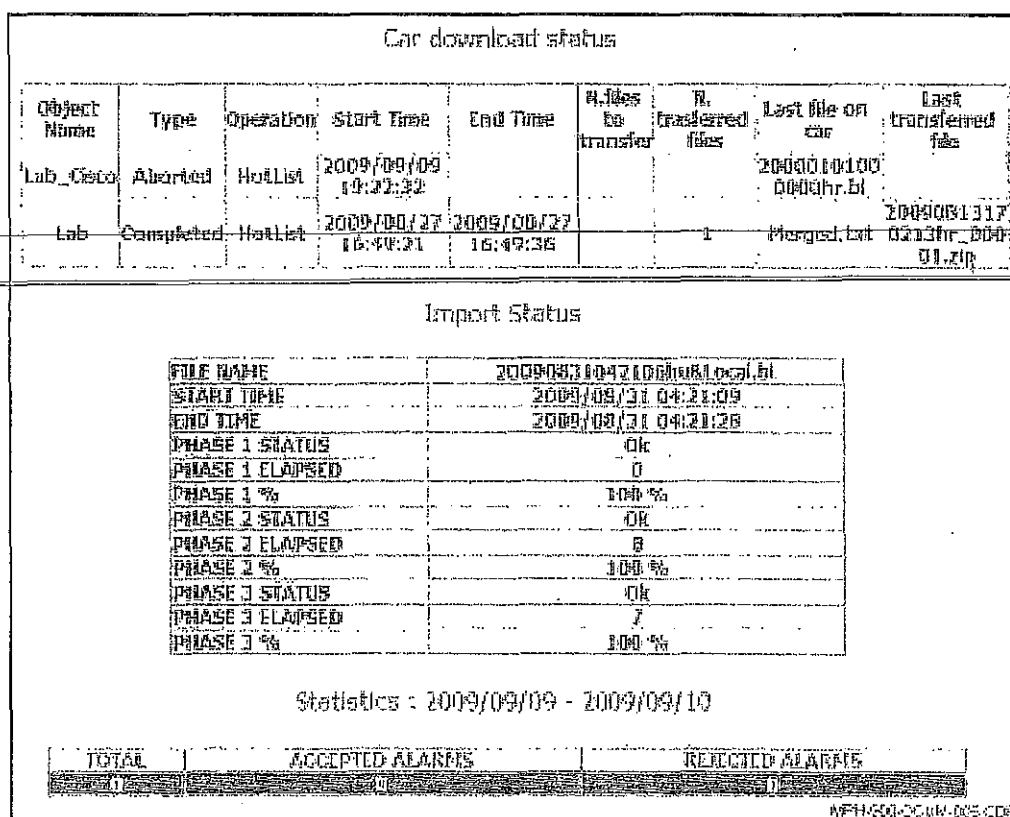


Figure 15 — Main Menu or "Home" Screen

Car Download Status Report

The various fields in the Car Download Status report are explained below in Table D.

Table D — Car Download Status Report

Column Heading	Description
Object Name	This is the vehicle name or a description of a specific car.
Type	This gives the status a car download. The choices are Aborted, In Progress and Completed.
Operation	The possible listings are Hot List, Reads, or Img (Image).
Start Time	Start time is the time a particular actual upload was started.
End Time	End time is the time a particular actual upload was ended.
Number of Files to Transfer	This is the number of files ready to transfer up to the server OR down from the server. This is usually the actual number of files that need to be uploaded.
Number Transferred Files	This is the total number of files that have already been uploaded.
Last File on Car*	When loaded from a Hot List, this is the last file that was successfully transferred to the vehicle.*
Last Transferred File*	This is the last zipped image file that was transferred from the vehicle.*

* **NOTE:** The difference between the number to transfer and the number transferred represents the transfer backlog and is the most important indicator to the local System Administrator of the network stability and bandwidth between the vehicle and the EOC. In the best case, these numbers will be consistently equal. In cases where the network is not supporting the vehicles, the backlog will grow.

Import Status Report

The various fields in the Import Status report are explained below in Table E. In the table, if any phase fails, the result will be an error message and associated report. Import Status refers to the last External Hot List. Concerning the three phases, Phase 1 is the input file parsing and syntax check, Phase 2 is the actual data import into the database, and Phase 3 is the generation of output files to be distributed to the other system modules.

Table E — Import Status Report

Field Name	Description
File Name	This is the name of the last Hot List file imported to the server.
Start Time	This is the date and time when importation of the Hot List file was started.
End Time	This is the date and time when importation of the Hot List file was ended.
Phase 1 Status	OK is a confirmation of a successful importation of Phase 1. Otherwise, an error message would be present.
Phase 1 Elapsed	This is the time it took to finish the importation of Phase 1.
Phase 1 %	100% is a confirmation of a completely successful importation of Phase 1. If it were not 100% completed an error message would populate this field.
Phase 2 Status	OK is a confirmation of a successful importation of Phase 2. Otherwise, an error message would be present.
Phase 2 Elapsed	This is the time it took to finish the importation of Phase 2.
Phase 2 %	100% is a confirmation of a completely successful importation of Phase 2. If it were not 100% completed an error message would populate this field.
Phase 3 Status	OK is a confirmation of a successful importation of Phase 3. Otherwise, an error message would be present.
Phase 3 Elapsed	This is the time it took to finish the importation of Phase 3.
Phase 3 %	100% is a confirmation of a completely successful importation of Phase 3. If it were not 100% completed an error message would populate this field.

Statistics Report

The three fields in the Statistics report are explained below in Table F. Note that the period of time covered by the report is as indicated in the text above the table. Referring to Figure 15 on Page 24, the period is for one day. Accepted alarms and rejected alarms should be deleted from the Statistics Report.

Table F — Statistics Report

Column Heading	Description
Total	This is the total number of alarms combined.
Accepted Alarms	This is the total number of accepted reads and alarms.
Rejected Alarms	This is the total number of rejected reads and alarms.

Session Time Out

Referring to Figure 16, after a user has been logged in to the system for an extended period, the system forces the user to re-log in, without interacting with the system, by displaying the message "Session Time Out, Please Log Out!" and once again displaying the Login screen. The user must then re-enter their User Name and Password to once again enter the system. This is a safety feature to protect systems that have been left unattended for extended periods.

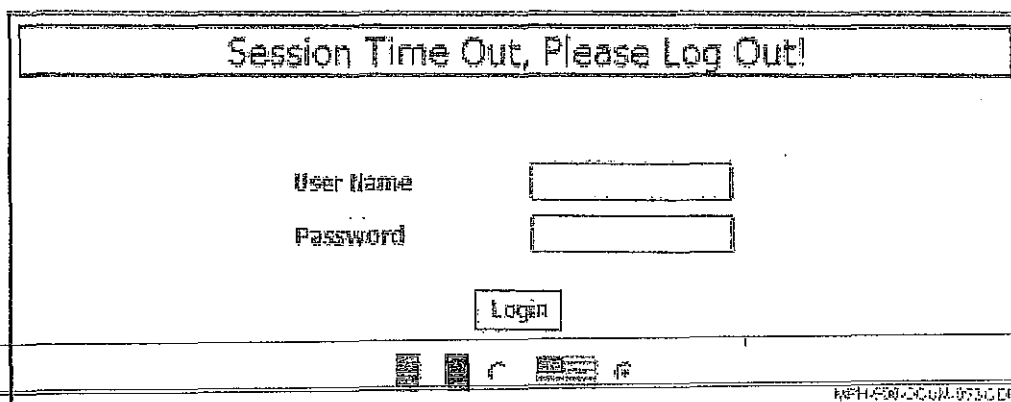


Figure 16 — Session Time Out Message



Chapter 4 — Diagnostic Features

Introduction

The available Diagnostic Features explained in this chapter are as follows:

- Manual Trouble Insertion
- Trouble Management
- Diagnostics Email Address, and
- Diagnostic Applet.

Manual Trouble Insertion

Through the default settings, this feature may be used by Maintenance and the System Administrator and is not a feature that typical users can access. Figure 17 shows the Manual Trouble Insertion screen.

When the screen is first accessed, the Device window displays the first in a series of alphabetically listed devices, which are installed in the system. The default value for the Severity window is "Low" followed by "Medium" and "High."

A Manual Trouble Insertion is any system problem that is relevant to the maintenance of the car system and EOC. It could refer to any system object such as a Fixed Camera, a Fixed Camera Field Control Unit, or an LPR mobile unit. It is an internal ticketing system to support the maintenance process.

The screen also includes a window where descriptive text is entered. If email is properly set up on the server and the server is properly configured, you can send the system administrator an email about the problem. If the message has been successfully sent, the next screen will include a confirmation message and reset the previous window for more additional Manual Trouble insertions.

Manual Trouble Insertion

MPH-900-OCUM 013 CDR

Figure 17 — Manual Trouble Insertion Screen

Trouble Management (Query Troubles)

Through the default settings, this feature may be used by Maintenance and the System Administrator. Referring to Figure 18, when the user selects Trouble Management the Query Troubles screen appears. Both the Time Interval Onset Alarm and Time Interval End Alarm sections of the screen are populated with the current date. This feature is used to query both manually inserted troubles and automatically generated diagnostic alarms.

If "Disable onset time interval" is selected, the total reports that were ever sent through will be displayed (including systematic problems).

NOTE: By definition, a systematic problem is an internal problem associated with the EOC.

If "Disable end time interval" is selected, the total reports that were ever sent through will be displayed (including systematic problems).

In the Trouble Status field, the following are included:

- Open: Open trouble statuses
- Closed: Previously closed statuses, and
- Acknowledged: Opened and acknowledged, but not worked on.

Query Troubles

The screenshot shows a web-based interface for querying troubles. It is divided into two main sections: 'TIME INTERVAL ONSET ALARM' and 'TIME INTERVAL END ALARM'. Each section contains dropdown menus for Day, Month, and Year, and a checkbox to 'Disable onset time interval' (checked) or 'Disable end time interval' (unchecked). Below these are fields for 'Trouble Status' (set to 'Open'), 'Device', 'Ack User', and 'Alarm Type'. A 'Find' button is located at the bottom center. The reference code 'MPH-900-OCUM-INTS-0018' is visible in the bottom right corner of the interface.

Figure 18 — Query Troubles Screen

After the user clicks "Find" a Trouble Management Report similar to the one shown in Figure 19 will be displayed. If the user selects "Export" a report similar to the one shown in Figure 20 will generate, otherwise the user may select "Back" to return to the previous screen to begin again.

10	Camera unreachable,	08/05/2009 15:51:16	Lane 12 1213	HIGH	ACKNOWLEDGED Closed
9	Camera unreachable,	20/03/2009 10:34:37	Lane 11 1113	HIGH	ACKNOWLEDGED Closed
8	Peripheral permanently unreachable,	19/03/2009 17:48:27	Area 311	HIGH	ACKNOWLEDGED Closed
7	Camera unreachable,	18/03/2009 16:03:03	Lane 10 1013	HIGH	ACKNOWLEDGED Closed
5	test	03/02/2009 09:27:55	Lab_Cisco 9850	MEDIUM	ACKNOWLEDGED Closed
4	Peripheral permanently unreachable,	27/01/2009 10:04:25	Lab_laptop 211	HIGH	ACKNOWLEDGED Closed
3	Camera unreachable,	23/12/2008 15:27:06	ADB_Right 13	HIGH	ACKNOWLEDGED Closed

MPH-900-OCUM-001-008

Figure 19 — Trouble Management Report

A	B	C	D	E
ALARMID	DESCRIPTION	OPEN DATE	SITE	Severity
2	16 Check camera mounting on car #635	23/09/2009 13:49:46	Garage 149	MEDIUM
3	15 Camera lens is foggy and cannot focus.	18/09/2009 15:43:38	Lab_Cisco 9850	HIGH
4	14 test	18/09/2009 15:45:58	ADB_3 213	LOW
5	13 Camera is foggy and cannot focus	18/09/2009 15:43:23	ADB_3 213	HIGH
6	12 T	14/09/2009 15:28:23	Charlie Demo 4 3500	LOW
7	11 test	2/2/2009 8:29	Stefano 1000	HIGH
8	10 Camera unreachable,	8/5/2009 15:51	Lane 12 1213	HIGH
9	9 Camera unreachable,	20/03/2009 10:34:37	Lane 11 1113	HIGH
10	8 Peripheral permanently unreachable	19/03/2009 17:48:27	Area 311	HIGH
11	7 Camera unreachable,	18/03/2009 16:03:03	Lane 10 1013	HIGH
12	5 test	3/2/2009 9:27	Lab_Cisco 9850	MEDIUM
13	4 Peripheral permanently unreachable	27/01/2009 10:04:25	Lab_laptop 211	HIGH
14	3 Camera unreachable,	23/12/2008 15:27:06	ADB_Right 13	HIGH

MPH-900-OCUM-001-008

Figure 20 — Exporting a Trouble Management Report

Diagnostics Email Address

This is the list of recipients of automatic trouble messages. Those messages can be either manually entered by a user or automatically generated by the system. Through the default settings, this feature may be used by Maintenance and the System Administrator. When Diagnostics Email Address is first selected, the Add New screen initially opens (see Figure 21). All existing entries will be displayed in the Email Addresses Window. This feature allows the user to add an email contact for future use. After the

email address has been entered in the Email field, the user may then select an appropriate "type" to the email contact. The type expresses the event that triggers the e-mail. The choices are Diagnostic (which is the default and represents any trouble insertion), Import (a new external Hot List is loaded), Export (an Hot List is exported), or Transits Delete (a set of reads has been erased from the database).



IMPORTANT: Never use the "subtype" field. In addition, Import, Export, and Transit Delete are not yet implemented.

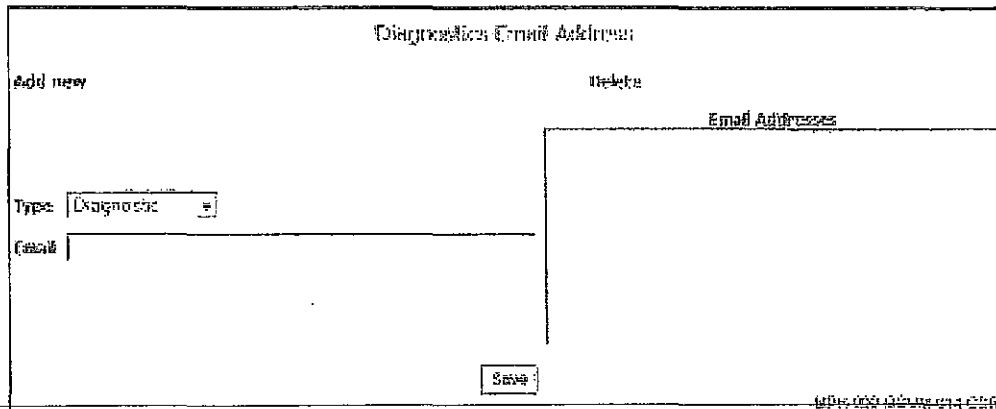


Figure 21 — Diagnostics Email Address Add New Screen

Referring to Figure 22, clicking "Delete" will activate the Diagnostics Email Address Delete Screen. The existing email addresses will be displayed in the Email Addresses Window. To delete an email contact, simply highlight the email address to be deleted then click the Delete button. As shown in Figure 23, a "Message from webpage" dialog box appears and the user can then select "OK" to delete the email address or "Cancel" to abort the deletion.

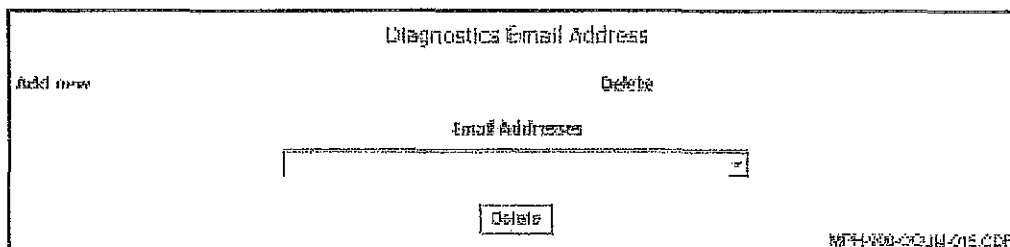


Figure 22 — Diagnostics Email Address Delete Screen

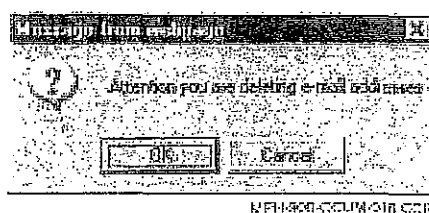


Figure 23 — Deletion Confirmation Dialog Box

Diagnostic Applet

Through the default settings, this feature may be used by Maintenance and the System Administrator. When the user selects Diagnostic Applet the screen shown in Figure 24 appears. The active tools on this screen are Policy File, Virtual Machine, and Start Diagnostic.

**Attention: to execute the Diagnostic Applet you must install the following Java Runtime. Then download the policy file into the User Home Directory C:\Documents and Settings\
 Policy File
 Virtual Machine**

Start Diagnostic

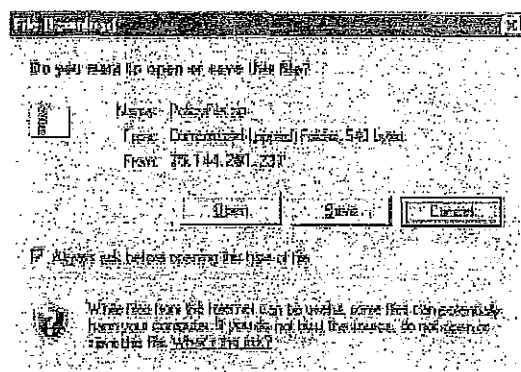
MPH-900-OCUM-010 CQR

Figure 24 — Diagnostic Applet Screen

Policy File

If the user selects Policy File, the File Download Dialog Box shown in Figure 25 appears. The user can now open the zipped file, save it to the user's computer, or cancel the download. The user should save the file to their "User's Profile" under a path similar to: "C:\Documents and Settings\Chris Wyman\ELSAG RELATED" or wherever existing ELSAG files are stored.

The policy file must be installed only the very first time a user launches the Diagnostic Applet on a new machine. The file must be unzipped after having been copied.



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Figure 25 — Policy File Download Dialog Box

Virtual Machine

If the user selects Virtual Machine, a screen similar to the one shown in Figure 26 appears. To run the application it must be installed. Otherwise, install a Java virtual machine from the Web site link. The Virtual machine must be installed only the very first time a user launches the Diagnostic Applet on a new machine.

To install the Virtual Machine, first select Diagnostic, then select Diagnostic Applet. Referring to Figure 24 on Page 32, click on "Virtual Machine" and an installation screen appears (see Figure 26 below). Click "Save" to save the file to a specific folder and then run the installation from that location by following the onscreen instructions. Otherwise, click run and follow the onscreen instructions.

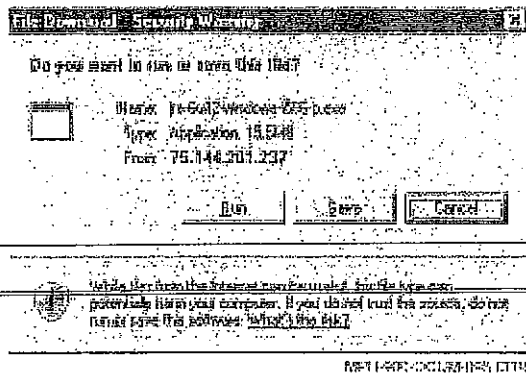


Figure 26 — Virtual Machine Identification Screen

Start Diagnostic

When the user selects Start Diagnostic an additional browser window opens and displays the Java Logo (see Figure 27). Immediately after the Java window opens the Operational Center Diagnostic Dialog Box appears (see Figure 28).

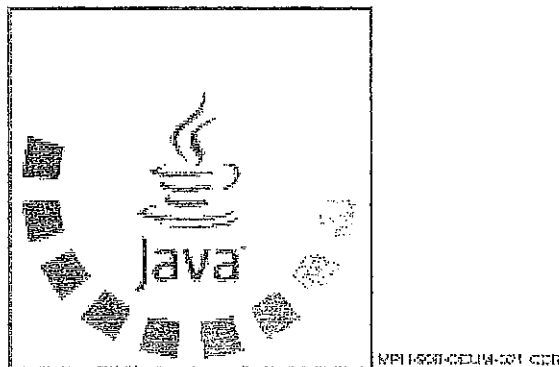


Figure 27 — Java Logo

Referring to Figure 28, first select "Always trust content from this publisher" and then click Run.

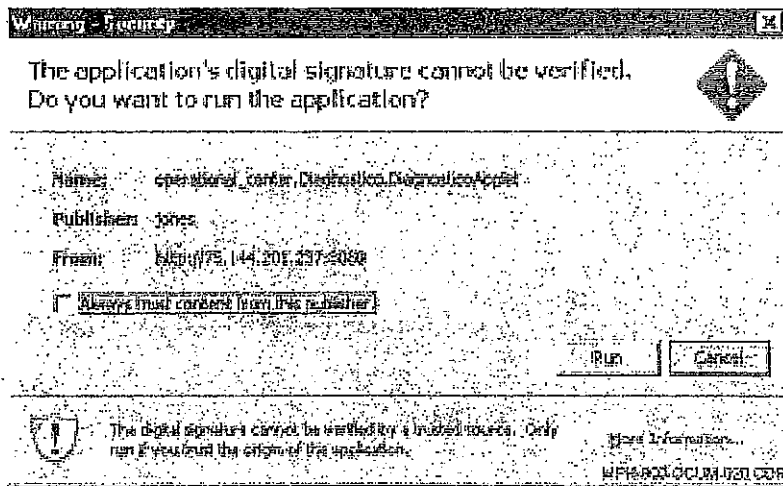


Figure 28 — Operational Center Diagnostic Dialog Box

After the diagnostic has run, a new Web window will open with a three-tabbed report. The first report is "System Status" and will present a report similar to the shown in Figure 29. The report begins by listing all vehicles in the system and concludes by listing each of the objects in the system. The objects include fixed LPR units, mobile LPR units, Gate, Peripherals, and Garage. In the figure, the vertical format report is shown horizontally to fit within document page restraints.

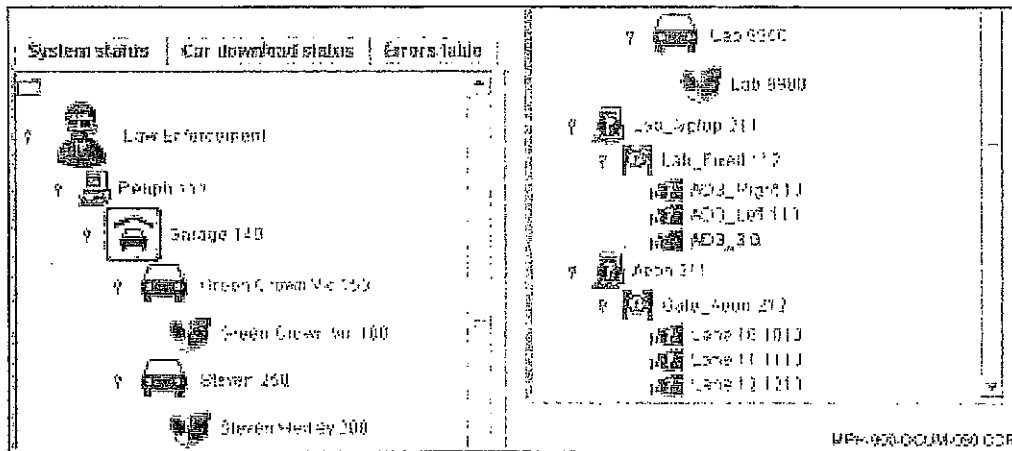


Figure 29 — System Status Report

Referring to Figure 30, the second report is "Car Download Status." This report lists Object Names, Types (refer to the vehicle icons in the lower left corner of the figure), Operation, Start Time, End Time, Number of Files to Transfer, Number of Transferred Files, Last File on Car, and Last Transfer event. This screen also includes a refresh button.

System Name	Car Download Status	Operation	Start Time	End Time	Files to Transfer	Transferred Files	Last File on Car	Last Transfer
Lab Corp		FullLoad	2009-09-09 18:21...					2009-09-09 18:21...
Lab		FullLoad	2009-09-09 18:41...	2009-09-09 19:16...	3	3	MPH-900-OCUM-001.DAT	2009-09-09 19:16...

Completed
 In Progress
 Aborted

MPH-900-OCUM-001.DAT

Figure 30 — Car Download Status

Referring to Figure 31, the third report is "Errors Table" that includes information about computer Type, Description, a Parent ID, and Errors that have been encountered.

System Name	Car Download Status	Error Table	Type	Description	Parent ID	Errors
			Lab Corp		100	Peripheral permanently unreachable - peripheral unreachable
			Lab Corp		102	Camera unreachable
			Lab Corp		103	RTSP command queue error
			Lab Corp		100	Peripheral permanently unreachable - peripheral unreachable
			Lab Corp		207	Camera unreachable
			Lab Corp		207	Camera unreachable
			Lab Corp		213	Camera unreachable

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Figure 31 — Errors Table



Chapter 5 — Query/Statistics

Introduction

The available Query/Statistics functions explained in this chapter are as follows: Query Reads, Alarm Validation, Mission Replay, Delete Reads, and Statistics.

Query Reads

When the user selects Query Reads a screen similar to the one shown in Figure 32 appears. The End Time defaults to the current date and time and the Start Time default to the day before.

The Reader section of the screen lists all readers in alphabetical order and the Transit Status is listed in the order shown in the figure. Standard Alarm Classes are 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw. If no alarm class is selected, all will be selected.

Query Reads

Start	Day	15	Month	03	Year	2009	Hour	11	Minutes	00
End	Day	16	Month	03	Year	2009	Hour	11	Minutes	15
License Plate					State					
Reader	<ul style="list-style-type: none"> Blue Crown Vtc Charlie Demo 1 Charlie Demo 2 Charlie Demo 3 Charlie Demo 4 Osco CarSystem Frank S Gato_Aeon Green Crown Vtc Lah 	Transit status	<ul style="list-style-type: none"> Delayed Alarm Expired Alarm Rejected Alarm Normal Transit Pending Alarm Accepted Alarm 	Alarm class						
<input type="checkbox"/> Select geographic area <input type="button" value="Select Geographic Area"/>										
<input type="checkbox"/> Select geographic coordinates										
Latitude			Longitude			Radius				
<input type="checkbox"/> <input type="checkbox"/> Show thumbnail image										

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Figure 32 — Query Reads Screen

The Reader Window lists each of the vehicles and fixed cameras that are part of the system. The Transit Status Window includes the following categories:

- Deferred Alarm (alarm that timed out at the user end and no action was taken against it)
- Expired Alarm (alarm that was expired by the system, expiration time for a deferred alarm)
- Rejected Alarm (alarm that was rejected the user)
- Normal Transit (regular read from the vehicle or fixed camera)
- Pending Alarm (pending acknowledgement by the end user [usually fixed camera]), and
- Accepted Alarm (alarm that was accepted by the user).

To generate a report in Query Reads, select the desired start and end dates and times and any other specific criteria that the user wishes to include in the report (Select Geographic Area [Map Based Searches] will be covered later in this section), then select "Show Thumbnails Image" and click "Find."

NOTE: Items not selected will in turn search for all items in a particular window.

The message "Please Wait" appears while the report generates. Then, the Query Results screen appears. A sample screen is shown in Figure 33. If the user passes their mouse arrow over a thumbnail, an enlarged thumbnail will appear as shown in Figure 34.

Query Results

START 01/06/2009 13:45
 END 24/09/2009 13:00
 Reader Frank S

Number of elements: 6960 [1 / 13]

Image	Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class
	01/06/2009 15:44:20	0441045	Normal Transit	NY	Frank S	
	01/06/2009 15:44:23	AXE1137	Normal Transit	NY	Frank S	
	01/06/2009 15:44:30	111110	Normal Transit	NY	Frank S	
	01/06/2009 15:44:30	LAASIE	Normal Transit	S	Frank S	
	01/06/2009 15:44:30	3554900000	Normal Transit	T	Frank S	
	01/06/2009 15:44:30	[GCR00RUIT17]	Normal Transit	?	Frank S	
	01/06/2009 15:44:41	3046735	Normal Transit	NY	Frank S	

Figure 33 — Sample Query Results Screen

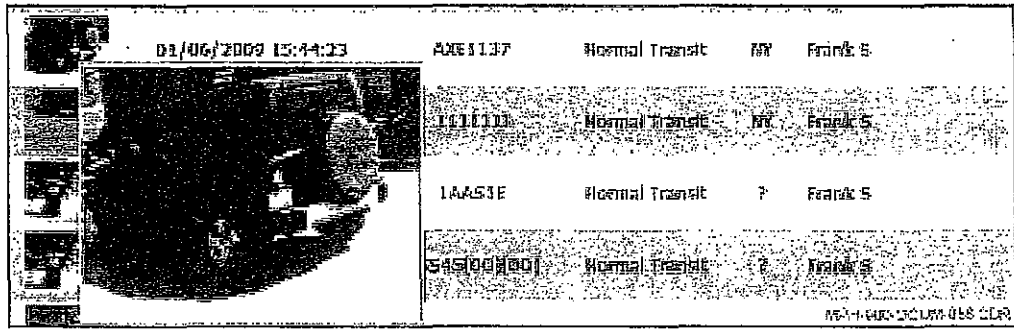


Figure 34 — Sample Enlarged Thumbnail

When the user clicks on a thumbnail, a second Web browser window opens with a PDF (Portable Document Format produced using Adobe⁶ Acrobat⁷ or a similar software product) report of the license plate reading as shown in Figure 35. The PDF document is obtained only after clicking on the PDF icon. The standard report is an HTML page.

⁶Adobe® is a registered trademark of Adobe Corporation.

⁷Acrobat® is a registered trademark of Adobe Corporation.

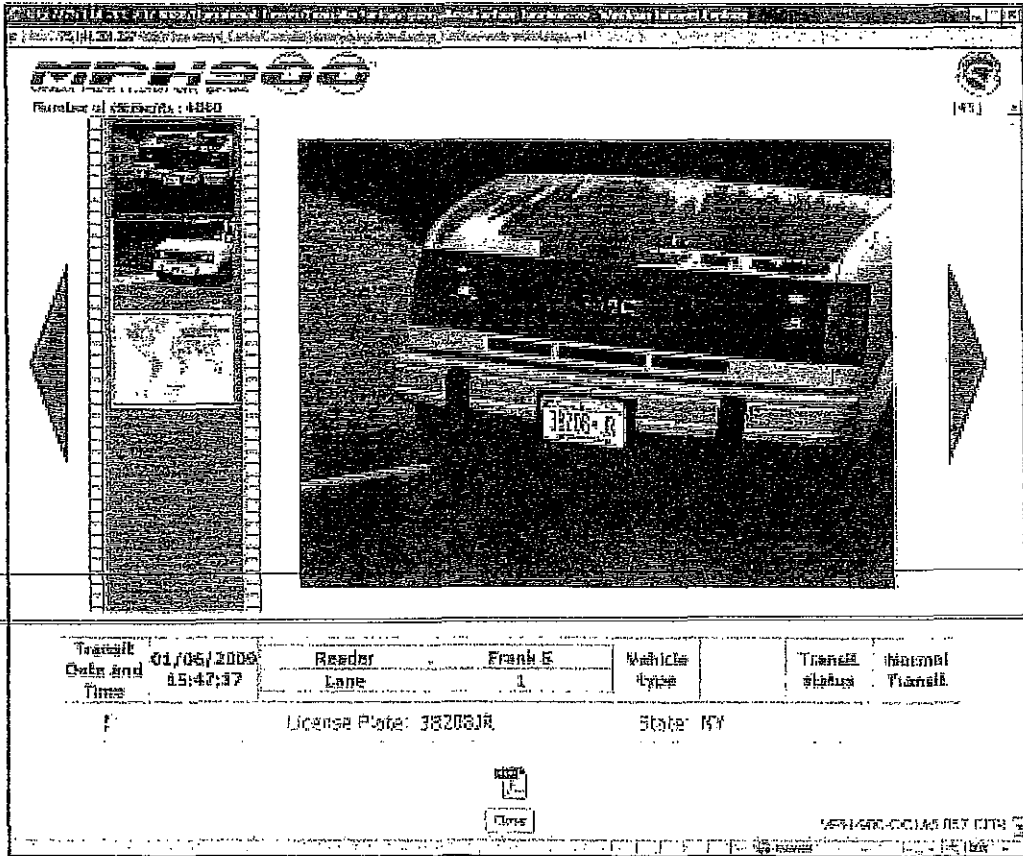


Figure 35 — Vehicle Report

When the second Web browser opens, the grayscale image is shown as the default. The user may also click on the color image of the vehicle for a second view. Usually the grayscale image is easier to read. However, this is not always the case so a color version is also taken at the time of the license plate read. The grayscale image shows the infrared image of the license plate, which was read by the LPR. The color image shows an overview picture of the whole vehicle.

To more closely examine with photo, the desired photo should be showing in the screen main (enlarged panel (in Figure 35 the grayscale photo is showing in the main panel). The user would next click on the image and the Image Analyzer download window will appear (see Figure 36).

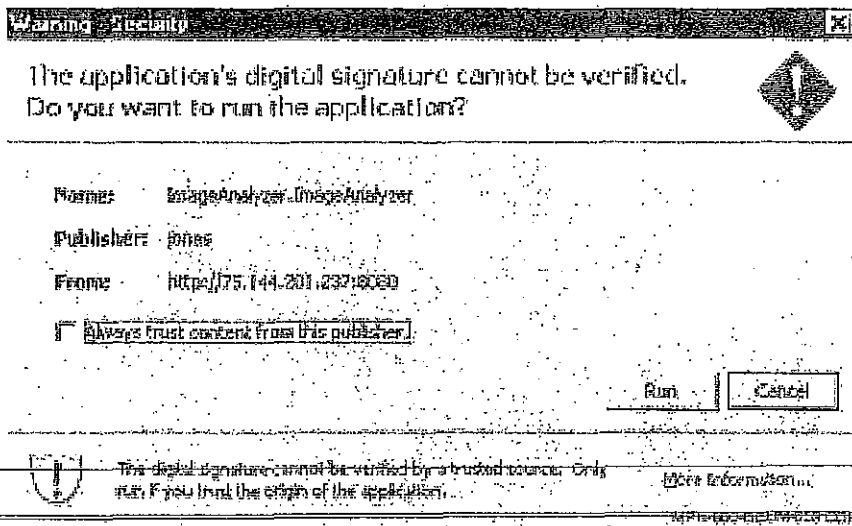


Figure 36 — Image Analyzer Download Window

The user should then select run and another Web browser window opens with the photo selected. At the bottom of the window are the tools shown below in Figure 37. The Zoom Control allows the user to zoom in or out, the Brightness Control allows the user to make the image lighter or darker, and the Contrast Control allows the user to increase or decrease contrast. Clicking on the Create PDF icon allows the user to save the image as a PDF file and the Refresh Control resets the image to how it appeared when the window first opened. The Zoom In Control allows the user to create a box around any part of the image and the system immediately zooms in on the selected area of the image. The Close Control closes the window.

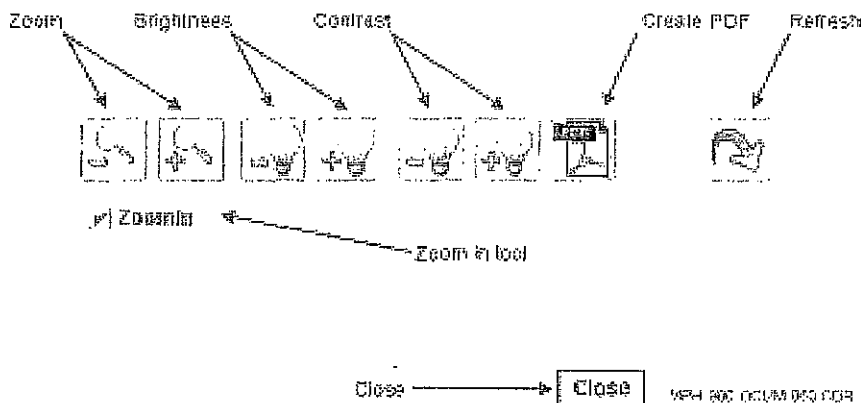


Figure 37 — Image Examination Window Controls

As shown in Figure 38, when the user clicks on the PDF icon the Select Destination File Window opens. The user should then locate a suitable subdirectory to save the file and give the file an appropriate name to help locate the file when needed.

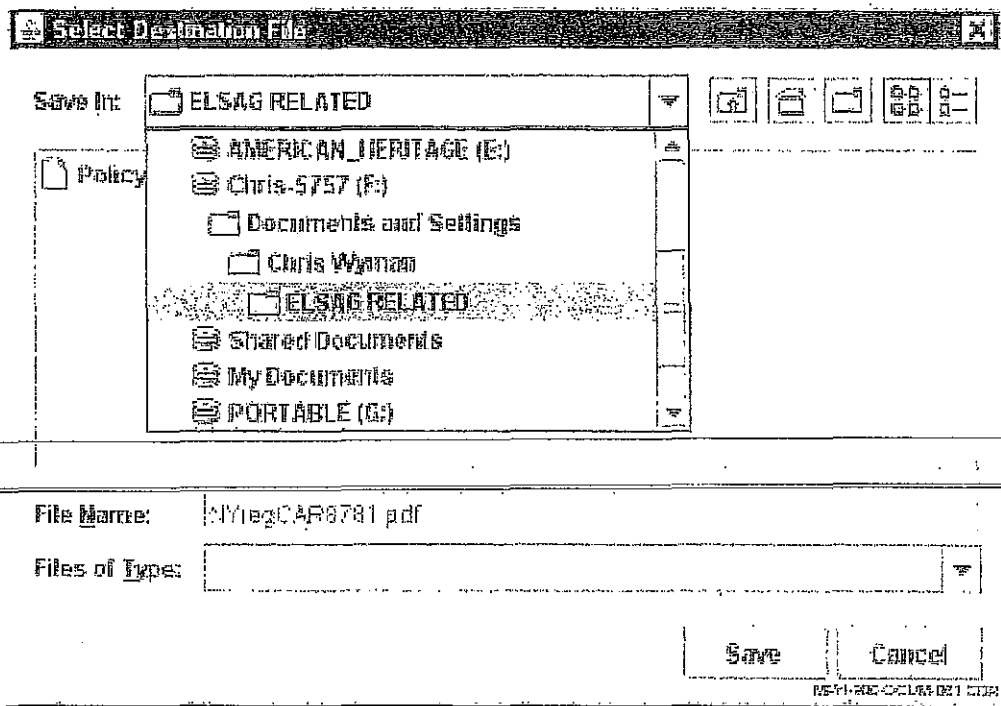


Figure 38 — Select Destination File Window

If the user clicks on the World Map icon, a third Web browser window opens and show the exact map location of the read (see Figure 39). The Read Map Location screen also allows the user to zoom in and out from the location and to shift the center of the map in any direction.

In the upper left corner of the screen, the latitude and longitude of the read are given. When the user passes the mouse cursor over the map the latitude and longitude readings change to reflect the position of the crosshairs on the screen.

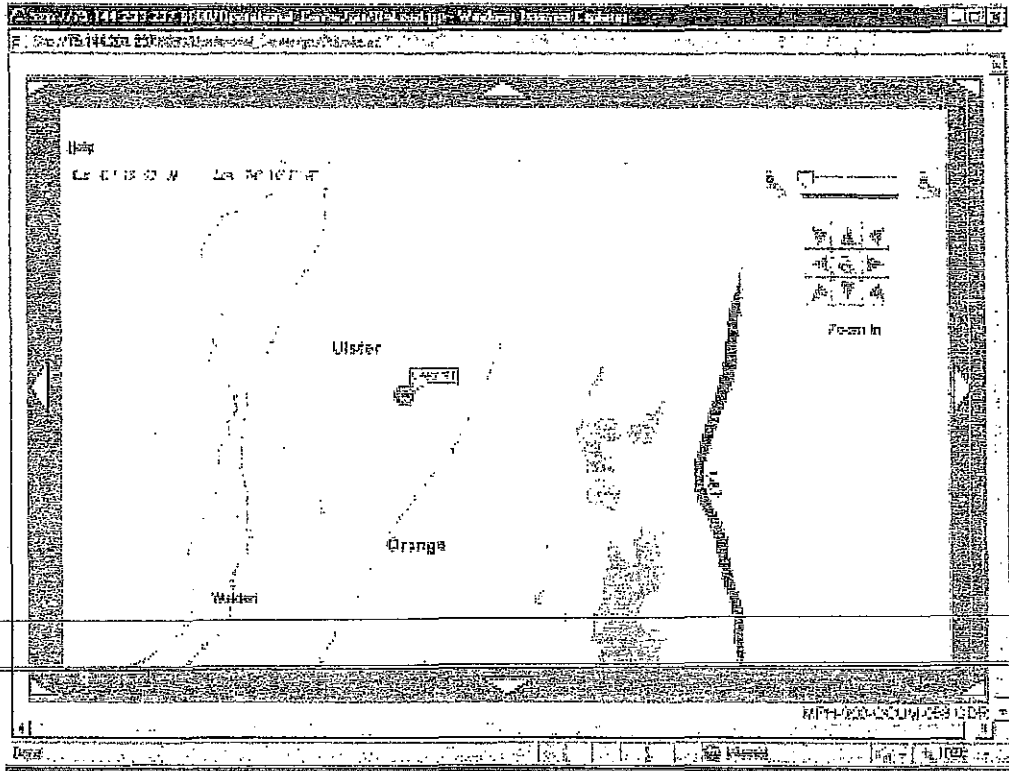


Figure 39 — Read Map Location Screen

Map Based Searches

□ Cartographic Tool

To use this embedded Java-based tool first check the Cartographic Tool and then click on Select Geographic Area feature. The map that appears is the default location for the client's system. The currently available map represents the geographical limit of the Query. This means that the query results are reads that happened within the limits of the map. The geographical criteria are used in conjunction with any other selected criteria (time, date, plate, state, etc.).

NOTE: If the user had searched for a location and used the back button in the Web application, the user can return to that map with the same location and scale as long as that Web application window has not been closed by the user. Closing the window or logging out of the system will return the map to the default setting. As an example and referring to Figure 40, Manhattan Island in New York City was last viewed by this user.

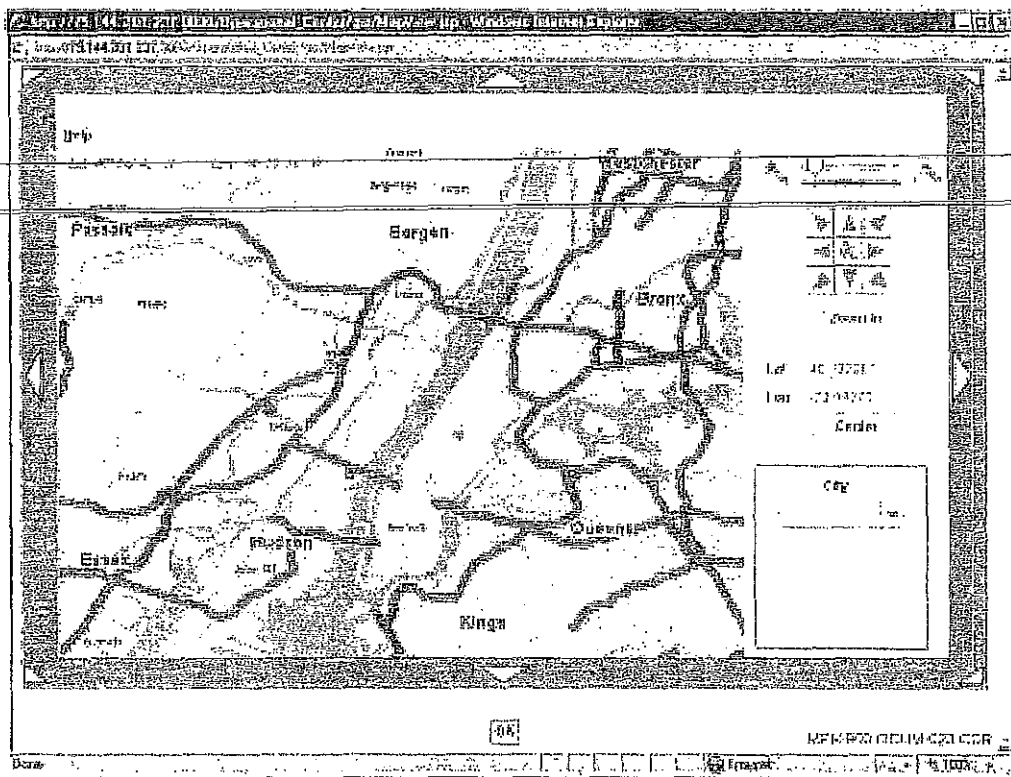


Figure 40 — Cartographic Tool/Select Geographic Area Example

□ Geographic Coordinates

To use the Geographic Coordinates feature first check Geographic Coordinates and then fill in the Latitude, Longitude, and Radius (in Miles) values. However, the user must know the correct latitudinal and longitudinal coordinates that will be used to locate the center of the map.

Query Results Tools and Functions

Figure 41 show the tools and functions that are available at the bottom of the Query Results screen. The Back button returns the user to the previous screen. File Export, Export Html File, and Show all on Map are described in the subsections that follow.

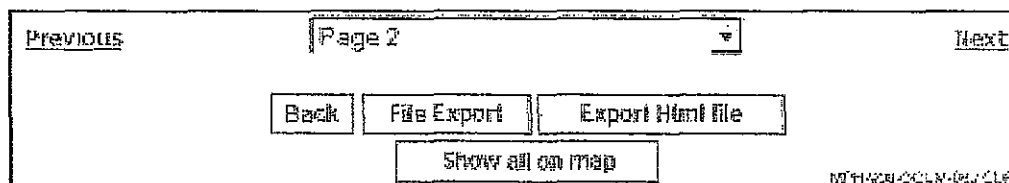


Figure 41 — Query Results Tools

File Export

When the user selects File Export (see Figure 41), a report similar to the one shown in Figure 42 will generate. If desired, the user can use the Web browser to save a copy of the report. To return to the previous screen use your browser's Back Button.

1	Transit Date and Time	License Plate	Transit status	State	Reader	Latitude	Longitude
2	26/08/2009 11:30:22	3J00[83CF	Normal Transit ?	Sheri	29.76076126	-81.39177612	
3	26/08/2009 11:30:32	656HKK	Normal Transit ?	Sheri	29.75702204	-81.35057068	
4	26/08/2009 11:31:26	S888VP	Normal Transit ?	Sheri	29.74246216	-81.30441376	
5	26/08/2009 11:33:04	M484[00C4R	Normal Transit ?	Sheri	29.71588609	-81.33504486	
6	26/08/2009 11:38:54	948[00]8[00]	Normal Transit ?	Sheri	29.71558854	-81.33477783	
7	26/08/2009 11:40:09	744K	Normal Transit ?	Sheri	29.71558852	-81.33487701	
8	26/08/2009 11:40:19	01[00]8[5E0	Normal Transit ?	Sheri	29.7144413	-81.33428885	
9	26/08/2009 11:41:50	012[00]6[749	Normal Transit ?	Sheri	29.69200705	-81.32424164	
10	26/08/2009 11:44:08	[05]1559[65]	Normal Transit ?	Sheri	29.66370773	-81.29009247	
11	26/08/2009 11:44:33	6533F[11]	Normal Transit ?	Sheri	29.65941238	-81.28280803	
12	26/08/2009 11:44:50	172JNT	Normal Transit ?	Sheri	29.65548808	-81.27858714	

Figure 42 — Sample File Export Report

Export Html File

When the user selects Export Html File (see Figure 41), a compressed copy of the file is generated. This may take several minutes before the Export Html File Save/Open Window appears (see Figure 43). The user may Open, Save, or Cancel the file download.

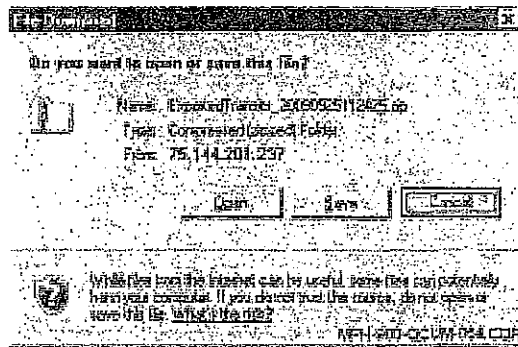


Figure 43 — Export Html File Save/Open Window

□ Show All On Map

When the user selects Show all on Map (see Figure 41), a report similar to Figure 44 appears. Referring to the figure, each of the green pinpoints represents a captured read or in other words, a captured image.

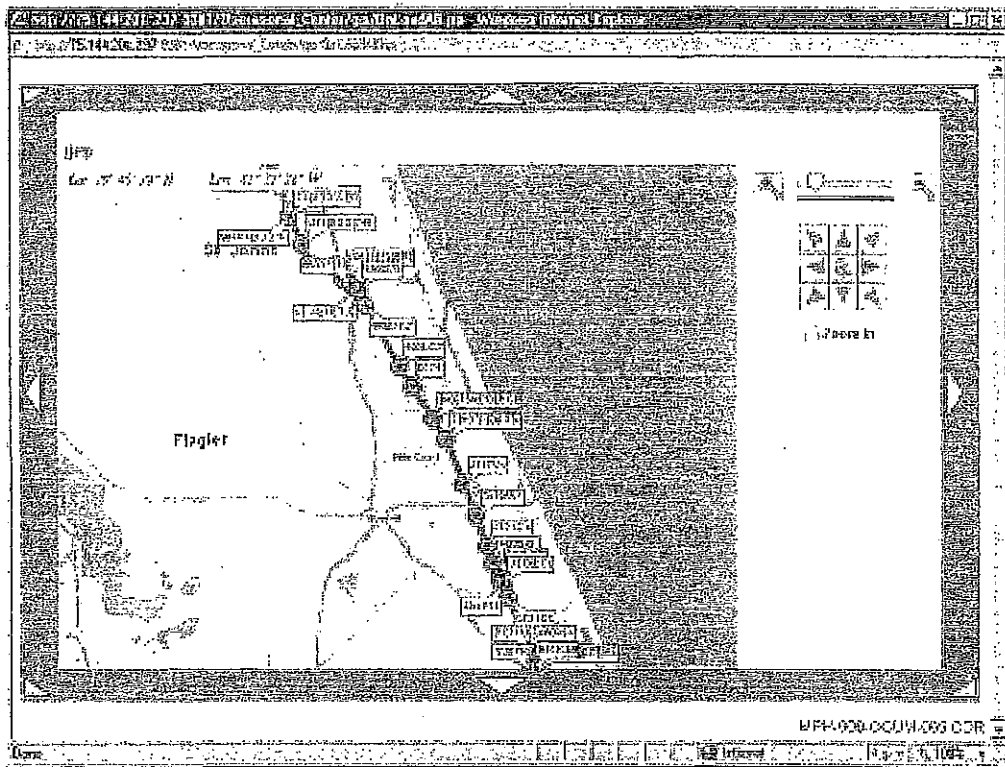


Figure 44 — Sample Show All On Map Report

Alarm Validation

Alarm Validation is used to confirm or reject alarms from fixed cameras or alarms that were not managed in the vehicle. This is typically because the alarm timed out or the alarm was not of a suitable class, meaning that the alarm was of a disabled class (silent alarm).

When Alarm Validation is selected, a screen similar to the one shown in Figure 45 appears. When the screen first opens "Not Expired" is selected as the default setting but may be changed to any combination of the three choices: Not Expired, Deferred, and Expired. The End Time defaults to the current date and time and the Start Time default to the day before.

When the user wants to validate an entire series of alarms they could for example specify a start date of January 1 and select all. Other options include narrowing the search to Not Expired, Deferred, or Expired or any combination of the three depending upon the type of results that are desired.

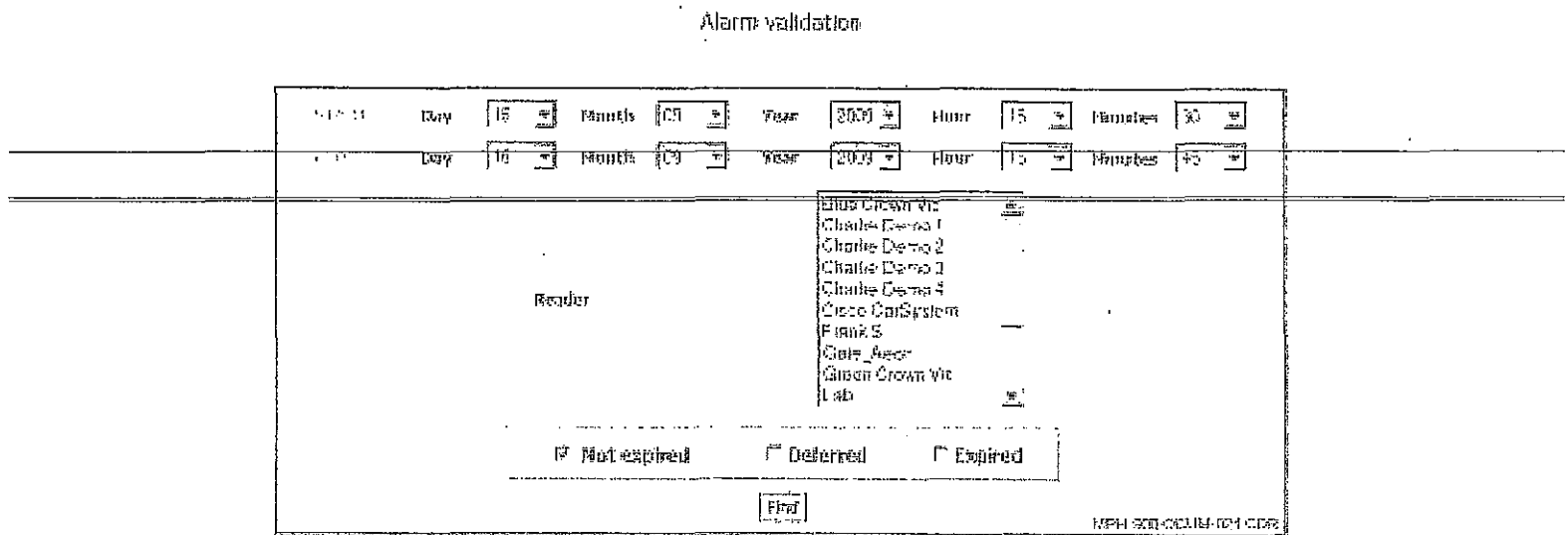


Figure 45 — Alarm Validation Screen

After the user has set the parameters for the query, a screen similar to the one shown in Figure 46 appears. The user may use the Back Button to return to the previous screen, Validate All, Reject All, or Open Session.

Concerning Deferred and Expired alarm validations, the alarms statuses must be defined. Validate means Accept in which case pending alarms are moved to the Accepted status.

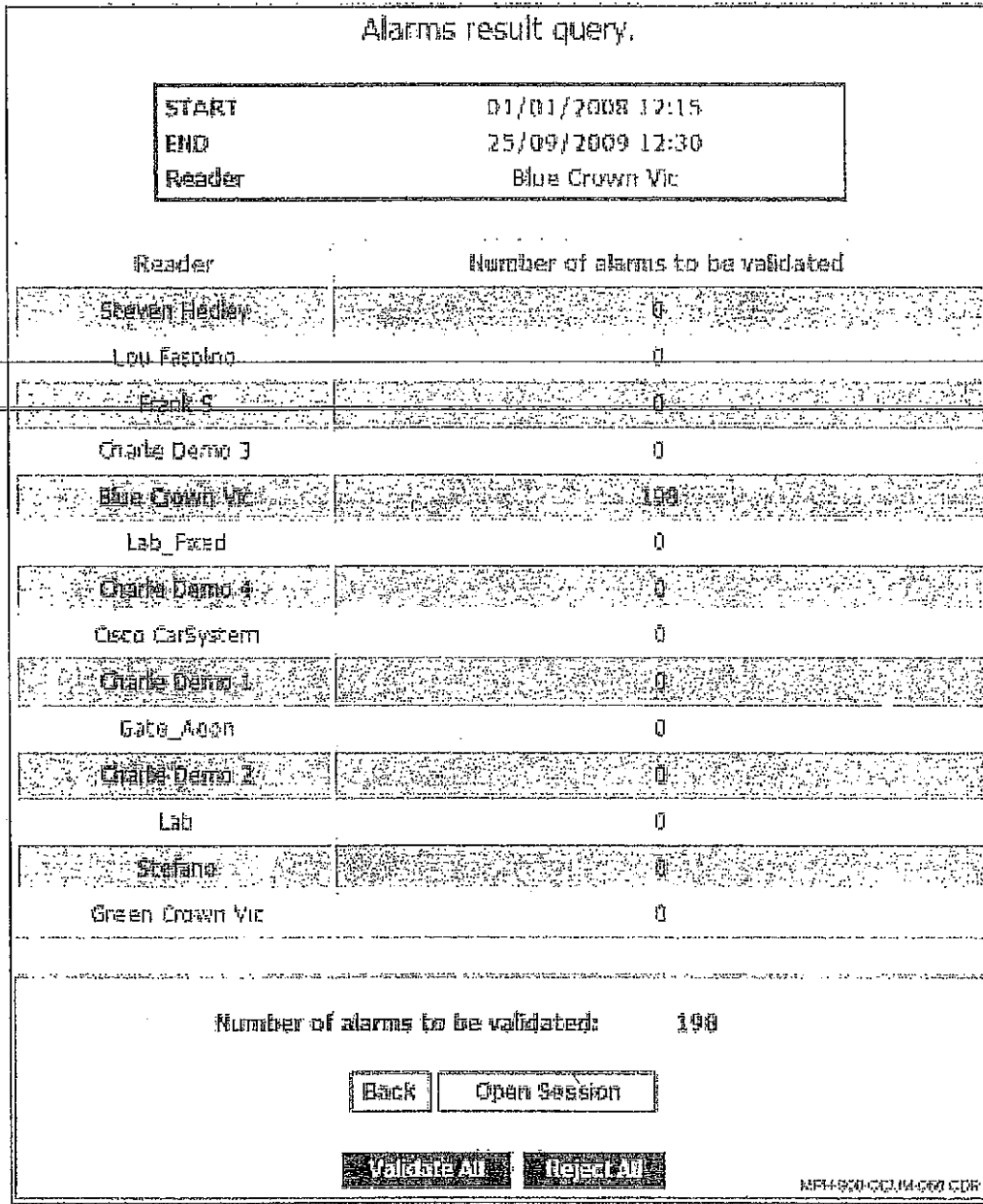


Figure 46 — Sample Alarm Results Query Screen

Referring to Figure 47, when Open Session is selected, the first Validation Session Screen appears. During a Validation Session, the EOC displays alarms from the alarm count and the user then reviews the images associated with the alarm.

Double clicking on the alarm shown in the box opens another window that assists the user in more closely examining and reviewing the alarm. The user then makes an appropriate decision and then selects either "Alarm Confirmed" or "Alarm Not Confirmed" for each alarm.

Referring to Figure 47, note the ambiguity that must be resolved by the user. In the example there are two alarm records associated with the same read. In this example, it is a false read and the alarm would be discarded (Alarm Not Confirmed).

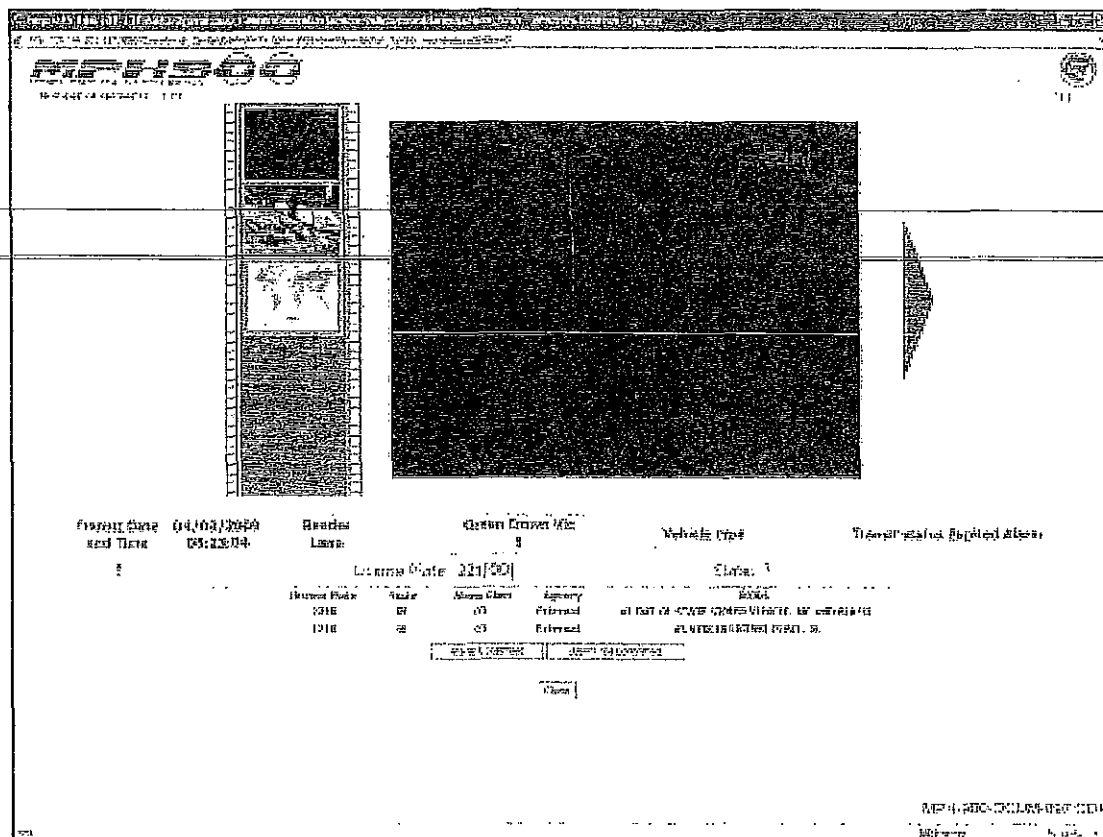


Figure 47 — Validation Session Screen

Mission Replay

When Mission Replay is selected, the screen shown in Figure 48 appears. The End Time defaults to the current date and time and the Start Time default to the day before. After the time parameters have been set and a Reader has been selected, the user would then click the Find Button to generate a report and a Mission Results Query Results screen similar to Figure 49 will appear. Referring to the information that follows, Mission Replay tracks the actual trip that was made.

Mission Replay

The screenshot shows a form titled "Mission Replay". It contains two rows of date and time selection fields. The first row has Day: 16, Month: 09, Year: 2009, Hour: 10, Minutes: 45. The second row has Day: 17, Month: 09, Year: 2009, Hour: 11, Minutes: 00. Below these fields is a "Reader" dropdown menu set to "Green Cross" and a "Find" button. The bottom right corner of the form contains the text "MPH 900-OCUM-007 0007".

Figure 48 — Mission Replay Screen

The screenshot shows a "Query Results" screen. At the top, it displays "START 01/01/2009 13:00" and "END 25/09/2009 13:15". Below this is a table with the following columns: Journal Date and Time, License Plate, Journal Status, State, Reader, Alarm Class, and Image. The table contains 11 rows of data. At the bottom of the table, it says "Number of elements: 11/13". Below the table are "Previous" and "Next" buttons, and a "Back" button with a "Mission Replay" label. The bottom right corner contains the text "MPH 900-OCUM-007 0008".

Journal Date and Time	License Plate	Journal Status	State	Reader	Alarm Class	Image
06/05/2009 08:42:04	05014508	Normal Transit	NY	Frank S		
06/05/2009 08:43:44	05014508	Normal Transit	NY	Frank S		
06/05/2009 08:44:19	05014508	Normal Transit	NY	Frank S		
06/05/2009 08:44:27	W01705	Normal Transit	NY	Frank S		
06/05/2009 08:44:31	0818083	Normal Transit	NY	Frank S		
06/05/2009 08:44:33	AP05688	Normal Transit	NY	Frank S		
06/05/2009 08:45:28	0005003	Normal Transit	NY	Frank S		
06/05/2009 08:50:35	CW12419	Normal Transit	NY	Frank S		
06/05/2009 08:50:36	001167	Normal Transit	NY	Frank S		
06/05/2009 08:50:36	AMW1575	Normal Transit	NY	Frank S		
06/05/2009 08:50:37	0100501	Normal Transit	NY	Frank S		
06/05/2009 08:50:38	008372	Normal Transit	NY	Frank S		
06/05/2009 08:50:38	0000572	Normal Transit	NY	Frank S		

Figure 49 — Mission Replay Query Results

Referring to the Image Column in Figure 49, if the user clicks any of the "+" buttons a display of the read will display (such as is shown in Figure 35 on Page 39). If the user clicks on the Mission Replay Button a screen similar to Figure 50 will appear, however, the user must first click the Trail Button to begin populating the screen with the various Reads.

In the Mission Replay scenario depicted in the figure, the vehicle taking the reads began on tertiary roads as it headed in a southward direction. It briefly traveled on secondary roads and then returned to tertiary roads. It then drove onto a parkway before heading east on Interstate 87.

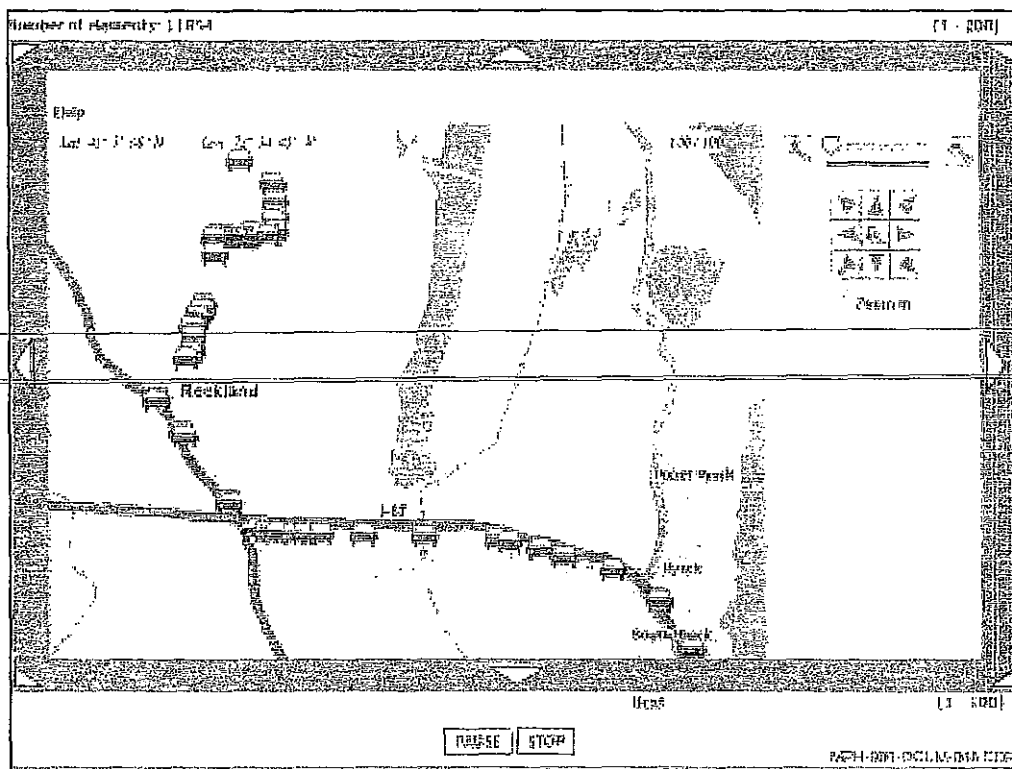


Figure 50 — Sample Mission Replay Screen

Delete Reads

Delete Reads is used to purge the system of unneeded reads. When Delete Reads is selected, the Query Reads to be Deleted Screen shown in Figure 51 appears. The End Time defaults to the current date and time and the Start Time default to the day before.

The Reader section of the screen lists all readers in alphabetical order and the Transit Status is listed in the order shown in the figure. Standard Alarm Classes are 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw. If no alarm class is selected, all will be selected.

Referring to Figure 52, the query results are shown for a time-specific search for “Rejected Alarms” taken by “Blue Crown Vic.” The user can then go page by page to review additional rejected alarms or chose to delete the alarms that appear on a particular page, in this case Page 1.

Query Reads to be deleted

Day: 16 Month: 08 Year: 2009 Hour: 10 Minutes: 45
 Day: 17 Month: 08 Year: 2009 Hour: 11 Minutes: 00

License Plate: _____ State: _____

Reader: Blue Crown Vic, Charlie Demo 1, Charlie Demo 2, Charlie Demo 3, Charlie Demo 4, Cisco CallSystem, Frank S, Gate Access, Green Crown Vic, Lab

Transit status: Defined Alarm, Escaped Alarm, Rejected Alarm, Abnormal Transit, Pending Alarm, Accepted Alarm

Alarm Class: _____

Find

MPH-900-OCUM-009 CDR

Figure 51 — Query Reads to be Deleted Screen

Query Results.

START	04/08/2009 14:00
END	29/04/2009 14:15
Transit status	Rejected Alarm

Number of elements: 17

Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class
06/08/2009 13:31:14	[1A]1[1]11	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 11:49:01	1[00][00][00]	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 14:01:00	111[1]11	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 14:03:59	R[00][00]	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 14:33:55	1[00][00]	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 15:30:51	84370	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 16:31:00	[00][00][00]	Rejected Alarm	?	Blue Crown Vic	
06/08/2009 17:04:30	1[00][00][00]	Rejected Alarm	?	Blue Crown Vic	
07/08/2009 07:49:39	[00][00]1	Rejected Alarm	?	Blue Crown Vic	
07/08/2009 11:35:30	[1W][1W]11	Rejected Alarm	?	Blue Crown Vic	
07/08/2009 15:23:00	[11]1	Rejected Alarm	?	Blue Crown Vic	
07/08/2009 15:35:33	3[00]00	Rejected Alarm	?	Blue Crown Vic	
07/08/2009 16:04:54	11111	Rejected Alarm	?	Blue Crown Vic	

Page 1 Next

Back Delete

MPH-900-OCUM-009 CDR

Figure 52 — Sample Delete Read Query Results

Statistics

When Statistics is selected, the shown in Figure 53 appears. The End Time defaults to the current date and time and the Start Time default to the day before. The report that will be generated shows all statistics on a 24-hour basis for the selected number of days, weeks, months, etc. There is a statistics table for every reader in the system. A reader is a vehicle equipped with a mobile LPR unit or a "Gate" which is a set of fixed LPR cameras.

Statistics

Start	Day	16	Month	09	Year	2009
End	Day	17	Month	09	Year	2009
<input type="button" value="Find"/>						

MPH900-OCUM-021 CLR

Figure 53 — Statistics Screen

After the time period has been selected and the user clicks the Find Button a report similar to the one shown in Figure 54 displays. The information included is for all vehicles that had any activity within the time period. Note the blue underlined hyperlinks included on the screen. When the user clicks on any hyperlink, a bar graph appears. On the horizontal scale of each graph, the 00 to 23 represent the hours of the day with 00 being midnight and 12 being noon.

Statistics

START	01/08/2009 00:00		
END	11/08/2009 23:59		

Gate_Aeon

DATE	READS TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2009/08/16	2	1	0
2009/08/17	22	1	0
2009/08/18	5	0	0
TOTAL	29	2	0

Blue Crown Vic

DATE	READS TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
2009/08/08	344	2	3
2009/08/09	221	1	1
2009/08/10	195	0	0
2009/08/16	1025	0	1
2009/08/17	2400	2	2
2009/08/18	552	0	0
TOTAL	3747	5	7

TOTAL	ACCEPTED ALARMS	REJECTED ALARMS
0	5	7

MPH 900-OCUM 020 CLR

Figure 54 — Sample Statistic Report

A sample of the bar graphs that will display is shown in Figure 55.

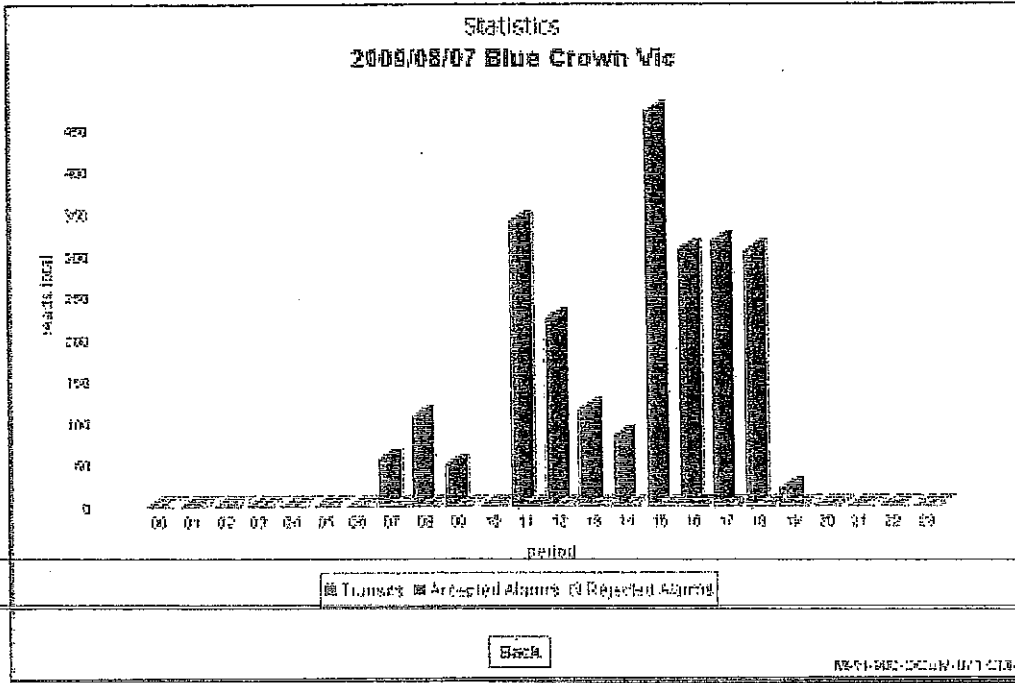


Figure 55 — Sample Bar Graph

If the user selects "Export" in the Statistic Report (see Figure 54), the window shown in Figure 56 appears. The user may Open, Save, or Cancel the file download.

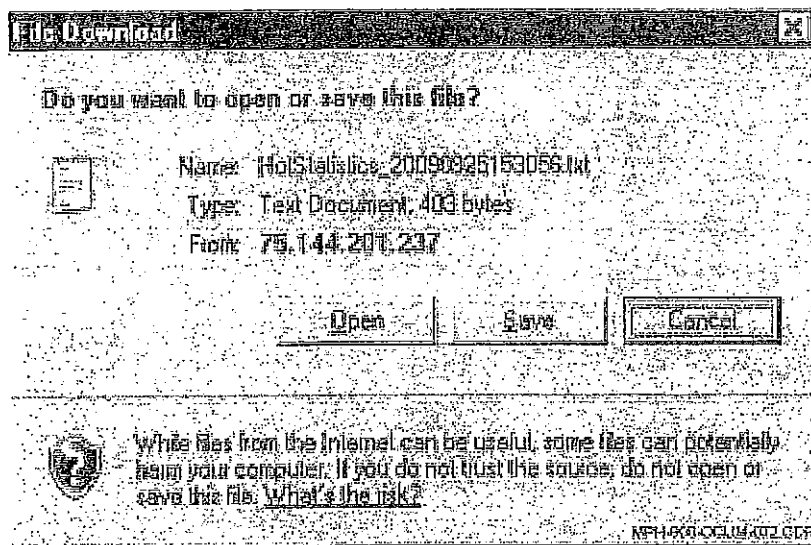


Figure 56 — Statistics File Download



Chapter 6 — Hot List Management

Introduction

The features in this group are for use by System Administrators, Maintenance, and Manage Alarms personnel only. The available Query/Statistics functions explained in this chapter are as follows:

- Export Hot List
- Insert Delete HL (Hot List)
- Show Hot List
- Hot List Import Status
- Post Hit Analysis
- Hot List Import Status History

- Import Extern HL (Hot List), and

- Import local HL (Hot List).

Export Hot List

When Export Hot List is selected, the shown in Figure 57 appears. The current hot list in the system can be exported to a file.

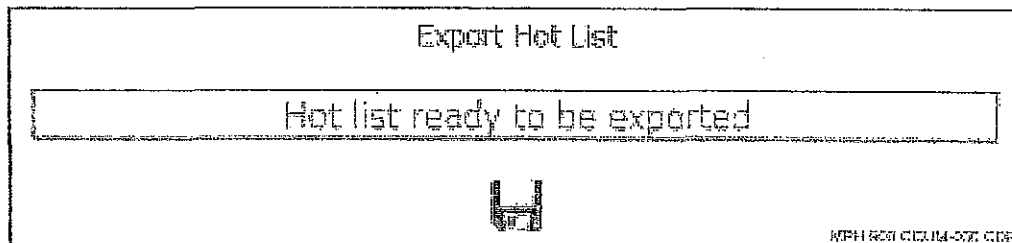


Figure 57 — Export Hot List Screen

Referring to Figure 58, when the diskette icon is selected the Export Hot List File Download Dialog Box appears. At the same time the message "Wait please..." appears behind the dialog box. The Hot list is exported as a text file with the file extension ".txt."

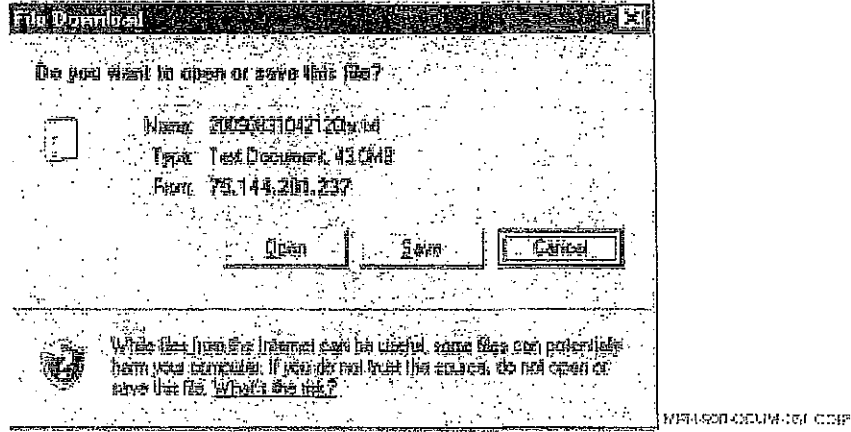


Figure 58 — Export Hot List File Download Dialog Box

The Hot List file format is ready to be manually loaded into a Car System. The purpose of the function is to generate a loadable Hot List file to be used when the wireless links to the cars are down.

Insert Delete HL (Hot List)

When the user selects Insert Delete HL (Hot List) the initial view is of the Insert Hot List Screen as shown in Figure 59. Clicking in the Delete Hot List heading will change the view to the Delete Hot List Screen shown in Figure 60. This feature is used to add or delete a single Hot List entry.

NOTE: When deleting a Hot List entry, the entry must have been first added manually, rather than have been added by importing a Hot List.

Notice that the Insert Hot List Screen shown in Figure 59 includes a window for “Notes” whereas the Delete Hot List Screen shown in Figure 60 does not.

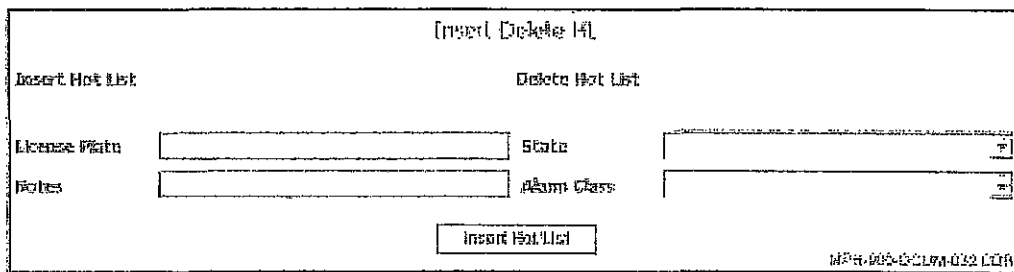


Figure 59 — Insert Delete HL (Hot List) — Insert Hot List Screen

Figure 60 — Insert Delete HL (Hot List) — Delete Hot List Screen

When a Hot List entry has been successfully added, a confirmation screen with the title Post-hit Analysis Result appears as shown in Figure 61. Refer to the *Post Hit Analysis* section that starts on Page 60.

Figure 61 — Post-hit Analysis Result Screen

Conversely, when a Hot List entry has been successfully deleted, a confirmation screen with the message "Successful record deleting in hot list" appears as shown in Figure 62. When deleting an entry, the user need not know the alarm class but must correctly enter the state of origin and the license plate number.

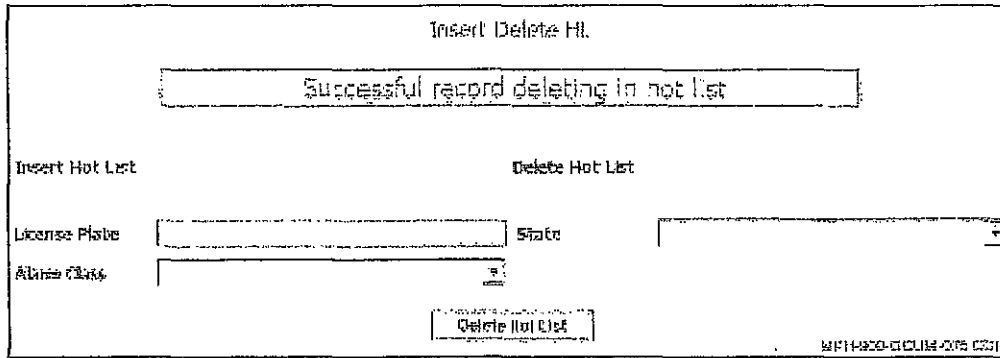


Figure 62 — Confirmation of a Successfully Hot List Entry Deletion

Show Hot List

Referring to Figure 63, when the user selects Show Hot List the Query Hot List Screen appears. The End Time defaults to the current date and time and the Start Time default to the day before.

Standard Alarm Classes are 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw. If no alarm class is selected, all will be selected.

Owner categories are as follows:

- Blank or nothing selected (which is all)
- External (when a Hot list has been inserted from a file)
- Local (when a single plate was added), and
- NCIC (when the source was the National Crime Information Center).

Concerning the NCIC reference above, it is just an example of user defined Hot Lists. This is not part of the standard and default installation. Refer to the *How to: Install an image repository on a separate machine* section of the *EOC ELSAG Operations Center Installation Guide* for additional information. It is possible to setup agencies authorized to generate the Hot Lists that can be loaded into the system. This step is optional since two default agencies are already present (External [generic Hot List generated by an unspecified external source of data], and Local [Hot List created and managed inside the EOC system]). An additional agency is a different source of Hot List data and is identified by a name (such as NCIC) defined while installing the system. It is possible to define up to 18 additional agencies.

Query Hot List

Figure 63 — Query Hot List Screen

If a license plate is found by entering the state and license plate number, the message "Result query in hot list" will display and a report similar to the one shown in Figure 64, otherwise the message "No match in hot list" will display.

Referring to Figure 64, the report confirms the plate number and state of origin and includes the insertion date, the owner category, and any related notes.

License Plate	State	Insertion Date	License Plate Class	Owner	Notes
ABC123	CA	2009/04/25	01	Local	

Figure 64 — Result Query in Hot List Message and Report

Hot List Import Status

Referring to Figure 65, Hot List Import Status is similar to the information that appears in Figure 15 on Page 24 and Table E on Page 9. The various fields in the Hot List Import Status report are explained below in Table G. Import Status refers to the last External Hot List. Concerning the three phases, Phase 1 is the input file parsing and syntax check, Phase 2 is the actual data import into the database, and Phase 3 is the generation of output files to be distributed to the other system modules.

Import Status

NAME	VALUE
FILE NAME	20090831042106hw_local.txt
START DT	20090831 04:21:09
END DT	20090831 04:21:28
PHASE 1 STATUS	OK
PHASE 1 ELAPSED	0
PHASE 1 %	100%
PHASE 2 STATUS	OK
PHASE 2 ELAPSED	8
PHASE 2 %	100%
PHASE 3 STATUS	OK
PHASE 3 ELAPSED	7
PHASE 3 %	100%

Figure 65 — Hot List Import Status Screen

Table G — Hot List Import Status Report

Field Name	Description
File Name	This is the name of the last Hot List file imported to the server.
Start Time	This is the date and time when importation of the Hot List file was started.
End Time	This is the date and time when importation of the Hot List file was ended.
Phase 1 Elapsed	This is the time it took to finish the importation of Phase 1.
Phase 1 %	100% is a confirmation of a completely successful importation of Phase 1. If it were not 100% completed an error message would populate this field.
Phase 2 Status	OK is a confirmation of a successful importation of Phase 2. Otherwise, an error message would be present.
Phase 2 Elapsed	This is the time it took to finish the importation of Phase 2.
Phase 2 %	100% is a confirmation of a completely successful importation of Phase 2. If it were not 100% completed an error message would populate this field.
Phase 3 Status	OK is a confirmation of a successful importation of Phase 3. Otherwise, an error message would be present.
Phase 3 Elapsed	This is the time it took to finish the importation of Phase 3.
Phase 3 %	100% is a confirmation of a completely successful importation of Phase 3. If it were not 100% completed an error message would populate this field.

Post Hit Analysis

Referring to Figure 66, when the user selects Post Hit Analysis, a report similar to the one shown in the figure will display. This feature is used to see if there was a hit prior to the Hot List entry. In other words, it checks against the current Hot List for any hits that were made prior to the system's current Hot List to see if any transits were previously captured. If there were no hits, the message "No Reads Found" appears (see Figure 67).

Concerning Post-hit Analysis, when the user enters a hot list a series of reads is presented. After a subsequent hot list is loaded, the system searches for any read after the previous hot list was loaded. This feature allows the user to return to a location where an earlier read was taken, thereby establishing the location and allowing the agency to respond accordingly.

Post-hit Analysis Result							
START		08/17/2008 15:43					
END		08/09/2009 15:43					
Number of elements: 2							[1 - 2]
Transit Date and Time	Location Name	Transit Status	Status	Reader	Alarm Class	Images	
08/09/2009 12:01:00	455HR	Normal Transit	7	SPN2		2	
							[1 - 2]
Page 1							
File Export		Export HTML file					
Show on map							
MPH-900-OCUM-085 CDR							

Figure 66 — Post Hit Analysis Report

No reads found.

Figure 67 — No Reads Found Message

Hot List Import Status History

Referring to Figure 68, when the user selects Hot List Import Status History the Import Status Hot List Screen appears. The End Time defaults to the current date and time and the Start Time default to the day before. This feature will display a report of all Hot Lists that were loaded within the selected time frame.

In the Import Status field, the possible selections are as follows:

- Blank or nothing selected (which is all)
- Completed
- In progress, and
- Imported.

Import status hot list

The screenshot shows a web-based interface for searching hot list import status. At the top, there are two rows of date and time selection controls. The first row has 'Day' (16), 'Month' (03), 'Year' (2009), 'Hour' (15), and 'Minutes' (45). The second row has 'Day' (17), 'Month' (03), 'Year' (2009), 'Hour' (16), and 'Minutes' (00). Below these is a search section with a text input field labeled 'File name', a dropdown menu labeled 'Import Status', and a 'Find' button. The screen ID 'MPH-900-OCUM-037-CDR' is located in the bottom right corner.

Figure 68 — Import Status Hot List Screen

Although the user can search for a particular file name by using the File Name Window general searches are also possible. For a general search, after selecting the desired timeframe and import status, the user would click Find and a report similar to that shown in Figure 69 will display. Under the File Name heading note that "Local and Hu" together indicates a manual insertion and "HR" is a replacement.

Import Query Result									
SEARCH		16/09/2009 17:00							
FIND		29/09/2009 17:15							
Import Type		hu1							
FILE NAME	START DT	END DT	PHASE 1 STATUS	PHASE 1 %	PHASE 2 STATUS	PHASE 2 %	PHASE 3 STATUS	PHASE 3 %	STATUS
20091222165500hr&FBLH	2008/12/22 16:51:59	2008/12/22 16:51:50	Import OK						Completed
20081222165500hr&FBLH	2008/12/22 16:48:55	2008/12/22 16:49:08	OK	100	OK	100	OK	100	Completed
20081222165500hr&FBLH	2008/12/22 16:55:28	2008/12/22 16:55:27	OK	100	OK	100	OK	100	Completed
20090106162700hr.k	2009/01/06 16:27:04	2009/01/06 16:29:32	OK	100	OK	100	OK	100	Completed
20090103103000hr.k	2009/01/03 10:37:08	2009/01/03 10:37:51	OK	100	OK	100	OK	100	Completed
20090122104950hr.k	2009/01/22 10:49:54	2009/01/22 10:50:09	OK	100	OK	100	OK	100	Completed
20090122105700hr.k	2009/01/22 10:57:24	2009/01/22 10:57:23	OK	100	OK	100	OK	100	Completed

Figure 69 — Import Query Result Report

Import Extern(al) HL (Hot List)

Referring to Figure 70, when the user selects Import Extern(al) HL (Hot List) the Import Extern(al) HL (Hot List) Screen appears. To import an Extern(al) HL (Hot List) select "Browse" and then locate the file to be imported then click "upload" to begin uploading the file. Importing a Hot List is actually uploading a Hot List. When a system is first installed, ELSAG will provide the user with a suitable Hot List to import. Use the Browse button to locate the Hot List to be imported. Refer to the *Hot List File Name and Format* section that follows.

Import Extern HL

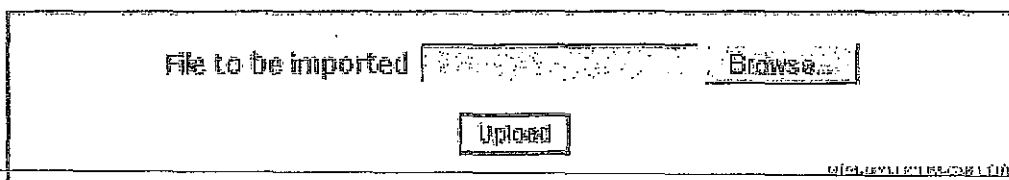


Figure 70 — Import Extern(al) HL (Hot List) Screen

Import Local HL (Hot List)

Referring to Figure 71, when the user selects Import Local HL (Hot List) the import Local HL (Hot List) Screen appears. To import a Local HL (Hot List), first select "Replace" to replace an existing Hot List or "Update" to update an existing Hot List. Then select "Browse" and then locate the file to be imported then click "upload" to begin uploading the file. This feature allows the user to manually insert a file or batch that contains multiple entries. The batch is usually created by the System Administrator. Refer to the *Hot List File Name and Format* section that follows.

Import local HL

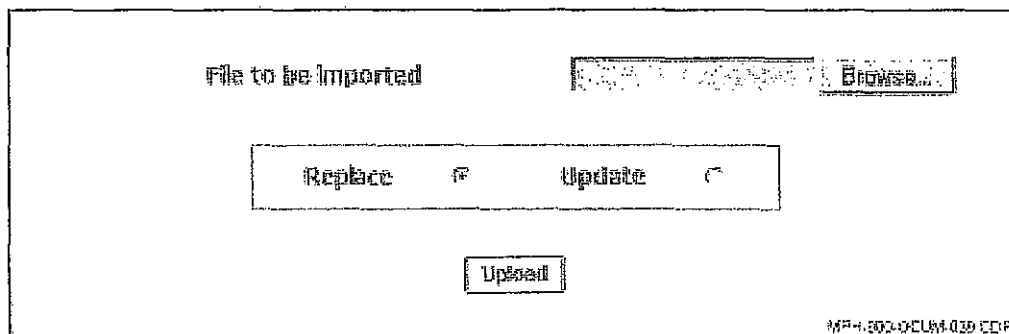


Figure 71 — Import Local HL (Hot List) Screen

Hot List File Name and Format

The Hot List is a plain "TXT" (ANSI) file that can have any name and the file extension "TXT." The file grammar (each record in a different line) is as follows:

```
< Hot_list_file > ::= <record> [<record>]
<record> ::= <plate><state>[<Comment>]
```

Referring to the bullets and illustration that follow, this is a fixed-length format, meaning that each field has always the same length. Details about parameters are as follows:

- The "PLATE" is an alphanumeric string of up to eight characters. If the plate string length is less than eight, "SPACE" characters must be added to fill the remaining positions (up to a total of eight). Only upper case characters are allowed. No special characters are allowed, only 0 to 9 and A to Z.
- The "STATE" is an alphabetic string of always two characters, and
- Any string from position 10 is considered as "COMMENT" information.

0	1	2	3	4	5	6	7	8	9	10 => 110
PLATE								STATE	COMMENT	

~~Comment field can be used to provide details about the wanted vehicle and any other relevant~~ information (i.e., stolen cars, stolen plates, revoked or suspended licenses). Each new Hot List will be a new replacement of the previous one. License plates present in the earlier Hot List but not in the new one will be deleted. License plates present in the new Hot List, but not in the earlier list, will be added. The Hot List must be copied into the input folder, which is: \BackofficeProcess\inputlist\.

If the user wants to load an additional separate Hot List, and the user has configured the system while installing the OCD component, the name convention must be followed for this additional file (see below).

YYYYMMDDhhmmss[to]<&ListOwner><_private>.bl.

This format is used only when the user has configured multiple agencies.

```
YYYY: year      [es. 2006]
MM:  month     [es. 06]
DD:  day       [es. 09]
hh:  hour      [es. 03]
mm:  minute    [es. 08]
ss:  seconds   [es. 35]
t:   list type h=hot list (default), w=white list
o:   operation r=replace (default), u=update
```

The section between angle brackets is optional: If present, <_private> contains information for system internal use; and if present, <&ListOwner> contains the identifier of the agency who issued the Hot List. ListOwner id the additional Agency Description as installed (refer to the *Upgrade from Previous Version* section of the *EOC ELSAG Operations Center Installation Guide*).

If <&ListOwner> is present in the file name, the Hot List operation (replace/update) is referred to the Hot List of the specified ListOwner in the system database. The section between square brackets defines the type of list and type of operation. If missing the default values are automatically applied by the system.

The file can be zip compressed. Zip file name is: YYYYMMDDhhmmss[to]<&ListOwner><_private>.zip.



Chapter 7 — User Configuration

Introduction

Through the default settings, the features in this chapter may be used by Maintenance, the System Administrator, and the person responsible managing alarms. As mentioned earlier in this manual, access to system functions is restricted and controlled through the “Roles Management” tool. Therefore, only higher-level users can use the tools that are described in the following sections. These tools include the following:

- Modify User
- Users Log, and
- Add User.

Modify User

Referring to Figure 72, when the user selects Modify User the Modify User Screen appears. Click on the window on the right side of the screen display each of the existing users.

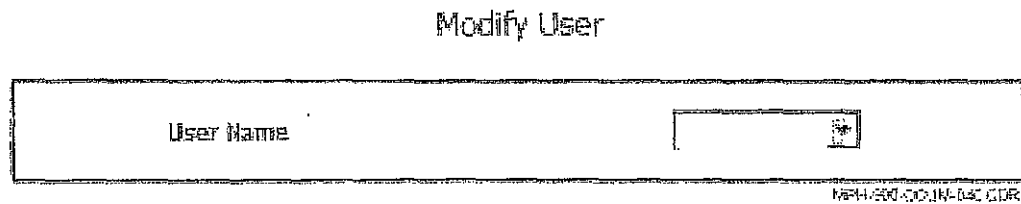


Figure 72 — Modify User Screen

Select the user to be modified and a screen similar to the one shown below in Figure 73 will appear. Note that from this screen the Personal Number and User Name cannot be changed. However, the Password, Description, and Role can be. For the appropriate Role, the following choices are currently available:

- Maintenance
- System Admin
- User Admin
- Manage Alarms, and
- User.

After the changes have been made and carefully reviewed, click “Save” to make the changes.

Modify User

User Name	<input type="text" value="cwymian"/>
Personal number	<input type="text" value="63"/>
User Name	<input type="text" value="cwymian"/>
Password	<input type="text"/>
Confirm Password	<input type="text"/>
Description	<input type="text" value="Chris Wyman"/>
Role	<input type="text" value="System Admin"/>

MPH-900-OCUM-041.CDR

Figure 73 — Sample of a User to be Modified

Referring to Figure 74, after the changes have been successfully made, the screen displays the message "User successfully modified!" If the user made changes to their own profile, they must first Logout and then Log'in for the changes to take effect.

Modify User	
User successfully modified!	
User Name	cwymán
Personal number	63
User Name	cwymán
Password	
Confirm Password	
Description	Chief Chris Wyman
Role	System Admin
<input type="button" value="Save"/>	
MPH-900-OCUM-003 CDR	

Figure 74 — User Successfully Modified Message

Users Log

Referring to Figure 75, when the user selects Users Log the Users Log Screen appears. The End Time defaults to the current date and time and the Start Time default to the day before. Although the Type and User windows normally initially appear without any information selected, Figure 75 shows the Type window open and a User Name already selected.

The following are explanation of the possible selections in the Type Window:

- All: All of the items listed in the window
- Debug: A type of error that indicative of a system fault
- Info: Information entries including Login, Find Alarms, etc.
- Warn: A warning that there was a problem with the system
- Error: Errors that occurred in the system, and
- Fatal: A fatal error that required attention and rectification.

Users Log

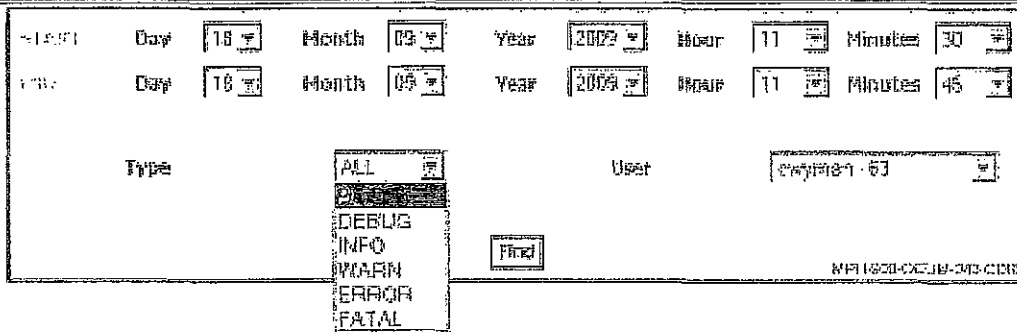


Figure 75 — Users Log Screen

Referring to Figure 76, this sample report was sorted for a single user. The various entries are listed with the oldest at the top and the most recent at the bottom to the report. At the very bottom of the report is an Export button. If the user chooses to export the file, a report similar to the one shown in Figure 77 appears. The user must use their Web browser's back button to return to the previous screen.

Log Information			
Type	User	Date	Message
1	Operator - 4B	2009/09/21 15:09:08	FIRST LOGIN
2	Operator - 4B	2009/09/21 15:09:08	LOGIN
3	Operator - 4B	2009/09/21 15:09:23	LOGIN
4	Operator - 4B	2009/09/21 15:09:43	Find Alarms
5	Operator - 4B	2009/09/21 15:14:14	Find Alarms
6	Operator - 4B	2009/09/21 15:20:13	Find Alarms
7	Operator - 4B	2009/09/21 15:20:53	Find Alarms
8	Operator - 4B	2009/09/21 15:24:38	LOGIN
9	Operator - 4B	2009/09/21 15:24:56	LOGIN
10	Operator - 4B	2009/09/21 15:25:40	Logout User
11	Operator - 4B	2009/09/21 15:25:45	Logout User
12	Operator - 4B	2009/09/21 15:26:02	LOGIN
13	Operator - 4B	2009/09/21 15:49:27	Add New User
14	Operator - 4B	2009/09/21 15:49:30	LOGIN

Figure 76 — Log Information Report

Type	User	Date	Message
39	Operator - 4B	9/23/2009 14:16	LOGIN
40	Operator - 4B	9/23/2009 14:16	Problem Reports
41	Operator - 4B	9/23/2009 14:18	LOGIN
42	Operator - 4B	9/23/2009 14:24	LOGIN
43	Operator - 4B	9/23/2009 16:53	LOGIN
44	Operator - 4B	9/24/2009 10:42	LOGIN
45	Operator - 4B	9/24/2009 17:27	LOGIN
46	Operator - 4B	9/24/2009 17:28	Find Alarms
47	Operator - 4B	9/24/2009 17:29	File Export
48	Operator - 4B	9/24/2009 17:29	File Export
49	Operator - 4B	9/24/2009 17:29	Find Alarms
50	Operator - 4B	9/24/2009 17:30	Find Alarms
51	Operator - 4B	9/25/2009 10:01	LOGIN
52	Operator - 4B	9/25/2009 10:02	Find Alarms
53	Operator - 4B	9/25/2009 10:37	Find Alarms
54	Operator - 4B	9/25/2009 10:39	File Export
55	Operator - 4B	9/25/2009 10:42	Find Alarms
56	Operator - 4B	9/25/2009 10:43	File Export
57	Operator - 4B	9/25/2009 11:22	File Export
58	Operator - 4B	9/25/2009 11:23	Export HTML file
59	Operator - 4B	9/25/2009 11:23	Export HTML file

Figure 77 — Exported Log Information Report

Add User

Referring to Figure 78, when the user selects Add User the Add New User Screen appears. Different user profiles specify permitted operations for classes of users. They are as follows:

- Maintenance
- System Administration
- User Administration
- Manage Alarms, and
- User.

When completing the fields in the Add New User Screen, the User Name is the Login name, which is normally an abbreviated or shortened name, the usually temporary password assigned should conform to the information detailed in the beginning of this manual. The description is the name that appears on the main screen when the user logs into the system (see "User name display" shown in Figure 14 on Page 23). The Role is to be assigned in accordance with the information above. After the information is carefully placed in each field, click Save.

NOTE: The system assigns the User Number, which is always the next available number. Once a user number has been assigned to a new user, it cannot be deleted.

Add New User

User Name

Password

Confirm Password

Description

Role

MPH-900-OCUM-04/08

Figure 78 — Add New User Screen

After the user has clicked Save, if the new entry is successful, the message "User Created Successfully!" is displayed (see Figure 79). At this point, the user should login as the user who was just created to ensure that the new user was successfully created and that the system recognizes the new user.

NOTE: When logging in as the new user the system will prompt the user to change the password.

Add New User	
User Created successfully!	
User Name	<input type="text" value="rhobbies"/>
Password	<input type="password" value="*****"/>
Confirm Password	<input type="password" value="*****"/>
Description	<input type="text" value="Lt Rose Hobbes"/>
Role	<input type="text" value="System Admin"/>
<input type="button" value="Save"/>	

MPH-900-OCUM-068 CIDR

Figure 79 — User Created Successfully Message



Chapter 8 — Software Management

Introduction



IMPORTANT: These are advanced functions that should only be used under the direction of your ELSAG EOC Administrator. They are for fixed cameras only.

By default, only Maintenance has the correct permissions to use these features. However, for smaller departments the System Administrator or other personnel may be better suited to use this feature. Permissions can be changed by the System Administrator to allow other users access to this feature by changing the roles Rolls Management/Modify Roles Menu feature.

Activate Camera SW

When the user selects Activate Camera SW, the screen shown in Figure 80 displays.

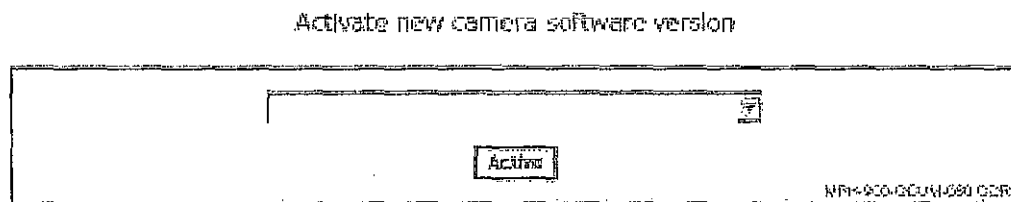


Figure 80 — Activate New Camera Software Version Screen

Activate Remote SW

When the user selects Activate Remote SW, the screen shown in Figure 81 displays.

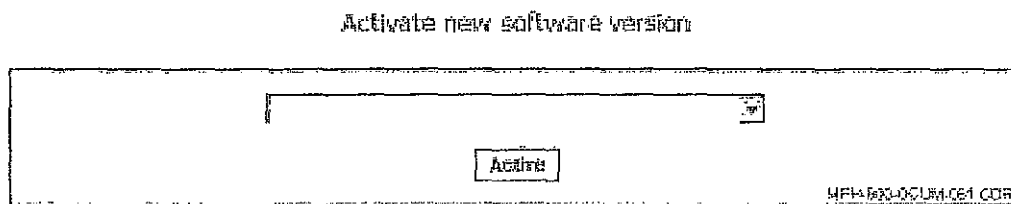


Figure 81 — Activate New Software Version Screen

Import SW Camera

When the user selects Import SW Camera, the screen shown in Figure 82 displays. The user may then click the Browse Button to locate the file and then click the Upload Button to begin the importation.

Import SW Camera

Version

Description

File name

MPH-900-OCUM-0507-08

Figure 82 — Import SW Camera Screen

Import SW Peripheral

When the user selects Import SW Peripheral, the screen shown in Figure 83 appears. The user may then click the Browse Button to locate the file and then click the Upload Button to begin the importation.

Import SW Peripheral

Version

Description

File name

MPH-900-OCUM-0507-08

Figure 83 — Import SW Peripheral Screen



Chapter 9 — Data Mining

Introduction

By default, only the System Administrator has the correct permissions to use these features. The available Data Mining functions explained in this chapter are Cross Search, and Nested & Convoy Search.

Cross Search

This function allows the user to cross check reads from two separate queries and determines "uniques" and duplicates. "Uniques" are reads (plate numbers) that are present in one query data set only. Duplicates are reads that are present in both data sets. The function is broken down into three sequential steps:

- In the first step, the first query parameters of the first data set are defined (this is like any other query, including cartographic criteria).
- In the second step, the second data set is defined.
- In the third step, uniques or duplicates are selected.
- The purpose of the function is to compare reads of the same area at different times. In this way, by checking the same parking lot for example on two different days, it is possible to roughly separate separate residents from visitors

Cross Search Step 1

When Cross Search is selected, the Cross Search Step 1 Screen shown in Figure 84 appears. The End Time defaults to the current date and time and the Start Time default to the day before.

The Reader section of the screen lists all readers in alphabetical order and the Transit Status is listed in the order shown in the figure. Standard Alarm Classes are 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw. If no alarm class is selected, all will be selected.

The Reader Window lists each of the vehicles and fixed cameras that are part of the system. The Transit Status Window includes the following categories:

- Deferred Alarm (alarm that timed out at the user end and no action was taken against it)
- Expired Alarm (alarm that was expired by the system, expiration time for a deferred alarm)
- Rejected Alarm (alarm that was rejected the user)
- Normal Transit (regular read from the vehicle or fixed camera)
- Pending Alarm (pending acknowledgement by the end user [usually fixed camera]), and
- Accepted Alarm (alarm that was accepted by the user).

□ Map Based Searches

Cartographic Tool

To use this embedded Java-based tool first check the Cartographic Tool and then click on Select Geographic Area feature. The map that appears is the default location for the client's system. The currently available map represents the geographical limit of the Query. This means that the query results are reads that happened within the limits of the map. The geographical criteria are used in conjunction with any other selected criteria (time, date, plate, state, etc.).

NOTE: If the user had searched for a location and used the back button in the Web application, the user can return to that map with the same location and scale as long as that Web application window has not been closed by the user. Closing the window or logging out of the system will return the map to the default setting. As an example, Manhattan Island in New York City was last viewed by this user (refer to Figure 40 on Page 43).

Geographic Coordinates

To use the Geographic Coordinates feature first check Geographic Coordinates and then fill in the Latitude, Longitude, and Radius (in Miles) values. However, the user must know the correct latitudinal and longitudinal coordinates that will be used to locate the center of the map.

Cross Search
Step 1

Start	Day	15	Month	03	Year	2003	Hour	18	Minutes	15
End	Day	15	Month	03	Year	2003	Hour	16	Minutes	30
License Plate					State					
Reader	<ul style="list-style-type: none"> Blue Cross Vic Chaska Demo 1 Chaska Demo 2 Chaska Demo 3 Chaska Demo 4 Cisco Certsystem Frank 2 Green Alarm Green Cross Vic Lab 				Transit status	<ul style="list-style-type: none"> Default Alarm Expired Alarm Rejected Alarm Normal Transit Pending Alarm Accepted Alarm 	Alarm Class			
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> Cartographic Tool Select Geographic Area </div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;"> <p style="text-align: center;">Geographic Coordinates</p> Latitude <input type="text"/> Longitude <input type="text"/> Radius <input type="text"/> (Miles) </div>										
System Step 2 Step 3										

MPH-900-OCUM-008 CDR

Figure 84 — Cross Search Step 1 Screen

Cross Search Step 2

After completing the parameters of the Cross Search Step 1 Screen, click on the Step 2 button at the bottom of the screen to advance to the Cross Search Step 2 Screen. With the exception of the screen's title, this screen is identical to the Cross Search Step 1 screen (see Figure 84). Complete the parameters of this screen and then click on Step 3 at the bottom of the screen.

Map Based Searches

Cartographic Tool

To use this embedded Java-based tool first check the Cartographic Tool and then click on Select Geographic Area feature. The map that appears is the default location for the client's system. The currently available map represents the geographical limit of the Query. This means that the query results are reads that happened within the limits of the map. The geographical criteria are used in conjunction with any other selected criteria (time, date, plate, state, etc.).

NOTE: If the user had searched for a location and used the back button in the Web application, the user can return to that map with the same location and scale as long as that Web application window has not been closed by the user. Closing the window or logging out of the system will return the map to the default setting. As an example, Manhattan Island in New York City was last viewed by this user (refer to Figure 40 on Page 43).

Geographic Coordinates

To use the Geographic Coordinates feature first check Geographic Coordinates and then fill in the Latitude, Longitude, and Radius (in Miles) values. However, the user must know the correct latitudinal and longitudinal coordinates that will be used to locate the center of the map.

Cross Search Step 3

After completing Cross Search Step 1 and Cross Search Step 2, the user clicks Step 3 (see above in *Cross Search Step 2*) and a screen similar to the one shown in Figure 85 appears.

Query 1

START	16/09/2009 10:30
END	17/09/2009 10:45

Query 2

START	16/09/2009 10:30
END	17/09/2009 10:45

Show Images Preview

Unique in first

Unique in second

Duplicales

Step 1

Step 2

MPH-900-OCUM-C08 CLR

Figure 85 — Cross Search Step 3 Screen

Nested & Convoy Search

When Nested & Convoy Search is selected, the Nested & Convoy Search Query Reads Screen shown in Figure 86 appears. The End Time defaults to the current date and time and the Start Time default to the day before.

In Nested Search, the results of this special query have the plate field turned into a hyperlink. By hitting the hyperlink, all the instances of that specific plate in the database are shown. In Convoy Search, clicking on the Convoy Icon causes a new window to open. This window shows the selected read highlighted in green and number of vehicles preceding and the number following the selected one.

This view should help in the identification of convoys, that is, groups of vehicles always traveling together.

The Reader section of the screen lists all readers in alphabetical order and the Transit Status is listed in the order shown in the figure. Standard Alarm Classes are 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw. If no alarm class is selected, all will be selected.

The Reader Window lists each of the vehicles and fixed cameras that are part of the system. The Transit Status Window includes the following categories:

- Deferred Alarm
- Expired Alarm
- Rejected Alarm
- Normal Transit
- Pending Alarm, and
- Accepted Alarm.

Query Reads

The screenshot shows a web application interface for querying reads. At the top, there are two rows of date and time pickers. The first row has Day: 30, Month: 09, Year: 2009, Hour: 11, Minutes: 45. The second row has Day: 01, Month: 10, Year: 2009, Hour: 12, Minutes: 00. Below these are fields for License Plate and State. A 'Reader' dropdown menu is open, showing a list of names: Jason, Joe Bousis, Shen, Steven Hedley, and Tony Roberts. To the right of the reader list is a 'status' dropdown menu with options: Deleted Alarm, Expired Alarm, Rejected Alarm, Normal Transit, Pending Alarm, and Archived Alarm. Below the reader and status menus is a 'Select Geographic Area' button. Underneath that is a 'Geographic Coordinates' section with input fields for Latitude, Longitude, and Radius (Miles). At the bottom left is a 'First' button and a checkbox for 'Show Unavailable Reads'. At the bottom right is the text 'MPH-900-OCUM-001'.

Figure 86 — Nested & Convoy Search Query Reads Screen

□ Map Based Searches

Cartographic Tool

To use this embedded Java-based tool first check the Cartographic Tool and then click on Select Geographic Area feature. The map that appears is the default location for the client's system. The currently available map represents the geographical limit of the Query. This means that the query results are reads that happened within the limits of the map. The geographical criteria are used in conjunction with any other selected criteria (time, date, plate, state, etc.).

NOTE: If the user had searched for a location and used the back button in the Web application, the user can return to that map with the same location and scale as long as that Web application window has not been closed by the user. Closing the window or logging out of the system will return the map to the default setting. As an example, Manhattan Island in New York City was last viewed by this user (refer to Figure 40 on Page 43).

Geographic Coordinates

To use the Geographic Coordinates feature first check Geographic Coordinates and then fill in the Latitude, Longitude, and Radius (in Miles) values. However, the user must know the correct latitudinal and longitudinal coordinates that will be used to locate the center of the map.



Chapter 10 — Parameters Management

Introduction

By default, only the System Administrator has the correct permissions to use these features, which are used to configure the entire system. These include Parameters Management and Email Address Alarms.

Parameters Management

Referring to Figure 87, when the user selects Parameters Management, the Change Parameters Screen appears.

Change Parameters		
PARAMETER NAME	DESCRIPTION	VALUE
ALARMS_DURATION_DAYS	Days before alarms data deletion	365
ALERT_PASSWORD_DURATION_DAYS	Days for expiration password notification	15
CONVOY_SEARCH_LENGTH	Number of vehicles in convoy search	15
DATABASE_VERSION	Database version number	2.15.2
DEFAULT_LANGUAGE	Default language	en_US
DEFERRED	Delay time limit for pending alarms. If exceeded the alarm becomes deferred (minutes)	60
EMAIL_DIAG_SUBJECT	e-mail subject for trouble notification	Trouble Notification
EMAIL_HOT_ALARM_SUBJECT	e-mail subject for hot alarm notification	LPR Alarm
EXPIRED	Expiration time for pending alarms (minutes)	60
IMAGE_BASE_PATH	Base path for images files	C:\OperationalCenter\
LAST_LOGIN_DURATION_DAYS	Days spent since the last successful login	20
LOGS_DURATION_DAYS	Days before logs data deletion	365
MAIL_SENDER_ADDRESS	Mail sender email address	ELSAG@ELSAGIA.COM
MAIL_SERVER	Mail server address or hostname	SMTP.COMCAST.NET
MODE	Law enforcement or ATL system	SECURITY
NUM_MAX_PWD_ERROR	number of error before password lock	5
QCRS_VERSION	QCRS version number	2.15.2
POST_HIT_DURATION_DAYS	Days for post-hit analysis research	300
RADIUS_LENGTH_UNIT	Miles	Miles
SHOW_PERSONAL_NUMBER	Show personal number (if true)	False
SOGLA_SEVERITY_EMAIL	level of severity required for e-mail notification.	5
STATISTICS_DURATION_DAYS	Days before statistics data deletion	180
TRANSITS_DURATION_DAYS	Days before transits data deletion	1000

Parameter

Figure 87 — Change Parameters Screen

This section displays the system parameters of the EOC. Here the user may make changes on an as-needed basis, for example changing the retention period of the transits, alarms and statistics. If available on the user's network, the user can also specify a mail server for sending alarm and diagnostic emails.

NOTE: Some elements are not configurable.

When the user clicks on the Parameter Window, the selection of parameters to choose from appears (see Figure 88). These parameters appear in the same order as in the report above them.

To change any of the parameters, first select in from the Parameter Window and then enter the replacement value and then click Save. To escape from this window without changing and saving any changes, click on another feature in the Main Menu.

ALARMS_DURATION_DAYS
ALERT_PASSWORD_DURATION_DAYS
CONVOY_SEARCH_LENGTH
DATABASE_VERSION
DEFAULT_LANGUAGE
DEFERRED
EMAIL_DIAG_SUBJECT
EMAIL_HOT_ALARM_SUBJECT
EXPIRED
IMAGE_BASE_PATH
LAST_LOGIN_DURATION_DAYS
LOGS_DURATION_DAYS
MAIL_SENDER_ADDRESS
MAIL_SERVER
MODE
NUM_MAX_PWD_ERROR
OCRS_VERSION
POST-HIT_DURATION_DAYS
RADIUS_LENGTH_UNIT
SHOW_PERSONAL_NUMBER
SOGLIA_SEVERITY_EMAIL
STATISTICS_DURATION_DAYS
TRANSITS_DURATION_DAYS

Value

MPH-900-OCUM-097 CLR

Figure 88 — Parameters Selection Window

Email Address Alarms

When the user selects Email Address Alarms the screen shown in Figure 89 appears. This screen can be used either to add a new email address or to modify an existing email address.

Add New Email Address Alarms

All existing entries will be displayed in the Email Addresses Window. To add a new email address alarm first enter the correct email address in the Email Window and then assign an appropriate Alarm Class before clicking on Save. To escape from this window without changing and saving any changes, click on another feature in the Main Menu.

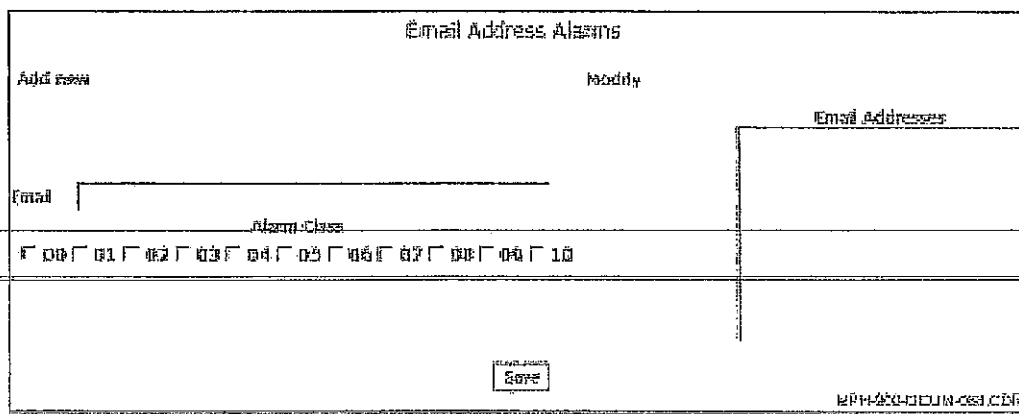


Figure 89 — Email Address Alarms Screen (Add New)

Referring to the numbered boxes in Figure 89, the numbers correspond to the following Standard Alarm Classes: 00 – Alarm, 01 – Stolen Vehicle, 02- Wanted Person, 03 – Stolen Plate, 04 – Suspended or Revoked License Plates, 05 – Scofflaw, 06 – Stolen Out (of) State, 07 – Violent Gang (Member), 08 – Sexual Offender, 09 – Other, and 10 – Tax Scofflaw.

Modify Email Address Alarms

The existing email addresses will be displayed in the Email Addresses Window. Select the desired email address, modify it as desired and then click Modify to save the changes. The user can also delete the email address from the system. To escape from this window without changing and saving any changes, click on another feature in the Main Menu.

NOTE: Referring to Figure 90, the system will only see alarms checked when an email address is selected.

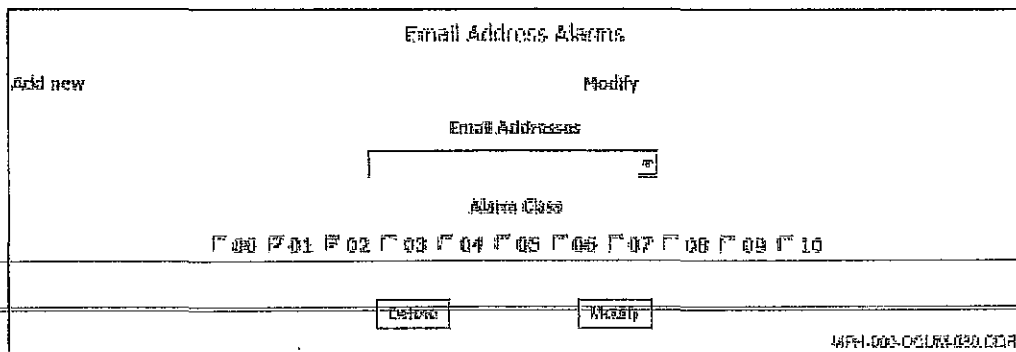


Figure 90 — Email Address Alarms Screen (Modify)



Chapter 11 — Roles Management

Introduction

By default, only the System Administrator has the correct permissions to use these features, which are used to add and modify what functions and features a particular type of user can access. Add/Delete Functions is similar but goes into more detail about which individual functions a particular class of user can access. These additional functions have not been discussed before in this manual (refer to the *Add/Delete Functions* section that follows on Page 85).

Add Role

Referring to Figure 91, beyond the default users, i.e., Maintenance, System Admin(istrator), User Admin(istrator), Manage Alarms, and User, this feature can be used to add an additional user class.

MPH-900-OCUM-001.GDR

Figure 91 — Create New Role Screen

Referring to Figure 92, the new role of "Divisional Supervisor" was entered in the Role Name Window.

MPH-900-OCUM-001.GDR

Figure 92 — Create New Role Example

Modify Roles Menu

Referring to Figure 93, when the user selects Modify Roles Menu the screen shown below appears. The user then selects the appropriate role, i.e., Maintenance, System Admin(istrator), User Admin(istrator), Manage Alarms, or User.

Modify Roles Menu

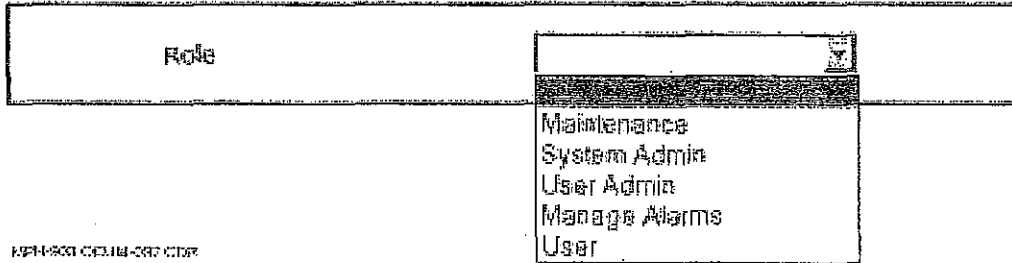


Figure 93 — Modify Roles Menu Screen

Referring to Figure 94, the user has selected to modify the User role. On the left side of the screen are the functions that the user is already permitted to access. On the right side of the screen are the additional system functions that the System Administrator may permit the user to access. In addition, clicking on each function heading will open that item to allow the System Administrator to verify what functions the user will then be allowed to use. Clicking Add will add those functions to the left side of the window. The System Administrator may also click the Remove button to remove selected functions. If a function is already permitted for that particular role, the message "Attention, menu already exist for this role!" will display. If a function is removed, the message "Menu correctly deleted!" appears to confirm the removal.

User

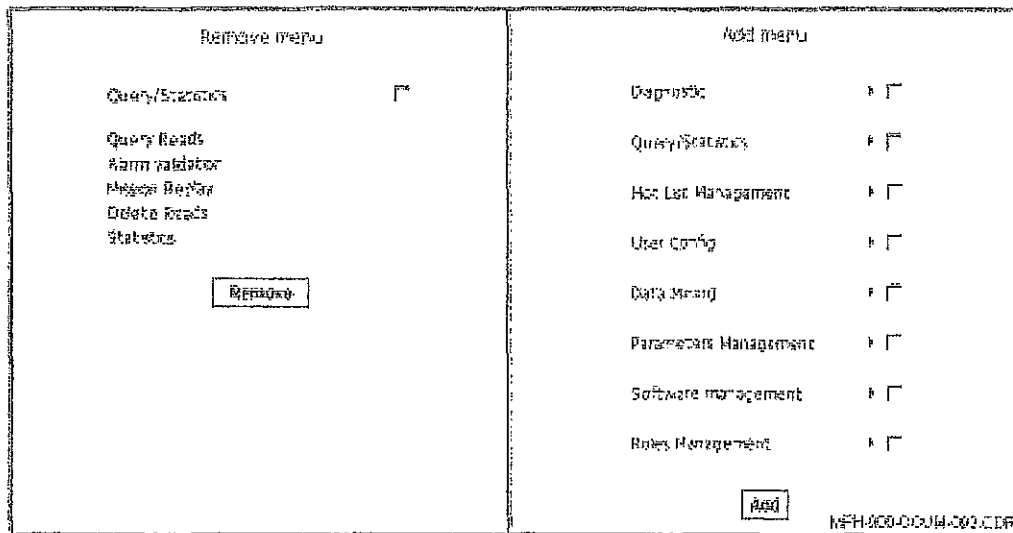


Figure 94 — Modify Roles (User Example)

Add/Delete Functions

This feature is very similar to Modify Roles Menu, however, it also allows the System Administrator to allow a user class or role, additional functionality. These include the following:

- | | | |
|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Activate Remote SW | <input type="checkbox"/> Activate camera SW | <input type="checkbox"/> Delete Reads |
| <input type="checkbox"/> Deletion | <input type="checkbox"/> Delete Reads | <input type="checkbox"/> Delete Reads to Validate |
| <input type="checkbox"/> Delete Exported Reads | <input type="checkbox"/> Delete Validated Reads | <input type="checkbox"/> Users Log |
| <input type="checkbox"/> View White List | <input type="checkbox"/> Add/Delete Functions | <input type="checkbox"/> Time Marks |
| <input type="checkbox"/> Copy and paste | <input type="checkbox"/> Create | <input type="checkbox"/> Manual Trouble insertion |
| <input type="checkbox"/> Add Role | <input type="checkbox"/> Add User | <input type="checkbox"/> Cross search |
| <input type="checkbox"/> Holidays | <input type="checkbox"/> Diagnostic Applet | <input type="checkbox"/> Delete Scheduled Configuration |
| <input type="checkbox"/> Export | <input type="checkbox"/> Font Crystal | <input type="checkbox"/> Trouble Management |
| <input type="checkbox"/> Parameters Management | <input type="checkbox"/> Permissions from file | <input type="checkbox"/> Manual Permissions |
| <input type="checkbox"/> Typical DAYS Schema | <input type="checkbox"/> Import local HL | <input type="checkbox"/> Import Extern HL |
| <input type="checkbox"/> Hot List Import Status | <input type="checkbox"/> Hot list Import Status history | <input type="checkbox"/> Import SW Peripheral |
| <input type="checkbox"/> Import SW Camera | <input type="checkbox"/> Insert Delete HL | <input type="checkbox"/> Times Intervals |
| <input type="checkbox"/> Mission Replay | <input type="checkbox"/> Change Configuration | <input type="checkbox"/> Modify Roles Menu |
| <input type="checkbox"/> Modify User | <input type="checkbox"/> Nested & Convoy Search | <input type="checkbox"/> Post hit analysis |
| <input type="checkbox"/> Send to gate | <input type="checkbox"/> Query Reads LTZ | <input type="checkbox"/> Query Reads |
| <input type="checkbox"/> Export Hot List | <input type="checkbox"/> Statistics | <input type="checkbox"/> Statistics LTZ |
| <input type="checkbox"/> All Reads Fined | <input type="checkbox"/> All Reads | <input type="checkbox"/> Test GIS |
| <input type="checkbox"/> Alarm validation | <input type="checkbox"/> Validate Transits | <input type="checkbox"/> Gates |
| <input type="checkbox"/> View | <input type="checkbox"/> View Import Result | <input type="checkbox"/> Show Hot List |

From: Keith Hale
Sent: Thursday, August 09, 2012 5:16 PM
To: Dawn Layman
Subject: ELSAG equipment

Car #55
Cameras are s/n GSPBA0003, 2501722 and 1601147
Control box s/n are PB 10416 and PB25545

Car #53
Cameras are s/n 2501191, 2500380 and 1601018
Control box s/n are PB 20198 and PB 10159

Keith Hale
Technical Specialist II
Lenexa Police Department
12500 West 87th Street Parkway
Lenexa, KS 66215
Phone: (913) 477-7331
Fax: (913) 438-4322
khale@lenexa.com

ELLEN T. HANSON-CHIEF OF POLICE



12500 WEST 87TH STREET PARKWAY
LENEXA, KANSAS 66215
OFFICE-913-477-7300
FAX-913-888-8690

July 14, 2011

Colonel Terrance Sheridan
Maryland State Police
1201 Reisterstown Rd.
Pikesville, MD 21208

~~RE: ELSAG License Plate Reader Covert 'Thule' System~~

Colonel Sheridan,

One of my Command Staff Officers, Lieutenant Dawn Layman, recently had the occasion to meet Sergeant Julio Valcarcel Jr. of your agency at the IACP LEIM Conference in San Diego. Lt. Layman oversees our LPR program. During conversations with Sergeant Valcarcel she learned that your agency had an ELSAG LPR 'Thule' system. However, due to a format change of the Maryland license plate to 'stacked' characters the equipment had virtually become an obsolete piece of equipment to your agency.

The Lenexa Police Department respectfully requests the opportunity to acquire the retired ELSAG LPR 'Thule' system and as such will accept financial responsibility for shipping/transport. If you agree, Lt. Dawn Layman will be the point of contact for our agency and will be able to make any necessary arrangements for the system to be acquired from your agency.

I can assure you that these retired components will be put to good use in our agency as it will assist us in furthering the goals of our LPR program. We look forward to hearing from you.

Sincerely,

A handwritten signature in cursive script that reads "Ellen T. Hanson".

Ellen T. Hanson, Chief of Police
Lenexa Police Department

Exhibit 3

SECTION VII

STATEMENT OF SURPLUS PROPERTY UTILIZATION BY A LOCAL SUBDIVISION OR NON-PROFIT ORGANIZATION

The agency named below certifies that the items listed on the accompanying Excess Property Declaration (DGS-950-9) are excess to this agency.

Donating Agency: _____

Property Officer: _____ Date: _____

The recipient of Maryland State Surplus Property listed below, certifies that the property listed on the accompanying Excess Property Declaration (DGS 950-9):

- 1. Will be used for filling a specific need in the recipient's program, and for no other purpose.
- 2. Is on an "as is," "where is" basis, without warranty of any kind.

The recipient also certifies that funds are available to pay all costs and charges incident to the transaction, if any, and that these costs and charges will be paid promptly.

Recipient Organization: LENEXA POLICE DEPARTMENT

Address: 12500 W. 87TH ST. PKWY., LENEXA, KS 66215

Signature: *Dan M. Payne*

Title: LIEUTENANT

Date: 1/5/12

The recipient must provide on their own letterhead documentation stating the services that the organization provides and what the intended use of the property will be.

Non-Profit Organizations must provide written verification of their tax exempt status from the Internal Revenue Service.

REVISED 7/99

Kansas Department of Revenue Sales and Use Tax Entity Exemption Certificate

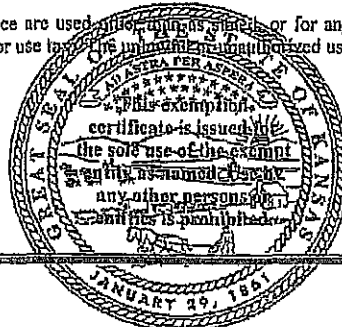
The Kansas Department of Revenue certifies this entity is exempt from paying Kansas sales and/or compensating use tax as stated below.

Kansas Exemption Number: KSE2C55NQW

Expiration Date: 1/01/2014

The tax-exempt entity understands and agrees that if the tangible personal property and/or service are used in a non-exempt use or for any purpose that is not exempt from the tax, the tax exempt entity is liable for the state and local sales or use tax. The unauthorized use of this certificate is expressly prohibited, punishable by fine and/or imprisonment.

City of Lenexa
12350 W 87th Pkwy
PO Box 14888
Lenexa, KS 66285



EXEMPT ENTITY INFORMATION:

Authorization and scope

- K.S.A. 79-3606(b) & (d) - State of Kansas, political subdivisions of the state of Kansas (Kansas cities, counties, townships, special districts), nonprofit hospitals, and blood, tissue, or organ banks.
- Exemption applies to all direct purchases, rental or lease of tangible personal property and services, except purchases of goods for human habitation or purchases made for any business activity specifically taxable, and indirect purchases by a contractor for a real property project except as noted below.

Limitations

- Only direct purchases are exempt through the use of this certificate.
- Except for state government, this entity qualifies for exemption on indirect purchases by a contractor through the issuance of a Project Exemption Certificate (PEC). Apply on-line at KDOR's web site: www.ksrevenue.org. The only State of Kansas agency allowed a PEC is a Kansas correctional institution. Indirect purchases by all other state agencies are subject to sales tax.
- This exemption does not apply to the purchase of any construction machinery, equipment or tools used in the constructing, maintaining, repairing, enlarging, furnishing or remodeling facilities for the exempt entity.
- Subject to sales tax are purchases of capital goods used for human habitation (i.e. residential housing and dormitories) to include materials for construction, remodeling or repair and furnishings such as beds, curtains, desks and furniture. Labor services on residential housing and dormitories are exempt as residential construction.
- All purchases of goods and services used in a business that is specifically taxable by the Sales Tax Act are subject to tax. This includes operation of a utility, restaurant, and selling of goods or services at retail.

Dana Simms
Exempt Entity Authorized Signature (Officer, Office Manager or Administrator)
Dana Simms, Accountant | City of Lenexa, KS
Printed Name

48-6085044
Federal ID Number
08/06/2009
Date

RETAILER INFORMATION:

- To qualify for exemption, the certificate must have an expiration date in the future and be signed by an authorized individual.
- Payment must be made by the entity on their checking account or on a credit/debit card issued to the entity. Acceptance of cash, personal checks, or personal credit/debit cards is not allowed for a tax exempt purchase.
- The entity must have a Kansas exemption certificate. Exemption certificates issued by other states are not valid in Kansas.
- Retailers are required to maintain a copy of the purchaser's certificate in their records for at least 3 years from the date of purchase. Retailers must maintain a current certificate on file.
- Selling tax exempt goods or services that are not exempt by statute may result in the assessment of tax.
- A completed certificate may be used as a blanket exemption for future purchases when of the same type and for the same exempt purpose.

Maryland State Police
Seller's name and address
Misc.
Description of goods and/or services purchased

For additional information on Kansas sales and use taxes see Publication KS-1510, *Kansas Sales Tax and Compensating Use Tax* and Publication KS-1520, *Kansas Exemption Certificates*, located at: www.ksrevenue.org. Questions would be directed to Taxpayer Assistance at 785-368-8222.

PR-78KS
(07/09)

MPH-900® QUICK REFERENCE GUIDE



To start the MPH-900 Automatic License Plate Reader, click desktop icon then click the eye

Image Adjustment (only on alarms)

Last 6 Reads Displayed

Status Indicators

Alarms- click for details on last alarms

Diagnostics- live mode to adjust cameras

Last Hotlist Load Date

Operations- manual plate check, reports or hotlist insert

Red button- STOPS reader

Magnified Plate Read

Setup- turn beep on/off

It can take 2 minutes for the system to start once the car is started.

Alarm	Reads	Alarms
M-01	8DXA34 HD 13:18:12	M-01 8DXA34 MD 13:16:08
M-01	UTE93T HJ 13:17:42	
M-01	JHCJ1 7 13:17:42	
M-00	DRP8074 HV 13:17:36	
M-01	CWE9610 HV 13:17:19	
M-01	CNM4S22 HV 13:17:06	

Search for partial plates.

It is possible to perform wildcard searches to find out plates compatible with partial information. The wildcard characters are:

- % corresponds to * (every substring of any length)
- _ means any single character
- [ab] means either a or b

Examples:

XYZ% search for every plate starting with XYZ of any length.

X_Z search for plates of length 3 with any character in the middle position

X[WY]Z search for either XWZ or XYZ

LPR Notes:

Overview:

The identification of stolen vehicles, stolen license plates, wanted and missing persons, suspended tags and furtherance of criminal investigation are the primary focuses of the LPR Program. LPR technology uses specialized cameras and computers to quickly capture large numbers of license plate photographs and compares them to the hot list (NCIC, ALERT/REJIS, KDOR, PRISM). LPR systems can identify a target plate within seconds of contact with it, allowing law enforcement to identify vehicles that may otherwise be overlooked. LPR systems also record every license plate they scan and record the location (using GPS coordinates), date and time of each license plate read. The technology is available in mobile systems, which are mounted on police vehicles, and fixed camera systems that can be mounted on poles or on the roadside. Mobile LPR systems are designed to allow officers to patrol at normal speeds while the system reads license plates with which they come into contact and alerts them if there is a match to a hot list.

General Guidelines:

The LPR system is only to be used as an investigative tool; confirmation of an alarm is mandatory prior to a stop.

LPR equipment provides access to stolen and wanted files and is also used in furtherance of criminal investigations. The use of LPR systems and access to its data requires a legitimate law enforcement purpose.

No employee may use or authorize the use of the equipment or database records in any situation that does not involve a legitimate law enforcement purpose.

An alarm alone does not establish probable cause; the alarm must be confirmed prior to taking any enforcement action. Prior to taking any enforcement action, personnel who receive an alarm will provide the information to the Communications Unit or conduct a query on the MDT.

Questions should be directed to Lt. Dawn Layman or MPO Dave Wilson. Any damage or maintenance issues should be reported through PD Help.

Lenexa Police Department
Class Attendance Report

Tech Updates - Windows 7 / ELSAG / VieVu / L3 (24)

Employee	I.D.	Date	Hours	Score	Status
Befort, James B.	0903	8/17/2011	2.50		Completed
Beyer, Alan	3830	8/15/2011	2.50		Completed
Bogart, Greg	3352	8/24/2011	2.50		Completed
Borchers, Wade	3581	8/17/2011	2.50		Completed
Böwen, Bourke A.	7710	8/16/2011	2.50		Completed
Brock, Jeffrey M.	1005	8/17/2011	2.50		Completed
Bryant, Scott	2786	8/17/2011	2.50		Completed
Burris, Karl	2029	8/16/2011	2.50		Completed
Bussell, Laura K.	0806	8/24/2011	2.50		Completed
Camarin, Henry	2824	8/15/2011	2.50		Completed
Chavez, Danny	3491	8/17/2011	2.50		Completed
Cogswell, Christopher M.	0701	8/17/2011	2.50		Completed
Cortright, Bret S.	0814	8/15/2011	2.50		Completed
Cewen, Matthew L.	3707	8/15/2011	2.50		Completed
DeWitte, Scott	8018	8/24/2011	2.50		Completed
Eads, Kelly M.	1002	8/17/2011	2.50		Completed
Farris, Fred J.	5387	8/16/2011	2.50		Completed
Fitch, Jeff	6666	8/17/2011	2.50		Completed
Ford, Ryan	1695	8/15/2011	2.50		Completed
Friesen, Dan	3488	8/15/2011	2.50		Completed
Giles, Ryan	2345	8/16/2011	2.50		Completed
Gonzalez, Noe J.	1004	8/17/2011	2.50		Completed
Graniewski, Gary	9804	8/24/2011	2.50		Completed
Grigsby, Steve	5112	8/16/2011	2.50		Completed
Grisell, Michael S.	0706	8/17/2011	2.50		Completed
Gross, Michael J.	9994	8/15/2011	2.50		Completed
Hagedorn, Tonya	9277	8/15/2011	2.50		Completed
Hamm, Timothy C.	1001	8/17/2011	2.50		Completed
Hanson, Ellen T.	4953	8/15/2011	2.50		Completed
Harris, James E.	7027	8/17/2011	2.50		Completed
Hartzler, Jeff	5798	8/15/2011	2.50		Completed
Hayes, Heather L.	0803	8/16/2011	2.50		Completed
Hefley, Marcus	0901	8/17/2011	2.50		Completed
Hinkle, Jason P.	0707	8/15/2011	2.50		Completed
Hongslo, Thomas	8126	8/15/2011	2.50		Completed
Keeney, Brian	3299	8/17/2011	2.50		Completed
Kimball, Jacy L.	0904	8/17/2011	2.50		Completed
King, Tim K.	2437	8/15/2011	2.50		Completed
Kneuper, Elizabeth I.	1101	8/17/2011	2.50		Completed

Lenexa Police Department
Class Attendance Report

Tech Updates - Windows 7 / ELSAG / VieVu / L3 (24)

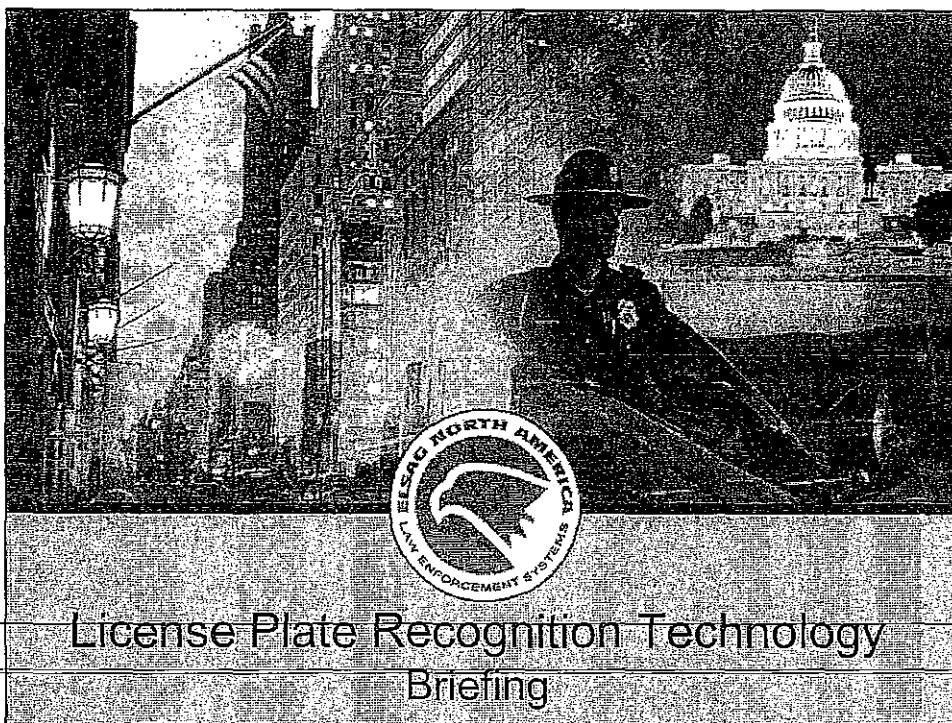
Employee	I.D.	Date	Hours	Score	Status
Krone, Donald	2317	8/16/2011	2.50		Completed
Lafary, Kelly	4662	8/15/2011	2.50		Completed
Leeper, Shannon	1508	8/15/2011	2.50		Completed
Marshall, Phillip J.	1548	8/16/2011	2.50		Completed
Martens, Brad	6757	8/17/2011	2.50		Completed
Martin, Jace	5707	8/17/2011	2.50		Completed
McCombs, William S.	0450	8/16/2011	2.50		Completed
Mendoza, Diana	4970	8/24/2011	2.50		Completed
Meyer, Perrin	1345	8/16/2011	2.50		Completed
Murphy, Shannon	6478	8/17/2011	2.50		Completed
Oliver, Paul L.	9913	8/17/2011	2.50		Completed
Owsley, Dan	6408	8/17/2011	2.50		Completed
Pennington, Aaron	7019	8/15/2011	2.50		Completed
Peterson, Elizabeth J.	2765	8/17/2011	2.50		Completed
Rader, James	3027	8/15/2011	2.50		Completed
Redding Jr., Garry L.	7322	8/16/2011	2.50		Completed
Richards, Jay	8939	8/16/2011	2.50		Completed
Rodlund, Dave	5052	8/16/2011	2.50		Completed
Rogers, Meghan J.	0804	8/16/2011	2.50		Completed
Rushton, Brett	3063	8/16/2011	2.50		Completed
Sadrakula, Mike	0769	8/16/2011	2.50		Completed
Sanderson, Robert	6280	8/16/2011	2.50		Completed
Schluben, Bob	1198	8/17/2011	2.50		Completed
Schmitz, Eric	4459	8/16/2011	2.50		Completed
Schopfer, Justin	9806	8/15/2011	2.50		Completed
Schuett, Michael	7117	8/17/2011	2.50		Completed
Seay, Todd	5127	8/16/2011	2.50		Completed
Smith, Calvin E.	8794	8/17/2011	2.50		Completed
Smith, Christopher A.	0902	8/15/2011	2.50		Completed
Stigall, Virgel	3858	8/17/2011	2.50		Completed
	3858	8/16/2011	2.50		Completed
Stockton, Joe L.	0808	8/16/2011	2.50		Completed
Sumner, Ryan	2606	8/15/2011	2.50		Completed
Swihart, Gale	6627	8/16/2011	2.50		Completed
Tims, Eric	4975	8/15/2011	2.50		Completed
Vajen, Nicholas J.	0813	8/16/2011	2.50		Completed
Warren, Alisha L.	0811	8/16/2011	2.50		Completed
Watts, Ben	9500	8/15/2011	2.50		Completed
Wayne, Jennifer	7510	8/17/2011	2.50		Completed

**Lenexa Police Department
Class Attendance Report**

Tech Updates - Windows 7 / ELSAG / VieVu / L3 (24)

Employee	I.D.	Date	Hours	Score	Status	
Weber, Curtis M.	0905	8/17/2011	2.50		Completed	
Weigel, Kurt	5668	8/16/2011	2.50		Completed	
Whitcomb, Jarrod R.	0703	8/15/2011	2.50		Completed	
Wickizer, Debra K.	6989	8/16/2011	2.50		Completed	
Wilson, Dave R.	1905	8/16/2011	2.50		Completed	
Wright, Steve	1888	8/16/2011	2.50		Completed	
Totals:	84	Pass / Complete	0	Canceled	0	Registered
	0	Failed	0	No Show	0	Wait List
	0	Incomplete	0	Dismissed	0	Instructed

(Archived employees are not included)



WHO WE ARE.
ELSAG North America Law Enforcement Systems



- The Company *formerly* known as Remington ELSAG
- A Division of Finmeccanica, a global leader in defense technology
 - Headquartered in Brewster, NY
 - All manufacturing in Greensboro, NC
- Years of experience and rapid market adoption
 - First introduced in Italy 10 yrs. ago/expanded throughout Europe by Finmeccanica
 - Introduced to US market 4 years ago
- Market Leadership
 - Focus on Service Excellence; 24/7 Customer Support
 - Innovation leadership
 - Depth and Breadth of Mission
 - Nearly 500 agencies in 32 states

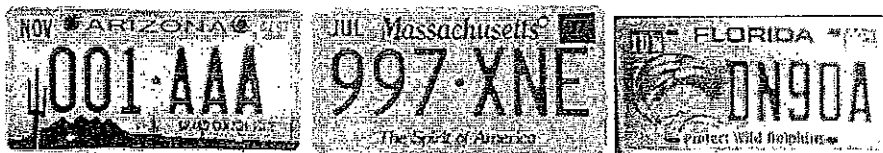


WHAT WE DO: We Read License Plates...

Any Kind. Anywhere. Anytime



- All License Plates are **NOT** Created Equal
- The Magic is in the Details that Can Make **All** the Difference in Results



- High performance levels of the OCR algorithms achieved through customization using both proprietary software development and parameter optimization

The ELSAG Mobile Plate Hunter--MPH-900



Camera Range & Performance

- Operates 120 MPH passing and closing speeds
- Able to read 15 plates/second
- *Works day or night, in any kind of weather*
- **Only** ALPR that reads plates from **all** 50 states—day & night, including flat and red character plates
- *Performs ambiguous searches to improve accuracy*
- Alerts within milliseconds if a vehicle is suspect
- *Features multi-level alarm levels for prioritization—Wants, Warrants, Amber Alerts etc.*
- Can be configured with a variety of different camera ranges
- *Can be configured to remotely alarm to an email recipient*
- Can operate with data from different sources and be updated on the fly

COMPANY CONFIDENTIAL

Why LPR is Mission Critical



70% of all criminal activity in US involves vehicles

- Border Control
- Drug and Human Trafficking
- Carjacking and other felony offenses



An estimated 40 million license privileges are revoked, suspended or denied for serious traffic violations
(NHTSA)

"It was DNA 10 years ago; LPR is the **NEXT** Revolution in Policing..."

Dr. Stanley Erickson, National Institute of Justice

MPH-900: YOUR MISSION... IS OUR MISSION



Interdiction

- Auto recovery
- Amber Alerts
- Wants/Warrants
- Traffic Violations
- Drug Seizures

Intelligence

- Tracking Organized Crime/Racketeering
- Persons of Interest
- Crime Scene Investigations
- Terrorist Watch/Homeland Security Investigations

Income

- Parking Scofflaws
- Tax Collection

"Working with the MPH-900... *is like fishing with dynamite*... It's tremendous."

--Arizona DPS Director Roger Vanderpool

Intelligence Gathering for the War on Terror: New York City



Lower Manhattan Security Initiative Uses MPH-900 Fixed Location Cameras

- Ring of Steel protecting Financial District
- Dignitary security
- Integrated with Mobile Units
- Special Event Coverage
(ex. Times Square, New Year's Eve)



Intelligence Case Study: NY State Police



Fishkill Family of 5 Murdered

Husband, Wife, Children—12, 9 & 6

State Police Patrol MPH-900 unit identified suspect plate near time/place of crime

- 1st time used in evidence in criminal proceeding
- Both defendants convicted

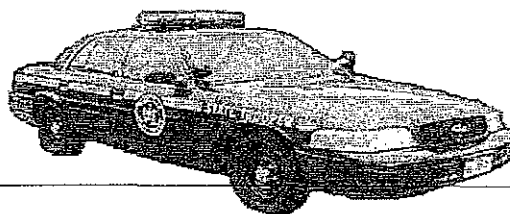


"Ten days after the commission of a homicide, while searching the ELSAG MPH-900 LPR database of a police vehicle that was on routine patrol in the area, we were able to not only obtain from the LPR photo the License Plate number, but also unique identifying features on the front of the vehicle that enabled us to place the defendant's car at the scene of the crime at the time of the homicide." Dutchess County, NY District Attorney William Grady

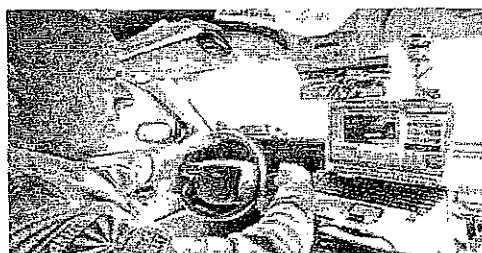
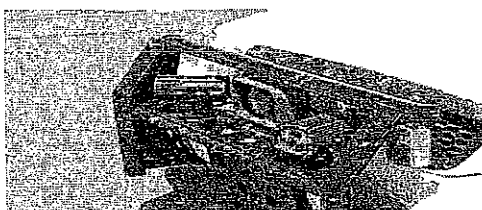
Long Term Experience in New York State



- 100% geographic coverage of state
- 625+ units at 240 agencies across state
- Long Island, NY—**more** units than all of California
- Proprietary Amber Alert software developed to tie into NY State network



Interdiction Case Study: Arizona




"An Army of ONE"

Officer David Callister

# of LPR Units	1
Months deployed	16
Total Reads	1,100,000
# of Arrests	100
Vehicles Recovered	157
# of Wanted Persons	5
Cash Recoveries	\$80,000
Major Drug recovery	5lbs. Meth.


Most Productive Hour - 7 Stolen

Interdiction Case Study: Washington, DC



Metropolitan DC PD Auto Theft Sweep Operation

Total Reads	59,650
Average Total Patrol Time For 5 Vehicles	21 hours
Stolen Vehicles Recovered	38
Carjacking Vehicles Identified	5
Tractor Trailers	1
Stolen Plates Recovered	14
# Of Bench Warrant Alarms	2
TOTAL ALARMS WITH INTERDICTION	54
Average Time Between Alarms	23m - 20s
# Of Guns Recovered	3
# Of Current Arrests	13



2 DRUG SEIZURES

Seizure #1 → 62 grams of Crack Cocaine

Seizure #2 → 30 Separate Rocks of Crack Cocaine + 2 Zips of Crack; 1 lb of Marijuana + Measuring and Packaging Devices

Stolens of Note


Stolen Tractor Trailer reported stolen in Massachusetts found in DC.

Capital Grounds

→ #1 Stolen Late Model Truck 6:34 AM 101 Constitution


→ #2 Stolen Taxi Cab 8:15 PM Rayburn Office Building

Interdiction Case Study: Atlanta



3 Kidnapped Girls Recovered— 10/12/06

- ❑ Found unharmed in a stolen truck driven by a man out on bond for murder and a passenger who was a convicted sex offender
- ❑ Officer alerted by MPH-900 alarm that he was passing a stolen truck
- ❑ MPH-900 enabled officer to make quick decision, resulting in **3 saved lives**



“The MPH-900 tag reader sees when I can’t, and I believe those girls are alive today because of it.”

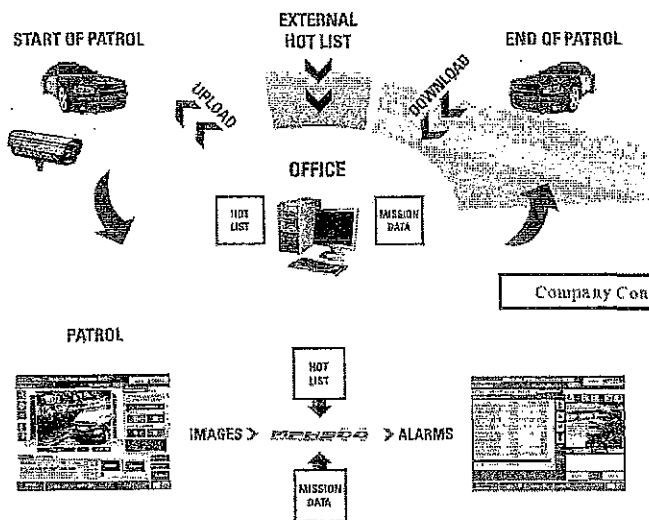
-- (Ret.) Atlanta Officer Steven Hedley.

ELSAG Operations Center



- **The Mission Control center for ALPR Activities**
- **Three** primary components
 - **Communicates** with and manages all devices in your domain
 - **Manages data** in your domain
 - **Performs intelligence analysis** for ALPR based activities in your domain

ELSAG Operations Center Communications and Control Module Functions



Company Confidential

ELSAG Operations Center



•What can it do to support you?

- Collects and manages the ALPR data turning it into *Intelligence Information*
- Provides *easy to use tools* when intelligence analysis is required
- Able to share information with specialized analytics engines, such as COPLINK
 - ELSAG is only COPLINK compliant software
- Contains advanced features such as Data Sharing and White Lists



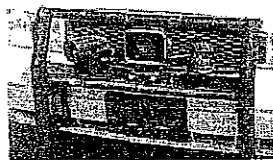
Installation Options



Permanently Mounted Mobile



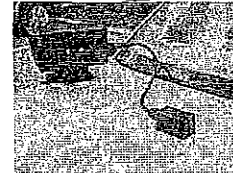
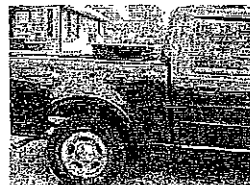
Custom Install



Transportable Mobile



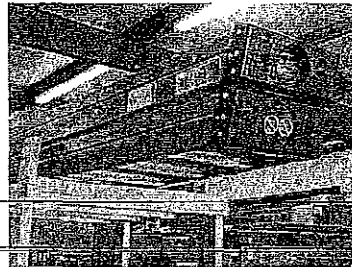
Covert



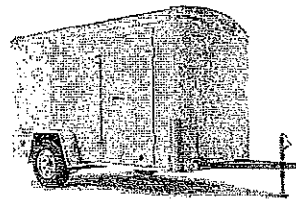
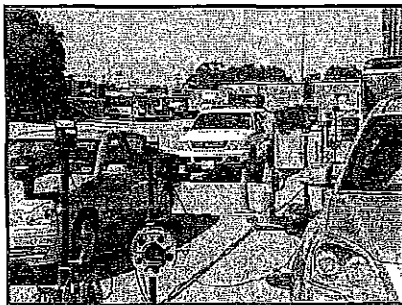
Fixed Gate Smart Cameras




Additional Covert Options



ALPR Deployable Command Trailer

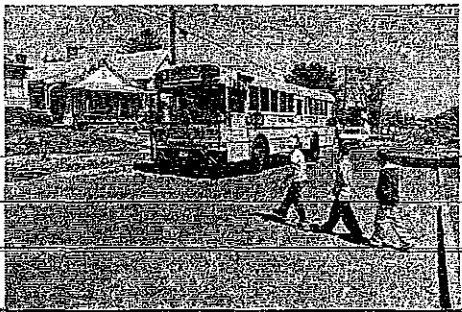


Other Applications:
Preventing Illegal School Bus Passing




An average of 27 children die each year in the U.S.
(Source: NHTSA)


- Half of deaths involve children ages 5-7
- Stop Arm Passes a common daily violation throughout U.S.
- Countless injuries and accidents
- Difficult to enforce; proof not easily available
- Successful Pilot Program in Syracuse, NY, funded by NHTSA & NY State



The MPH-900 Solution for School Bus Safety



- One Camera System with software, mounted on the exterior of the bus, near the driver
- Bus Driver does not have to do anything to operate the system
- Downloadable results for law enforcement follow-up action



What you can expect from ELSAG?



- **Commitment** to Developing Solutions that work for Law Enforcement
- **Experience** (over 5,000 installations worldwide)
- **Unmatched in quality, service and support** to keep our customers operational
 - 24/7 customer service
 - Ongoing training and support

From ABC-TV New York, reporting on Stamford, CT's early usage of the technology:

"Based upon their success... the question is not if the Department will purchase more, but how many it can afford."

YOUR MISSION... IS OUR MISSION

Contract Vehicles



STATE CONTRACTS

New York State Office Of General Services / NASPO
NASPO Multi-State Contract #PC62119 Award #19745
This is a multi-state contract available to any NASPO state.

Contract Information

<http://www.ogs.state.ny.us/purchase/spg/awards/3823219745Can.htm>
<http://www.ogs.state.ny.us/purchase/spg/pdfdocs/3823219745ra.pdf>

Texas State Contract:

Texas Multiple Award Schedule (TXMAS) Program
Contract Number TXMAS-8-840130


FEDERAL CONTRACT

US General Services Administration
GSA Schedule GS-07F-0073L

This contract is available to any state


<http://www.gsaadvantage.gov/>

Keyword: Remington ELSAG



License Plate Reader

LENEXA POLICE DEPARTMENT
February 22, 2011



LPR – LENEXA PD

- Data
 - NCIC
 - ALERT
 - KDOR
 - PRISM
 - Local
- 01-01-2010 to 12-31-2010
 - 1,119,949 reads
 - 7068 hits/alarms

- Registered sex offenders
- Intelligence and Investigation



Data Storage

01-01-2010 to 12-31-2010

1,119,949 reads

- .txt files on pd-sql are using 1.8 MB of space.
- images on pd-datastore1 are using 61.2 GB of space



Retention

- Active 1 year then archive

Activity/Arrests

	Date	Case Number	Report Type
1	4/6/2010	2010-130	Suspended License/Plate
2	1/25/2010	2010-3155	Outside Warrant Arrest
3	7/29/2010	2010-3559	Recovered Stolen Auto
4	2/2/2010	2010-4106	Recovered Property (Tag)
5	2/17/2010	2010-5124	Felony Warrant Arrest
6	2/27/2010	2010-7014	Outside Agency Traffic Warrant
7	3/3/2010	2010-7464	Outside Agency Misdemeanor Warrant
8	3/5/2010	2010-7669	Recovered Property (Suspended Tag)
9	3/12/2010	2010-8500	Recovered Property (Tag)
10	3/13/2010	2010-8630	Suspicious Activity
11	3/15/2010	2010-8875	Possession of Illegal Drug
12	3/19/2010	2010-9325	Information on Stolen Auto
13	4/2/2010	2010-11195	Outside Agency Traffic Warrant
14	4/3/2010	2010-11260	Lenexa Warrant Arrest
15	4/6/2010	2010-11597	Outside Agency Traffic Warrant
16	4/6/2010	2010-11690	Lenexa Warrant Arrest
17	4/13/2010	2010-12493	Outside Agency Misdemeanor Warrant
18	4/15/2010	2010-12682	Outside Agency Misdemeanor Warrant
19	4/18/2010	2010-13170	Recovered Stolen Property (Tag)
20	4/20/2010	2010-13408	Assist Outside Agency
21	5/23/2010	2010-17569	Info On Recovered Property - Suspended Tag
22	5/28/2010	2010-18296	Information on Stolen Auto
23	5/29/2010	2010-18626	Outside Agency Traffic Warrant
24	6/4/2010	2010-19310	Outside Agency Misdemeanor Warrant
25	6/12/2010	2010-19587	Outside Agency Traffic Warrant

Activity/Arrests

26	6/11/2010	2010-20248	Felony Possession Stolen Property
27	6/12/2010	2010-20455	Traffic Stop
28	6/12/2010	2010-20468	Traffic Stop
29	6/29/2010	2010-22692	Lenexa Warrant Arrest
30	7/3/2010	2010-23263	Unoccupied Vehicle Check
31	7/7/2010	2010-23778	Possession of Stolen Property (Tag & IS)
32	7/9/2010	2010-24012	Recovered Stolen Auto
33	7/15/2010	2010-24964	Driving While Suspended/Revoked
34	7/26/2010	2010-26532	Lenexa Warrant Arrest
35	8/16/2010	2010-28453	Recovered Stolen Auto
36	9/12/2010	2010-32776	Information on a Traffic Complaint
37	9/29/2010	2010-34754	Recovered Stolen Auto
38	10/8/2010	2010-35830	Possession of Stolen Property (Tag)
39	10/12/2010	2010-26532	Info on Attempted Warrant
40	11/10/2010	2010-39739	Assist Outside Agency
41	11/12/2010	2010-39990	Lenexa Warrant Arrest
42	11/28/2010	2010-43621	Outside Agency Traffic Warrant
43	12/1/2010	2010-43455	Outside Agency Traffic Warrant
44	12/11/2010	2010-43163	Felony Possession of Stolen Property (Vehicle)
45	12/14/2010	2010-43594	Information on Traffic Stop - Lost License/Plate
46	12/16/2010	2010-43594	Lenexa Warrant Arrest
47	12/30/2010	2010-45113	Outside Warrant - Other



Investigative Queries

- Detectives were investigating a homicide in which a female was killed and dumped at the side of a highway. A suspect was identified, along with a possible co-conspirator. Both were located and brought in. The co-conspirator quickly admitted to knowledge of the crime and assisting the suspect after the fact. The "witness" gave a detailed account of their movements and the fact that they had been living at various hotels in the city over the last several months. The tags of two suspect vehicles were ran through the ELSAG data base with numerous hits showing them parked at various local hotels, confirming his story and aiding us with the time line leading up to the murder.



Investigative Queries

- Detectives were investigating a trio (one man and a husband & wife couple) involved in numerous area car burglaries, auto thefts, and passing stolen credit cards. We had a good case against the one male, but a much weaker case against the couple. We were able to tie them all together when we obtained a surveillance photo of a female who we identified as our target and a male using one of the stolen cards. We could not positively identify the male with her, but he had on a very distinctive hat. When we ran the main target's tag in ELSAG, we found a photograph where the truck was stopped at a red light next to a patrol car. In the photo you can clearly see the main target driving and our second male target in the passenger seat with the same distinctive hat on. This was one of the last pieces of circumstantial evidence needed to tie the whole case together.

Comparing Officer Initiated and LPR

Officer in Car

- Able to observe plates
- Check any plate
- Can pick and choose
- Can write down/record info

License Plate Reader

- Always observing
- Check many plates
- Captures are unbiased
- Automatically captures info

Comparing Officer Initiated and LPR

Officer in Car

- Holds info until needed or deemed relevant
- Can provide to investigator
- Past info may be relevant to crime later discovered
- Weakness – Officer must record, remember, recover and report when info needed.

License Plate Reader

- Holds data in searchable form until needed
- Accessible 24/7 to investigator
- Retrospective data may be of great value in series crimes or those with suspect vehicle info, particularly partial plate

8/7/2012

Manual Entries

LPR Mobile Plate Hunter 900

Vehicle ID: 1 Pending Alerts: 0

Hot list: Hot list results Reports Report results

Plate: State: Search

Note: Insert Delete

1	2	3	4	5	6	7	8	9	0	
Q	W	E	R	T	Y	U	I	O	P	
A	S	D	F	G	H	J	K	L	▲	
Z	X	C	V	B	N	M	◀	▼	▶	

Caps #@... Canc Close

Abort LPR CPU Hazard

INTEL

From: David Wilson Sent: Fri 3/27/2009 5:32 PM
To: Police Dept - Patrol Police Dept - Database
Cc:
Subject: Fw: EFO APD - Possible Group Predator in Area

Attachments: EFO APD 2009-7 Possible Group Predator.pdf (273 KB)

This tag on the suspect vehicle was scanned by car 73 on February 27 2009 at 12:43:45 hours in Chubb's Place. I have added this tag to the hotlist database.

SHIFT REPORT

Car: D0001 ShiftReport 20090326123043.txt - N

File	Edit	Format	View	Help
Hour		Reads	Alarms	Rejected alarms
00	- 01	55	0	1
01	- 02	30	0	0
02	- 03	38	0	0
03	- 04	0	0	0
04	- 05	0	0	0
05	- 06	0	0	0
06	- 07	0	0	0
07	- 08	0	0	0
08	- 09	18	0	1
09	- 10	20	0	0
10	- 11	0	0	0
11	- 12	8	0	0
12	- 13	0	0	0
13	- 14	0	0	0
14	- 15	0	0	0
15	- 16	0	0	0
16	- 17	0	0	0
17	- 18	0	0	0
18	- 19	0	0	0
19	- 20	0	0	0
20	- 21	0	0	0
21	- 22	0	0	0
22	- 23	0	0	0
23	- 00	0	0	0

READ REPORTS BY DAY

File	Edit	Format	View	Help
Date		Reads	Alarms	Rejected alarms
2009-03-28		169	0	2
2009-03-27		3171	6	16
2009-03-26		5147	3	27
2009-03-25		2273	4	12
2009-03-24		1802	3	13
2009-03-23		4069	17	19
2009-03-22		4751	3	30
2009-03-21		4388	10	17
2009-03-20		1632	0	5
2009-03-19		1538	0	8
2009-03-18		2084	3	11
2009-03-17		1155	4	4
2009-03-15		352	3	0
2009-03-14		240	0	0
2009-03-13		2697	25	11
2009-03-12		2529	16	4
2009-03-11		5872	29	4
2009-03-10		4224	23	3
2009-03-09		220	0	0
2009-03-08		1738	1	1
2009-03-07		3705	1	14
2009-03-06		873	1	1
2009-03-04		443	0	0
2009-03-03		4582	10	8
2009-03-02		1207	0	5
2009-03-01		369	0	4
2009-02-28		310	0	0
2009-02-27		2208	1	14
2009-02-26		514	0	3

ALERT / REJIS

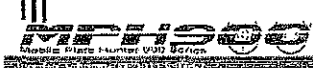
REJIS License Plate Recognition File Format

Order	DB2 Field	Length	Position	Description
1	LIC_NUMBER	8	1-8	License Plate Number
2	LIC_STATE	2	9-10	License Plate State
3	Category	2	11-12	FL-Felony MS-Misdemeanor OR-Ordinance/Local SA-Stolen Auto SO-Sex Offender GN-Gang SP-Stolen Plate TW-Towed Auto(not included) FR-Failure to Return Rented or Borrowed Auto XX-Miscellaneous
4	INCIDENT_DATE	10	13-22	Date of the Incident
5	ORI_DESCRIPTION	9	23-31	Short Description of the Jurisdiction
6	Vehicle Description	17	32-48	Vehicle Year, Make, Model, Color (2009-CHEV-S10-BLU)
7	INC_REF_NO	12	49-60	Reference Number
8	INC_RELATED_INFO	100	61-160	Description of the wanted

Data Sharing

Currently working to establish MOU for
data sharing.

MPH900 Operations Center



Query Reads

START Day 21 Month 01 Year 2010 Hour 10 Minutes 00

END Day 22 Month 02 Year 2011 Hour 23 Minutes 45

License Plate State

Reader

Transit status

License Plate	Reader	Transit status	Alarm Class
LFD Car 80			Delayed Alarm
LFD Car 82			Expired Alarm
LFD Car 85			Rejected Alarm
LFD Car 88			Normal Transit
LFD Car 91			Pending Alarm
			Accepted Alarm
			Rejected Reason
			Alarm Class

Operations Center

Query Results

START 21/01/2010 00:00

END 22/02/2011 23:45

License Plate 00189

Number of elements: 2

License	Transit Delayed Time	License Plate	Transit status	State	Reader	Alarm Class

[1 - 3]

Tactical Operations Center (TOC)

Plate	St	Time	Car	Camera	True	Hotlist Notes
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Technology Update

August 2011

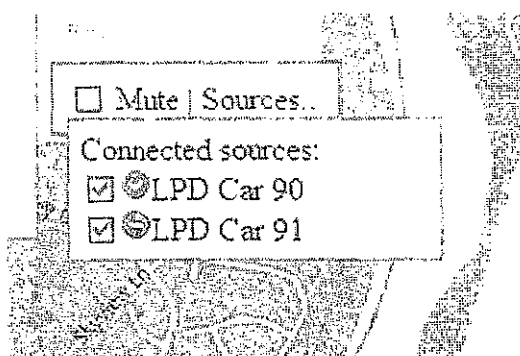
ELSAG - TOC



Tactical
Operati...

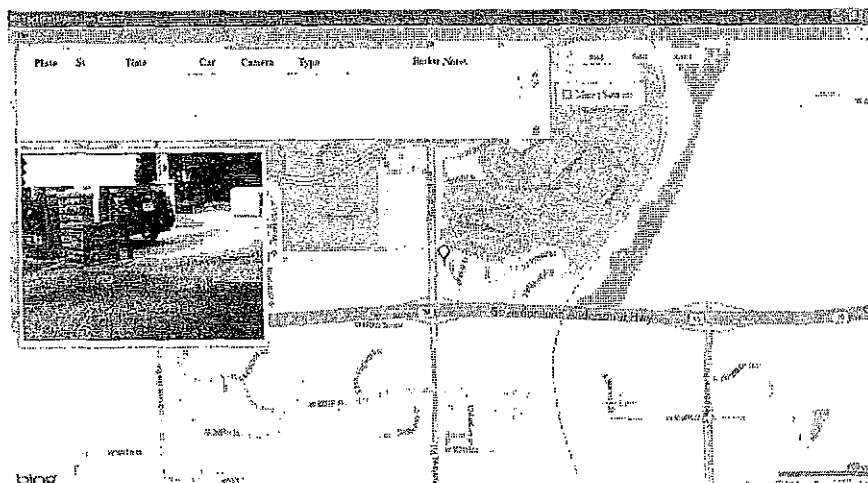
- A shortcut is installed on all MDTs as well as each console in dispatch.

ELSAG - TOC




- Mouse over Sources to see which ELSAG cars are in service.

ELSAG - TOC



MPH900 Operations Center



Mobile Plate Number VIO Devices

Query Reads

Start	Day	Month	Year	Hour	Minutes
2010	21	01	2010	100	00
End	Day	Month	Year	Hour	Minutes
2011	22	02	2011	23	45

License Plate: State:

Reader	Transit status	Deleted Alarm	Expired Alarm	Rejected Alarm	Partial Transit	Pending Alarm	Accepted Alarm	Rejected Reason	Alarm Class
LPD Car 60									
LPD Car 63									
LPD Car 65									
LPD Car 90									
LPD Car 91									

LPR NOTES

- Use the Accept Alarm acknowledgement when you have confirmed the tag is the same as the LPR Alert.
- Use the Reject Alarm acknowledgement when the target tag does not match the LPR Alert or is a false read.

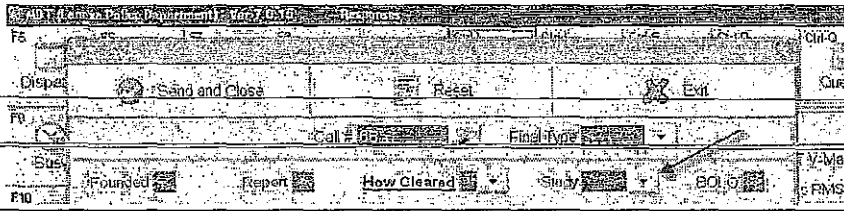
LPR NOTES

After taking action as a result of the LPR Alarm please enter the appropriate study codes on the MDT as follows and on the GO side of any report:

LA – License Plate Reader Arrest - results in an arrest

LI – License Plate Reader investigation i.e. – warrant associated to tag and wanted subject not in vehicle; recovered stolen license plate/vehicle

LC - License Plate Reader Citation - citations issued



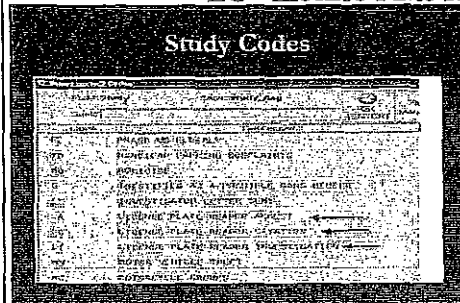
LPR NOTES

After taking action as a result of the LPR Alarm please enter the appropriate study codes on the GO side of any report:

LA – License Plate Reader Arrest - results in an arrest

LI – License Plate Reader investigation i.e. – warrant associated to tag and wanted subject not in vehicle; recovered stolen license plate/vehicle

LC - License Plate Reader Citation - citations issued



Study Codes

Field: Study	Table: study_flag	OK (ENTER)	Mark
Seek			
Code	Description		
FE	FRAUD VS ELDERLY		
TD	HANDICAP PARKING COMPLAINS		
HQ	HOMICIDE		
G	IDENTIFIED AS A POSSIBLE GANG MEMBER		
LS	INVESTIGATOR LETTER SENT		
LA	LICENSE PLATE READER ARREST	←	
LC	LICENSE PLATE READER CITATION	←	
LI	LICENSE PLATE READER INVESTIGATION	←	
MV	MOTOR VEHICLE THEFT		
MC	MOTORCYCLE GROUPS		

GO SIDE

Case# Status Approved
 Reported Date

Occurred on Weekday If date unavailable, to date Secured on

Submitted by Orig unit 2nd office Report time

Location Apt Unit County

District Beat Grid

Primary Offense

Totals/Counts
 Loss Damage Recovered Drugs

Person targets Vehicles stolen Vehicles recovered

Study Gang involvement Family Violence External info

Retention IBR status

NARRATIVE Examples

- While on patrol the ELSAG license plate reader alerted me to a....suspended tag/stolen auto
- ...I was alerted to a suspended tag/stolen auto by the ELSAG TOC (and Dispatch) on KS ABC-123.....

LPR Notes

- When in back lot of PD- especially if you are coming in for ecall etc.,- turn readers off - as it will read any tags it 'sees' every 30 seconds. So if you are parked in a location and one of the cameras is focused on another parked vehicle it will record that tag as a read over and over again.

LPR NOTES

■ Data Sources

- NCIC
- ALERT/REJIS
- KS DOR
- PRISM

In the works: DEA Border Crossing File

REJIS will include ORI/Agency Description

Operations Center

Query Results.

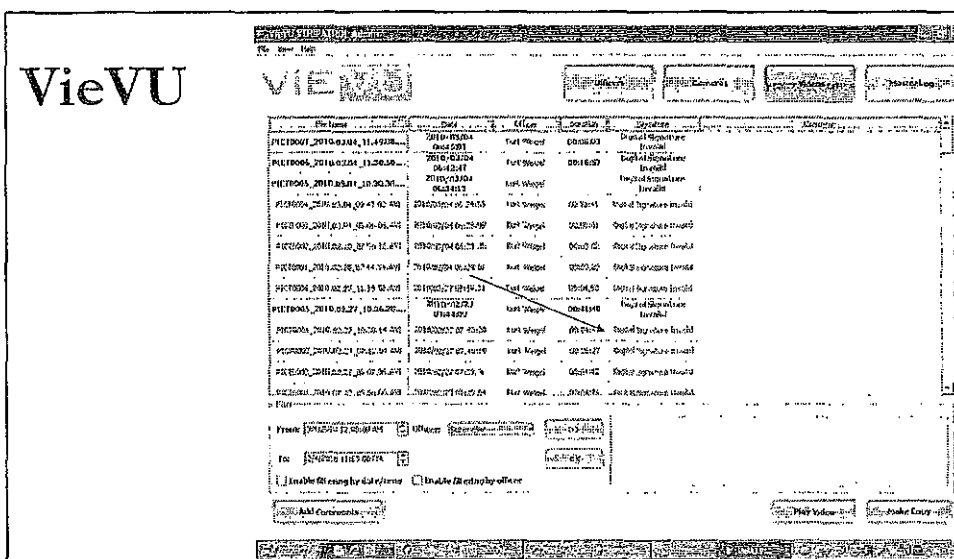
START	21/01/2010 00:00
END	22/02/2011 23:45
License Plate	001BBH

Number of elements: 3 [1 - 3]

Image	Transit Date and Time	License Plate	Transit status	State	Reader	Alarm Class

Page 1 [1 - 3]

Back File Export Export HTML file Show all on map



■ When downloading your VieVu videos be sure to list any associated CRN's


■ After video is downloaded, your screen will look something like this...

VIEW

Filter Files by Record Date
 From: 7/6/2011
 To: 7/6/2011

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT0005_2011.07.06_18.28.54.AVI	2011/07/06 18:28:54	2011/07/08 13:26:02	00:00:01	Contact	TEST - PLEASE DELETE
PICT0004_2011.07.06_18.27.58.AVI	2011/07/06 18:27:58	2011/07/08 13:26:01	00:00:15		
PICT0005_2011.07.06_18.27.32.AVI	2011/07/06 18:27:32	2011/07/08 13:25:57	00:00:17		
PICT0005_2011.07.06_18.27.24.AVI	2011/07/06 18:27:24	2011/07/08 13:25:53	00:00:03		
PICT0001_2011.07.06_18.26.14.AVI	2011/07/06 18:26:14	2011/07/08 13:25:51	00:00:02		

Details:



File Name: PICT0005_2011.07.06_18.28.54.AVI

Recorded: 2011/07/06 18:28:54

Uploaded: 2011/07/08 13:26:02

Duration: 00:00:01

Never Delete? No

Category: Contact

Add Details
Make Copy
Download Videos From Camera
Play

- If you wish to keep one for future use, click the “details” tab in lower left corner

The screenshot shows a software interface with a menu bar (File, Help) and a toolbar. A table lists video files with columns for File Name, Date of Record, Date of Upload, Duration, Category, and Comment. Below the table, a details window is open for the file 'PICT0002_2011.07.08_18.27.24.AVI', showing its duration, recording date, upload date, and a 'Category' dropdown menu. At the bottom, there are buttons for 'Add Details', 'Make Copy', 'Download Videos From Camera', and 'Play'.

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT0001_2011.07.08_18.26.54.AVI	2011/07/08 18:26:54	2011/07/08 13:26:02	00:00:01	Context	TEST - PLEASE DELETE
PICT0004_2011.07.08_18.27.56.AVI	2011/07/08 18:27:56	2011/07/08 13:26:01	00:00:15		
PICT0003_2011.07.08_18.27.33.AVI	2011/07/08 18:27:33	2011/07/08 13:25:57	00:00:17		
PICT0002_2011.07.08_18.27.24.AVI	2011/07/08 18:27:24	2011/07/08 13:25:53	00:00:03		
PICT0001_2011.07.08_18.26.14.AVI	2011/07/08 18:26:14	2011/07/08 13:25:51	00:00:02		

Details for PICT0002_2011.07.08_18.27.24.AVI:

- File Name: PICT0002_2011.07.08_18.27.24.AVI
- Duration: 00:00:03
- Recorded: 2011/07/08 18:27:24
- Never Delete? No
- Uploaded: 2011/07/08 13:25:53
- Category: [Dropdown]

■ When the details window pops up, click the “category” drop down list and choose the category that best fits your video


VIEW

Filter Files By Record Date

From: 7/6/2011
To: 7/6/2011

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT0005_2011.07.06_18.28.54.AVI	2011/07/06 18:28:54	2011/07/08 13:26:02	00:00:01	Contact	TEST - PLEASE DELETE
PICT0004_2011.07.06_18.27.58.AVI	2011/07/06 18:27:58	2011/07/08 13:26:01	00:00:15		
PICT0003_2011.07.06_18.27.32.AVI	2011/07/06 18:27:32	2011/07/08 13:25:57	00:00:17		
PICT0002_2011.07.06_18.27.24.AVI	2011/07/06 18:27:24	2011/07/08 13:25:53	00:00:03		
PICT0001_2011.07.06_18.26.14.AVI	2011/07/06 18:26:14	2011/07/08 13:25:51	00:00:02		

Details



File Name: PICT0005_2011.07.06_18.28.54.AVI

Recorded: 2011/07/06 18:28:54

Uploaded: 2011/07/08 13:26:02

Duration: 00:00:01

Never Delete? No

Category: Contact


VIEW

Filter Files By Record Date

From: 7/6/2011
To: 7/6/2011

File Name	Date of Record
PICT0005_2011.07.06_18.28.54.AVI	2011/07/06 18:28:54
PICT0004_2011.07.06_18.27.58.AVI	2011/07/06 18:27:58
PICT0003_2011.07.06_18.27.32.AVI	2011/07/06 18:27:32
PICT0002_2011.07.06_18.27.24.AVI	2011/07/06 18:27:24
PICT0001_2011.07.06_18.26.14.AVI	2011/07/06 18:26:14

Details



File Name: PICT0002_2011.07.06_18.27.24.AVI

Recorded: 2011/07/06 18:27:24

Uploaded: 2011/07/08 13:25:53

File name: PICT0002_2011.07.06_18.27.24.AVI

Category:

Comments:

Never delete this video

File Information

File name:
PICT0002_2011.07.08_18.27.24.AVI

Category: Contact

Comments:

Never delete this video

Apply Close

Contact
Arrest
Ticket
Report
Contact
Interview
Other

- Choose the type of contact
- In the “comments” field list the case number FIRST in the correct form, (8digits- 11012345) then add comments
- I.E> 11012345 – Interview with John Doe

VIEMU

File Name	Date of Recd
PICT0005_2011.07.08_16.28.54.AVI	2011/07/08 18
PICT0004_2011.07.08_16.27.58.AVI	2011/07/08 18
PICT0003_2011.07.08_16.27.32.AVI	2011/07/08 18
PICT0002_2011.07.08_16.27.24.AVI	2011/07/08 18
PICT0001_2011.07.08_16.26.14.AVI	2011/07/08 18

Filter Files By Record Date
 From: 7/8/2011
 To: 7/8/2011

File name: PICT0002_2011.07.08_16.27.24.AVI
Category: Contact
Comments:

Details:
 File Name: PICT0002
 Recorded: 2011/07/08
 Uploaded: 2011/07/08
 Never delete this video
 Apply

Buttons: Add Details, Make Copy, Download Videos From Camera, Play

- After 90 days, the video will be purged, so if it needs to be retained, click the box for "Never delete this video"

The screenshot shows a web-based interface for video management. At the top left, the word "VIEW" is partially visible. Below it is a table with two columns: "File Name" and "Date of Record". The table contains five rows of video files, all recorded on 2011/07/08. A modal window is open over the table, displaying details for the file "PCT0002_2011.07.08_18.27.24.AVI". The modal includes a "File name" field, a "Category" dropdown menu set to "Contact", and a "Comments" text area. Below the modal, there is a "Details" section with a small video thumbnail and the following information: "File Name: PICT0002", "Recorded: 2011/07/08 18:27:24", and "Uploaded: 2011/07/08 18:27:24". There is a checkbox labeled "Never delete this video" and "Apply" and "Close" buttons. At the bottom of the interface, there are four buttons: "Add Details", "Make Copy", "Download Videos From Camera", and "Play".

File Name	Date of Record
PCT0005_2011.07.08_18.28.54.AVI	2011/07/08 18:28:54
PCT0004_2011.07.08_18.27.58.AVI	2011/07/08 18:27:58
PCT0003_2011.07.08_18.27.32.AVI	2011/07/08 18:27:32
PCT0002_2011.07.08_18.27.24.AVI	2011/07/08 18:27:24
PCT0001_2011.07.08_18.26.14.AVI	2011/07/08 18:26:14

File name: PCT0002_2011.07.08_18.27.24.AVI
Category: Contact
Comments:
 Never delete this video
Apply Close

Details:
File Name: PICT0002
Recorded: 2011/07/08 18:27:24
Uploaded: 2011/07/08 18:27:24

Add Details Make Copy Download Videos From Camera Play

■ Save your changes


VIEW

Filter Files By Record Date
 From:
 To:

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT0005_2011.07.09_18.28.54.AVI	2011/07/09 18:28:54	2011/07/09 13:26:02	00:00:01	Contact	TEST - PLEASE DELETE
PICT0004_2011.07.09_18.27.56.AVI	2011/07/09 18:27:53	2011/07/09 13:26:01	00:00:15		
PICT0003_2011.07.09_18.27.35.AVI	2011/07/09 18:27:32	2011/07/09 13:26:57	00:00:17		
PICT0002_2011.07.09_18.27.24.AVI	2011/07/09 18:27:24	2011/07/09 13:26:14			
PICT0001_2011.07.09_18.26.14.AVI	2011/07/09 18:26:14	2011/07/09 13:25:53			

Do you want to save the changes?

Details:



File Name: PICT0002_2011.07.09_18.27.24.AVI

Recorded: 2011/07/09 18:27:24

Uploaded: 2011/07/09 13:25:53

Duration: 00:00:09

Never Deleted? No

Category: Contact

- Your screen will now reflect your case number and comments

VIEW


Filter Files By Record Date
 From: 7/6/2011
 To: 7/6/2011

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT003_2011.07.08_18.28.54.AVI	2011/07/08 18:28:54	2011/07/08 13:26:02	00:00:01	Contact	TEST - PLEASE DELETE
PICT004_2011.07.08_18.27.58.AVI	2011/07/08 18:27:58	2011/07/08 13:25:01	00:00:15		
PICT003_2011.07.08_18.27.32.AVI	2011/07/08 18:27:32	2011/07/08 13:25:57	00:00:17		
PICT002_2011.07.08_18.27.24.AVI	2011/07/08 18:27:24	2011/07/08 13:25:53	00:00:03	Contact	11012345: Contact with J-12 subject in Radio Shop
PICT001_2011.07.08_18.26.14.AVI	2011/07/08 18:26:14	2011/07/08 13:25:51	00:00:02		

Do you want to save the changes?

Yes No

Details:


	File Name: PICT002_2011.07.08_18.27.24.AVI	Duration: 00:00:03
	Recorded: 2011/07/08 18:27:24	Never Delete? No
	Uploaded: 2011/07/08 13:25:53	Category: Contact

VIEW

Filter Files By Record Date
 From: 7/6/2011
 To: 7/6/2011

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT003_2011.07.08_18.28.54.AVI	2011/07/08 18:28:54	2011/07/08 13:26:02	00:00:01	Contact	TEST - PLEASE DELETE
PICT004_2011.07.08_18.27.58.AVI	2011/07/08 18:27:58	2011/07/08 13:26:01	00:00:16		
PICT003_2011.07.08_18.27.32.AVI	2011/07/08 18:27:32	2011/07/08 13:25:57	00:00:17		
PICT002_2011.07.08_18.27.24.AVI	2011/07/08 18:27:24	2011/07/08 13:25:53	00:00:03	Contact	11012345: Contact with J-12 subject in Radio Shop
PICT001_2011.07.08_18.26.14.AVI	2011/07/08 18:26:14	2011/07/08 13:25:51	00:00:02		

Details:

	File Name: PICT002_2011.07.08_18.27.24.AVI	Duration: 00:00:03
	Recorded: 2011/07/08 18:27:24	Never Delete? No
	Uploaded: 2011/07/08 13:25:53	Category: Contact

- Any VieVu video that is related to a CRN **must** be entered on a property report
- May be listed under “miscellaneous” for property entry
- This allows easy reference for Discovery motions and DA requests

- The most common errors on property reports involve case numbers

The most common errors on property reports involve case numbers!

Examples of common CRN errors


- Dash in CRN → 11-11111
- Not enough digits → 1111111
- No year indicator → 011111
- Too many digits → 1100111111

VIEW

Filter Files by Record Date
 From:
 To:

File Name	Date of Record	Date of Upload	Duration	Category	Comment
PICT005_2011.07.08_18.28.54.AVI	2011/07/08 18:28:54	2011/07/08 13:25:02	00:00:03	Contact	TEST - PLEASE DELETE
PICT004_2011.07.08_18.27.58.AVI	2011/07/08 18:27:58	2011/07/08 13:26:01	00:00:15		
PICT003_2011.07.08_18.27.32.AVI	2011/07/08 18:27:32	2011/07/08 13:25:57	00:00:17		
PICT002_2011.07.08_18.27.24.AVI	2011/07/08 18:27:24	2011/07/08 13:25:53	00:00:03	Contact	
PICT001_2011.07.08_18.26.14.AVI	2011/07/08 18:26:14	2011/07/08 13:25:51	00:00:02		

Details:



File Name: PICT002_2011.07.08_18.27.24.AVI

Recorded: 2011/07/08 18:27:24

Uploaded: 2011/07/08 13:25:53

Duration: 00:00:03

Never Delete? No

Category: Contact

Add Details
Make Copy
Download Videos From Camera
Play

Correct CRN entry

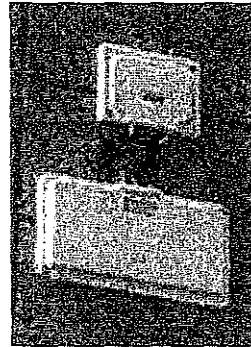
- All CRN's are 8 digits, (NUMBERS), long
- The first 2 digits are the year of the report
- The last 6 digits are the case number
- If the case number is less than 6 digits, fill in with zeros preceding the case number (as many 0's are needed to create a valid 8 digit CRN) JUST LIKE PROPERTY REPORTS

Example CRN

11011111

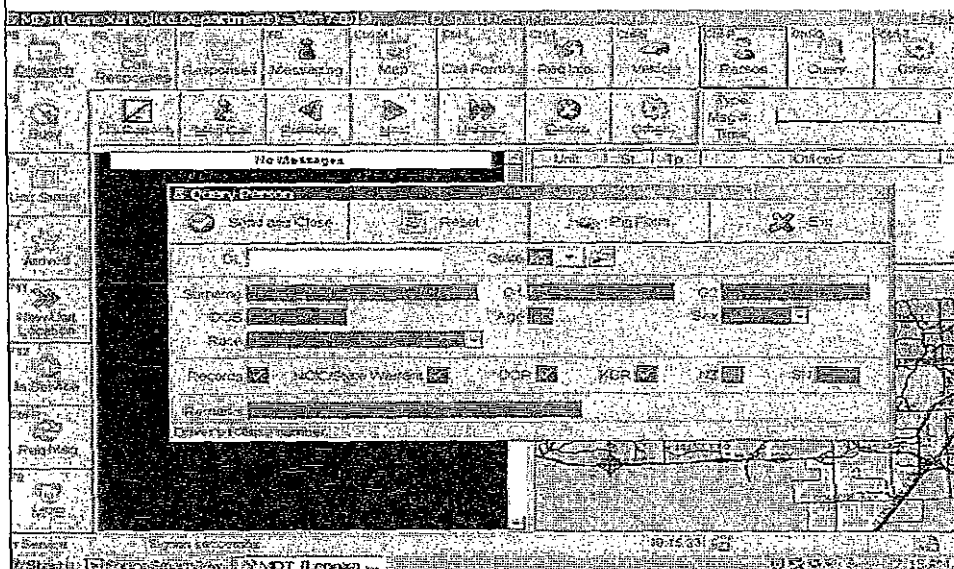
- If you have problems, contact Justin Craig LT Layman or Sgt. Hill

L3

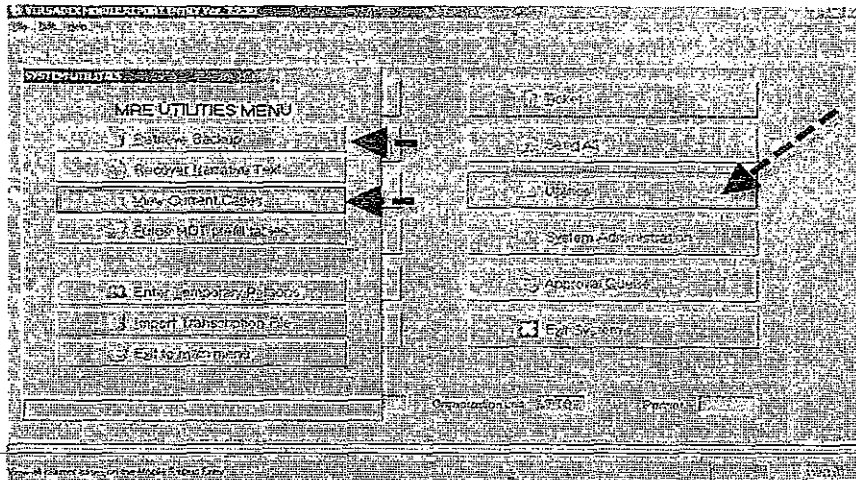


- The download issues with L3 have been resolved. Additional wireless points have been installed in the back lot as well as Fire Stations 1, 2, 3, and 5, the service center and the Senior Citizens Community Center.

Scanning a Driver's License Using the MDT



If you receive an email from
municipal court...

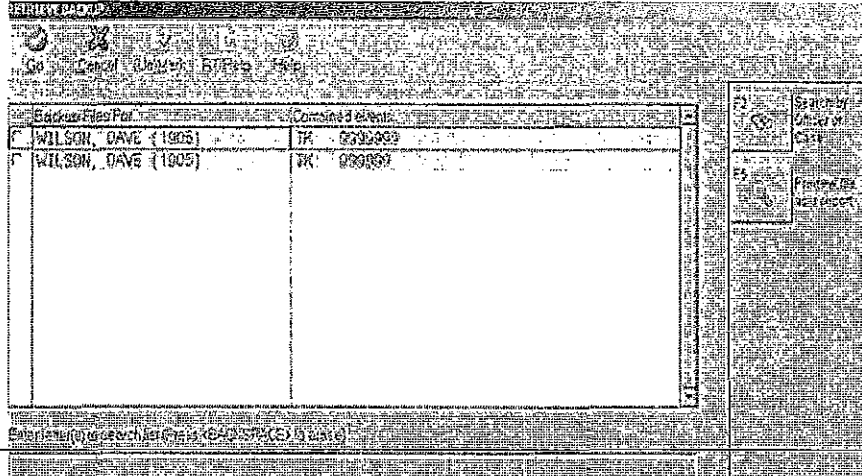


If you receive an email from
municipal court...

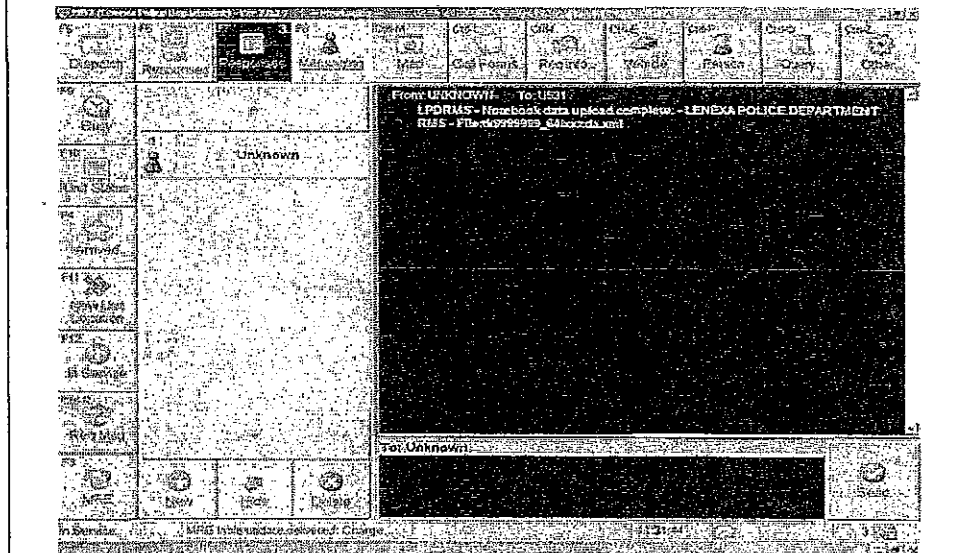
A screenshot of a data table within a software application. The table has five columns: "Case #", "Description", "Location", "Date", and "Status". The first row contains the following data: "1K 2011-9899898", "12000-BLOCK W 87408-13-2011", and "1906". The rest of the table is empty.

Case #	Description	Location	Date	Status
1K 2011-9899898		12000-BLOCK W 87408-13-2011		1906

If you receive an email from municipal court...



If you receive an email from municipal court...



Seatbelt only tickets...

GENERAL INFORMATION

Case No: 12-12-2011 121209

County: MO

Charge: SEAT BELT INSTRUCTIVE

Speed: 0.00

Speed Limit: 30.00

Zone: 100.00

Fine: \$10.00

Points: 0.00

Class: 0.00

Cost: 0.00

Speed Deviation: 0.00

Construction Zone: 0.00

School Zone: 0.00

Haz Mat Involved: 0.00

Seatbelt only tickets...

License: ABC123 State: KS Expires: 2010

Violation

Code	Description	FINE
182.1	Failure to Wear Seat Belt	\$10.00

Accident Occurred? NO	Total Fines: \$10.00
Construction Zone? NO	Court Costs: \$0
School Zone? NO	Total Due: \$10.00
Haz Mat Involved? NO	

DRAFT

Seatbelt only tickets...

Please allow 5 business days from the date of the offense before contacting the court or paying the fine.

You must appear in Court on the summons date given under NOTICE TO APPEAR on front of ticket. Failure to appear may result in the suspension of your driving privileges and/or a warrant being issued for your arrest.

You may pay without appearing in court. Payment must include fines plus court costs. Sign waiver below and include with payment.

New

Adult and/or Juvenile Seat Belt Violation(s). No court costs are assessed on the ticket if you are charged only with seat belt violation.

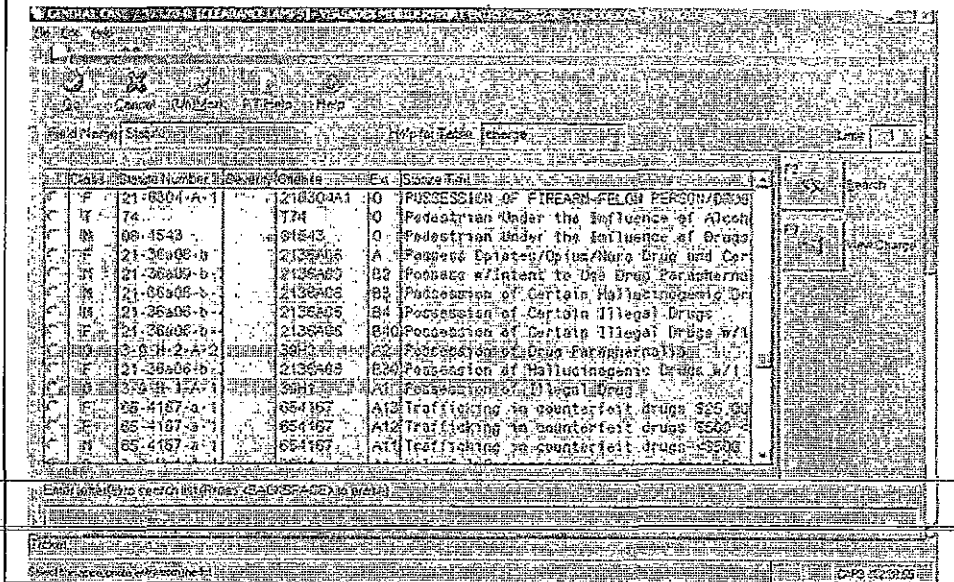
Violations with an "EV" designation are equipment violations. To have this violation dismissed, make the necessary repairs and bring the vehicle along with this ticket to the Lenexa Police Department located at 12500 W. 87th St. Pky. An officer is available 24 hours a day to verify the repairs were made. This must be completed within **10 DAYS** from the date the ticket was issued.

Violations with a "CR" designation are child restraint violations. The fine shall be waived if the driver provides proof to the court that they have purchased or acquired an appropriate child passenger safety restraining system.

Selecting Traffic Charges

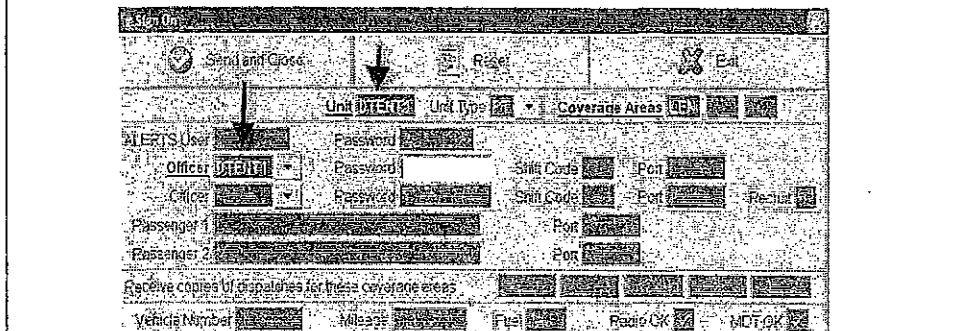
Class	District Number	Speed	Offense	EV	Description
C	1489		149	A	Stop Lamp Required for Motor Vehicle
C	09-0100		3939	0	All Lamps Must be Capable of Being Operated
C	303-20		323-20	0	Clearance Lamp
C	1E3		1E2	0	Color of Clearance Lamp
C	06-1705		61705	0	Inoperative Headlamps on Motor Vehicle
C	06-1705		61705	0	Truck Without Headlamps When Required
C	08-1725		61725	0	Fall to Gun Headlamps
C	00-0100		32324	3	Headlamps Required
C	146		145	0	Headlamps on Motor Vehicle "EV"
C	103		1133	0	Headlamps, Motorcycles "EV"
C	147		1147	0	Height Restrictions for Tail Lamps "EV"
C	08-1728		61728	0	Improper Stop/Launch Signals
C	303-9		203-9	0	Lamps Not Operable
C	133		1133	0	Lamps and Other Equipment on Bicycles

Selecting Ordinance Violations



E-Ticketing in Detention

- E-Ticketing can be used on the detention workstations.
- Logon to the MDT client using generic credentials that will be posted on each monitor.



E-Ticketing in Detention

- Everything else is the same as in the car. Logon on to the MRE, complete the ticket, print the ticket, and send the ticket via the MDT.

E-Ticketing in Detention

The image displays two sample MRE tickets. The left ticket is labeled 'Violator Copy' and the right is labeled 'Court Copy'. Both tickets contain the following information:

- Case Information:** Includes 'Case Number' (e.g., 123456789), 'Case Name' (e.g., VIOLATOR COPY), and 'Case Type' (e.g., VIOLATION).
- Offense Information:** Lists the offense code (e.g., 123456789) and description (e.g., VIOLATION).
- Offender Information:** Includes 'Offender Name' (e.g., JAMES EARL RAY), 'Offender ID' (e.g., 123456789), and 'Offender DOB' (e.g., 01/01/1929).
- Arrest Information:** Includes 'Arrest Date' (e.g., 08/07/2012), 'Arrest Time' (e.g., 10:00 AM), and 'Arrest Location' (e.g., DETENTION).
- Agency Information:** Includes 'Agency Name' (e.g., MEMPHIS POLICE) and 'Agency Address' (e.g., 500 MAIN ST, MEMPHIS, TN 38102).
- Officer Information:** Includes 'Officer Name' (e.g., J. SMITH) and 'Officer ID' (e.g., 123456789).
- Signature:** A line for the officer's signature.
- Printed Name:** The officer's name printed below the signature line.
- Agency Stamp:** A rectangular stamp from the Memphis Police Department, dated 08/07/2012.

8/7/2012

If something is not working...

- Please write it up in PD-Help
- Feel free to send me or Police Dept. – IT a heads up email.



License Plate Reader

LENEXA POLICE DEPARTMENT
MARCH 31, 2009



LPR – LENEXA PD

- Data
 - NCIC
 - ALERT
 - KDOR
- Feb.24 – March 24
 - 52,590 reads
 - 187 hits/alarms
- Registered sex offenders
- Intelligence and Investigation

8/8/2012

Manual Entries

LPR Mobile Plate Hunter 900 Alerts

Vehicle ID: Pending Alerts:

Hot List: Hot list results Reports Report results

Plate: State:

Note:

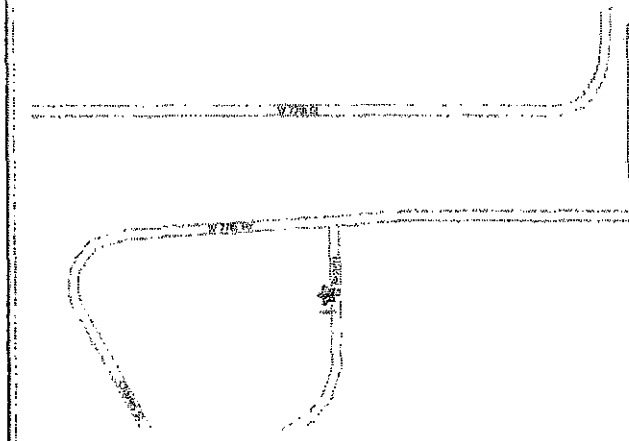
1	2	3	4	5	6	7	8	9	0	
Q	W	E	R	T	Y	U	I	O	P	<input type="button" value="Delete"/> <input type="button" value="Insert"/>
A	S	D	F	G	H	J	K	L	▲	
Z	X	C	V	B	N	M	◀	▼	▶	
Caps						#@...	Canc		<input type="button" value="Close"/>	

INTEL

From: Dave Wilson
To: Police Dept - Federal Police Dept - Detectives
Cc:
Subject: FW: SPD APB - Possible Sexual Predator in Area
Attachments: [SPD 2009-7 Possible Sexual Predator.pdf \(273 KB\)](#)

Sent: Fri 8/27/2009 5:07 PM

The tag on the suspect vehicle was scanned by car 73 on February 27, 2008 at 12:43:45 hours in Omaha Place. I have added this tag to the hotlist databases.

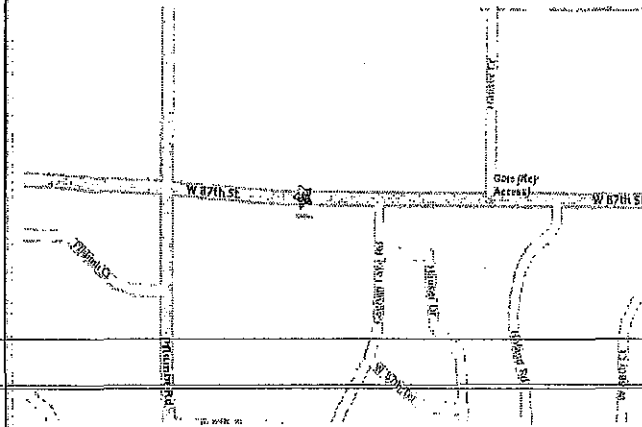


INTEL

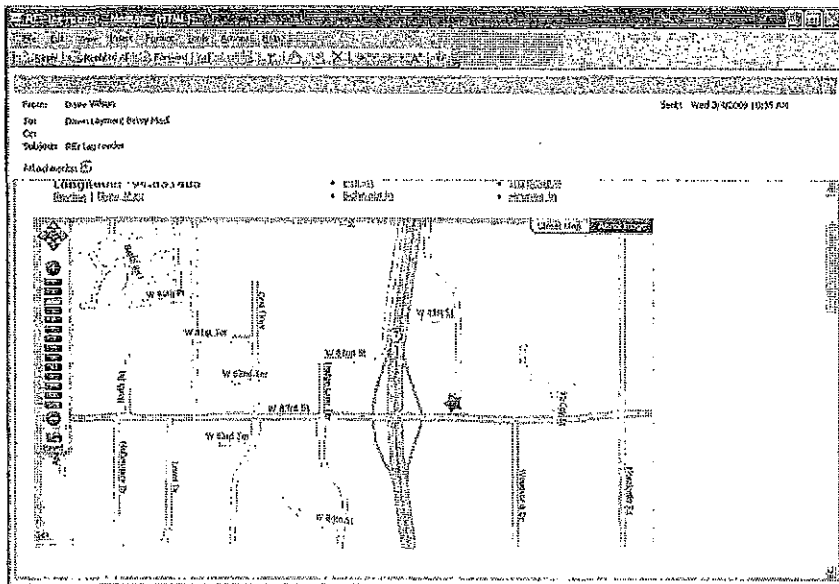
From: Dave Wilson
To: Dawn Layman
Cc: Don Karckman
Subject:
Attachments:

Sent: Tue 3/19/2009 11:01

The plate mentioned in Don's e-mail was scanned on March 3rd at 11:15-18 hours on 87th Street between Plumm and Caenen Lake.



REQUEST FROM OFFICER



Hit Query

➤ Query Alarms

SHIFT REPORT

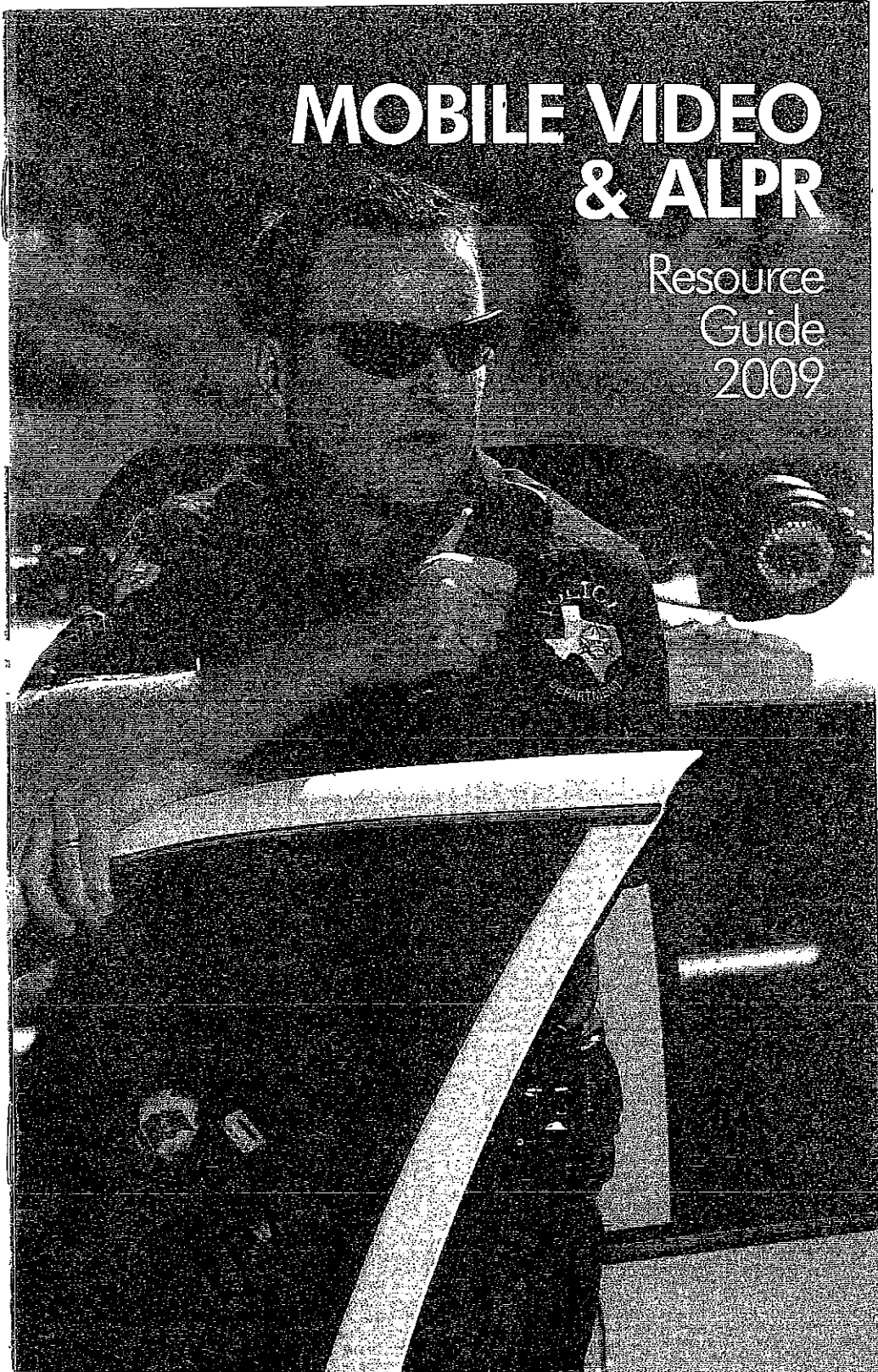
Car: 00001 ShiftReport: 20090328123843.txt - N				
File	Edit	Format	View	Help
Hour		Reads	Alarms	Rejected alarms
00	-	01 55	0	1
01	-	02 30	0	0
02	-	03 38	0	0
03	-	04 0	0	0
04	-	05 0	0	0
05	-	06 0	0	0
06	-	07 0	0	0
07	-	08 0	0	0
08	-	09 18	0	1
09	-	10 20	0	0
10	-	11 0	0	0
11	-	12 8	0	0
12	-	13 0	0	0
13	-	14 0	0	0
14	-	15 0	0	0
15	-	16 0	0	0
16	-	17 0	0	0
17	-	18 0	0	0
18	-	19 0	0	0
19	-	20 0	0	0
20	-	21 0	0	0
21	-	22 0	0	0
22	-	23 0	0	0
23	-	00 0	0	0

READ REPORTS BY DAY

File	Edit	Format	View	Help
DATE		Reads	Alarms	Rejected alarms
2009-09-28		169		2
2009-09-27		3169		11
2009-09-26		5147		5
2009-09-25		4120		11
2009-09-24		4120		11
2009-09-23		4444		11
2009-09-22		4444		11
2009-09-21		4444		11
2009-09-20		4444		11
2009-09-19		4444		11
2009-09-18		4444		11
2009-09-17		4444		11
2009-09-16		4444		11
2009-09-15		4444		11
2009-09-14		4444		11
2009-09-13		4444		11
2009-09-12		4444		11
2009-09-11		4444		11
2009-09-10		4444		11
2009-09-09		4444		11
2009-09-08		4444		11
2009-09-07		4444		11
2009-09-06		4444		11
2009-09-05		4444		11
2009-09-04		4444		11
2009-09-03		4444		11
2009-09-02		4444		11
2009-09-01		4444		11
2009-08-31		4444		11
2009-08-30		4444		11
2009-08-29		4444		11
2009-08-28		4444		11
2009-08-27		4444		11
2009-08-26		4444		11

MOBILE VIDEO & ALPR

Resource
Guide
2009



Advancements in Automated License Plate Recognition Systems

By Brad Brewer

Today's law enforcement community is being inundated with technology. It is not just the technology that is overwhelming. The sheer pace with which the technology advances makes it very difficult to keep up. Just look at what is out there: mobile computing software, computer-aided dispatch software, records management software, AVL/GPS mapping software, in-car camera systems and, of course, automated license

plate recognition or automated license plate reader (ALPR) systems.

ALPR systems are somewhat new to front-line policing, but they have been used in other areas and other countries for many years. Areas like ground border crossings, tolling, congestion charging, access control, traffic monitoring and automated site security solutions, military, airports, parking lots, highways and many others.

ALPR typically consists of several cameras mounted on the roof of a vehicle, usually in three "pods," one



A parking lot image of an unmarked unit with an ELSAG Mobile Plate Hunter (MPH-900) on the rear deck.

BEST OF BOTH WORLDS

INTRODUCING HYBRID DVD + SERVER SOLUTION

The WatchGuard DVD Hybrid In-Car Video Solution combines the efficiency of a Direct to DVD Video system with the instant access and data management of a Server system.

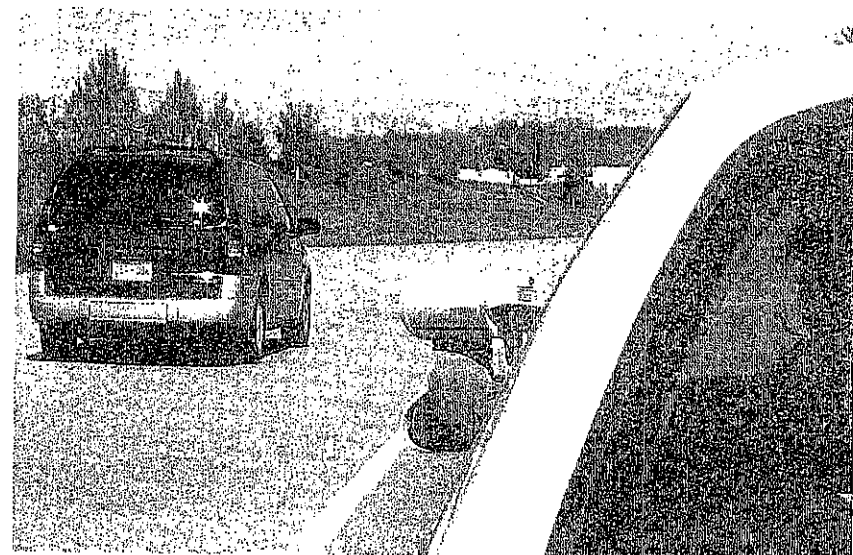
SMART
Critical Event Server System

EMPOWER
WatchGuard DV-1 In-Car Video System

THE BEST OF BOTH WORLDS

WATCH GUARD

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3001 SUMMIT AVENUE • PLANO, TEXAS 75074 | WWW.WATCHGUARDVIDEO.COM

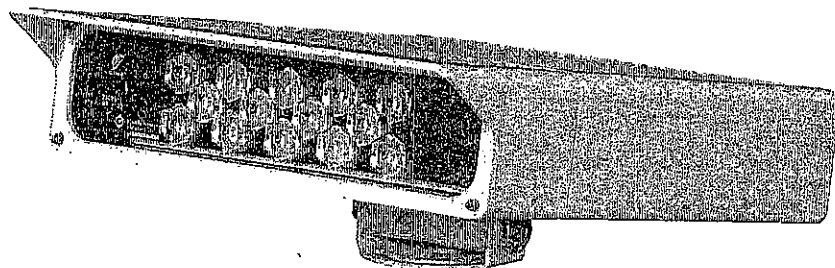


INEX/ZAMIR's handheld ALPR system is deployed on the roadway.

center, one right, and one left. In a pod, there may be one infrared (IR) camera to read the plate and a color camera to capture the vehicle. Some of the newer systems offer more cameras as they are now much smaller. Some new cameras are slim enough to fit

between the lightbar and the roof of the vehicle.

The first generations of ALPR were large, difficult to install, difficult to conceal and not very accurate. Today, infrared camera technology and a major reduction in camera size have allowed for some very cost-effective,



Genetec's latest Sharp camera is capable of being installed in both fixed and mobile configurations.

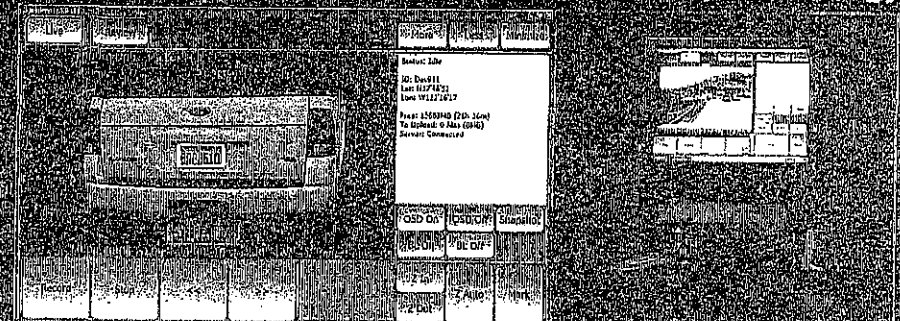
high-quality systems. Infrared illuminators provide a light source for the IR cameras. This allows the cameras to take plate images day or night and in almost any weather conditions. IR allows the cameras to see even when there is sun glare and other difficult conditions.

After the picture is taken, the system's processor takes the computer-readable text and runs it against one or more "hot lists" (lists of plates of target or stolen vehicles) stored in the vehicle's trunk-mounted processor.

Hot lists are generally downloaded to each ALPR police vehicle either wirelessly or manually at the beginning of each shift.

The system usually returns a "hit" within seconds, and most systems have some type of display that shows the plate for confirmation along with an overview of the target vehicle. All hits are commonly stamped with GPS location and time / date. Audible responses are also common, with voice confirmation of a hit, repeat of the plate, type of hit, and location relative to

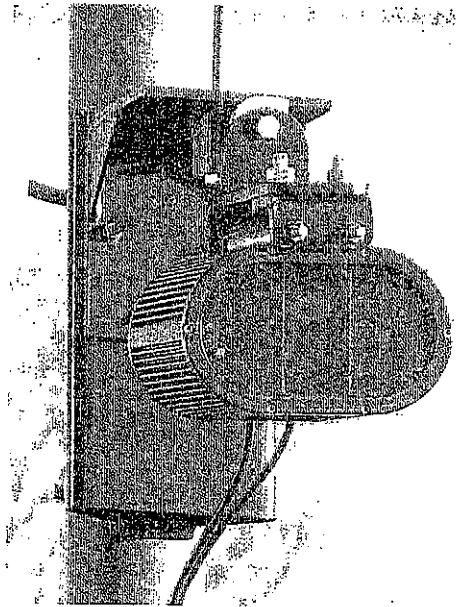
Announcing License Plate Recognition (LPR) Technology



Hub Data91's LPR technology is integrated with our Mobile Digital Video (MDV) software which means we can provide you LPR for a fraction of what it costs to equip one patrol vehicle with a competitive LPR system.

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- Integrated Mapping
- Touch screen friendly software
- Integrated License Plate Recognition

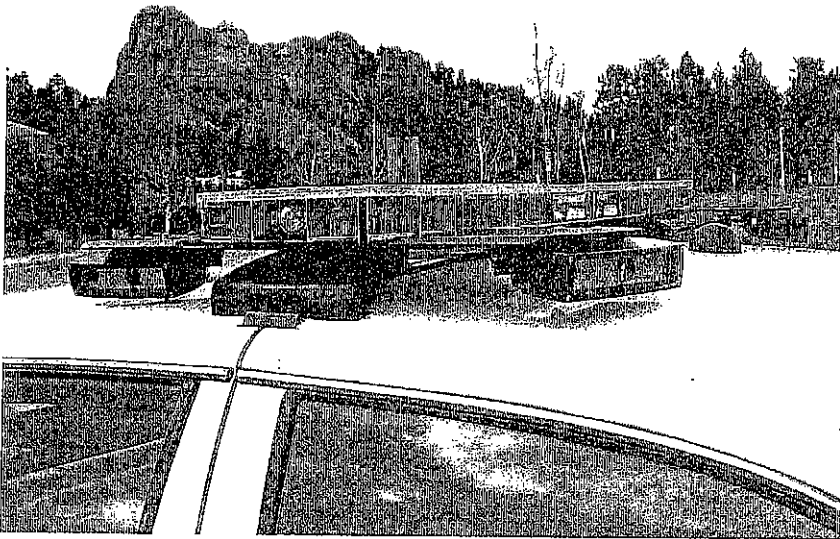
Sales Office: 636-537-4911 | www.hub-data91.com



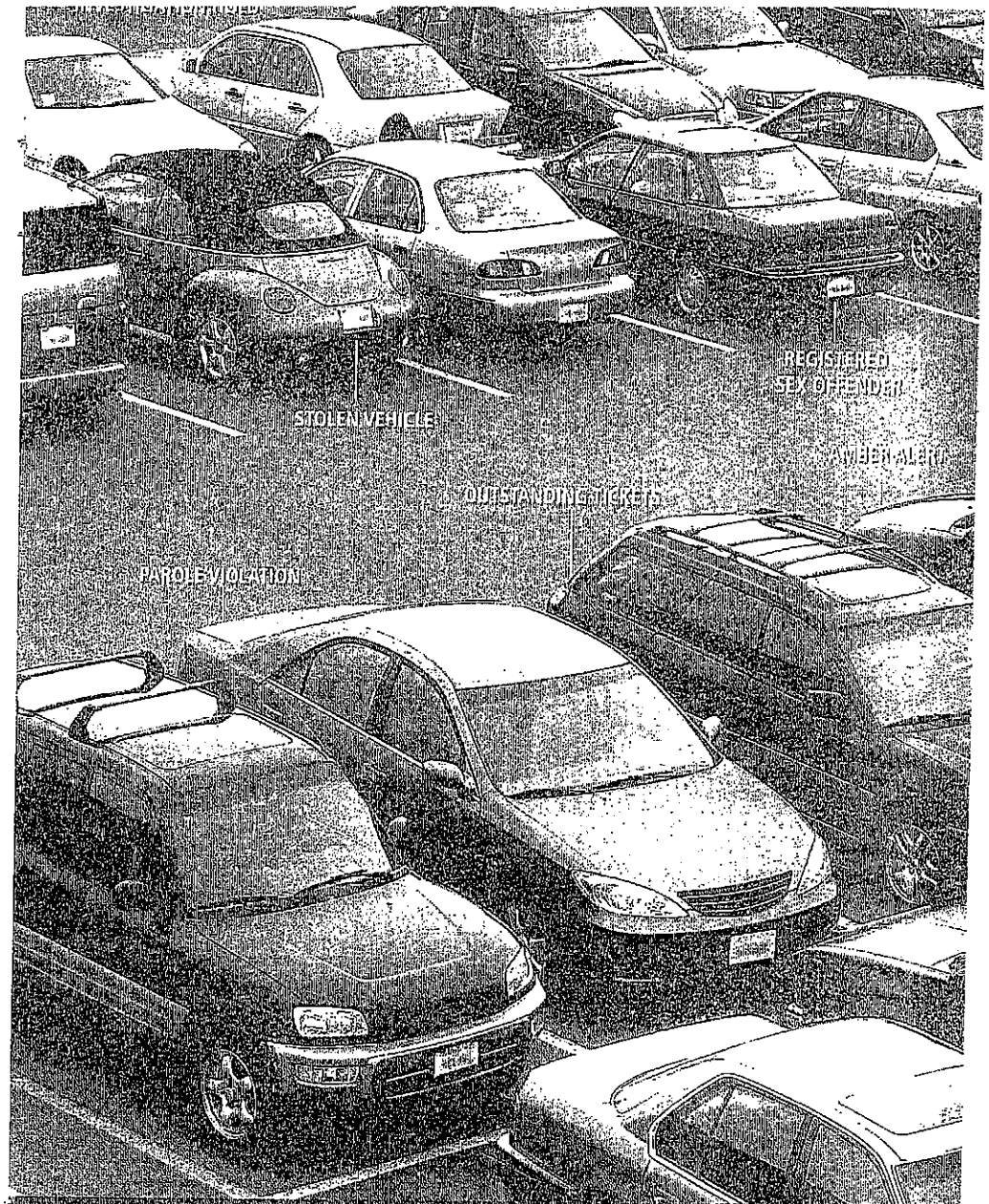
The latest generation ALPR camera affixed to pole.

police vehicle. The efficiency of these systems is nothing short of remarkable, some capable of reading 3,000 plates per hour.

Some unexpected benefits exist with ALPR systems. Consider the issues around arbitrary detention or racial profiling. The ALPR system tells the officer which vehicle to stop based on random scanning of plates that produces lawful information allowing the officer to form grounds for the stop. ALPR doesn't see race or ethnicity, so racial profiling claims should be reduced, if not eliminated. Also, when an Amber Alert is issued, ALPR can be deployed in high-probability areas, scanning plates



Federal Signal Legend lightbar and Federal Signal Slate low-profile ALPR camera.

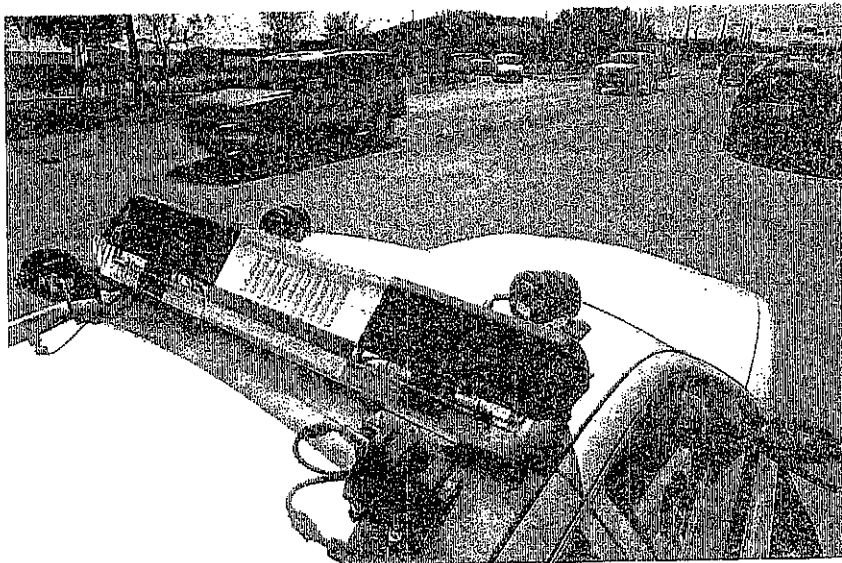


Can you afford not to have an ALPR system?

Federal Signal's automated license plate recognition (ALPR) is a system that you can not afford to be without to improve the efficiency and effectiveness of your officers, gather data for investigations, and contribute to officer safety. Checking thousands of plates an hour, the Federal Signal ALPR system is the most advanced and accurate system available.

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FEDERAL SIGNAL



Federal Signal Mobile ALPR.

with far greater efficiency than regular patrol units.

Significant differences exist between ALPR manufacturers. When looking at various systems, one should be careful to understand exactly what these differences are. Some claim to read 95% of the plates accurately, but that is only the plates they read, and doesn't take into account all the plates that passed by their camera unread. The better test is to see how many plates (of a known quantity) the system reads, and then how many of those it got right. There can be a massive difference in overall accuracy.

The ALPR systems are not cheap. The average system costs about \$20,000. Adding cameras or function-

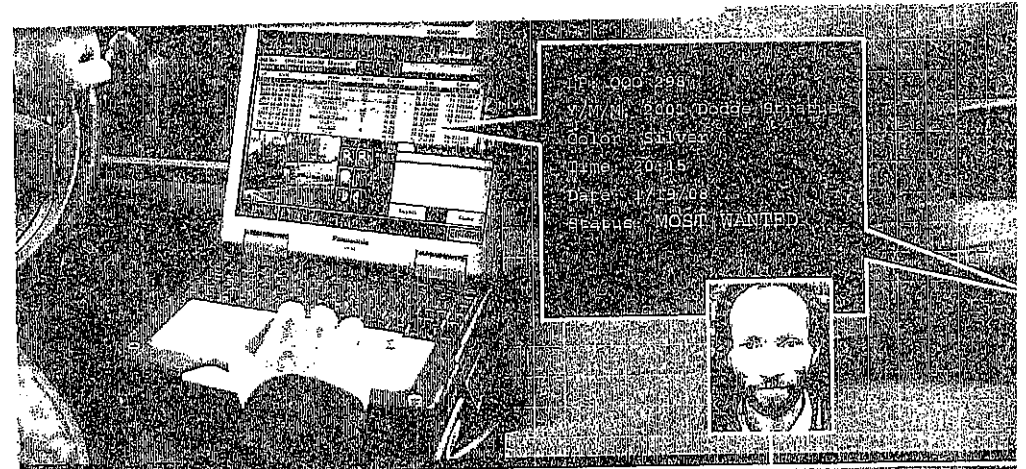
ality will increase costs accordingly. As with any technology, the next few years of ALPR development will see these systems get smaller, less expensive and fully integrated into existing police technology. As cameras get smaller and higher quality color /IR lenses are combined in single housings, the possibility of embedding ALPR into existing lightbars is probably not that far off.

As with any law enforcement technology advancement, there are always skeptics who believe that the more police can see, the greater the infringement on their right to privacy. Those concerned with their privacy should consider what's being developed in Australia. An ALPR camera that can

THIEVES, MOST WANTEDS AND DRUG DEALERS:

BUSTED

BY ADVANCED LICENSE PLATE READER



In Arizona, the Department of Public Safety is enjoying tremendous success with the Mobile Plate Hunter 900, a highly advanced Automatic License Plate Reader (ALPR). In just 16 months, one diligent officer read over a million license plates, made 100 arrests, recovered 157 vehicles, found 5 wanted persons, recovered \$80,000 in cash and removed 5 pounds of Meth from the streets. One officer. One MPH 900 reader. For criminals connected to a license plate, the streets of Arizona are no safe place to be.

Let the MPH 900 License Plate Reader aid your public safety missions by watching when you can't and suspecting what you don't. With superior algorithm technology, no other system comes close to its ease of deployment, capabilities, and accuracy.

MPH900
Mobile Plate Hunter

ELSAG North America, a Finmeccanica company
Global Leaders in Public Safety Technology
866-MPH900, www.elsag.com



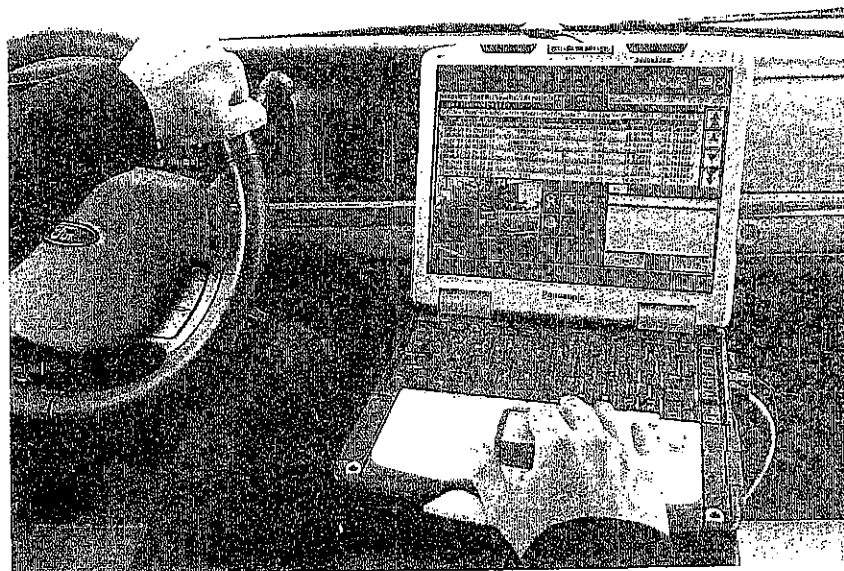
be concealed in a road stud has been developed by a company called Astucia Traffic Safety Systems (www.astucia.co.uk/) and is being tested on Australian highways.

ALPR doesn't see race or ethnicity, so racial profiling claims should be reduced, if not eliminated.

The traffic surveillance camera can take pictures of the license plates of cars speeding by at up to 150 miles per hour. The traffic surveillance camera

protrudes from the road surface only 5 millimeters. It is linked to a computer that can read and decode license plates written in either italic or cursive scripts. The camera is so sensitive that it can tell if your tires are balding as your car moves by at speed. The road stud measures the speed of the vehicle, as well. It can flash the car license plate and speed on a display at roadside, warning the driver to slow down. That will sure raise a few eyebrows when they start putting them in our highways!

Brad Brewer is a sergeant with the Vancouver Police Department. He can be reached at brad.brewer@vpd.ca.



The ELSAG Mobile Plate Hunter 900.

Alphabetical Listing

Access Control Technologies Inc
Peachtree City, GA
www.act-ga.net

Bosch Security Systems
Fairport, NY
www.boschsecurity.us

DataWorks Plus
Greenville, SC
www.dataworksplus.com

Decatur Electronics Inc
Decatur, IL
www.decaturradar.com



ELSAG North America
412 Clock Tower Commons
Brewster, NY 10509
866-967-4900
www.elsagna.com
• Public Safety Solutions
• Automatic License Plate Recognition Technology
See our ad on page 9



Federal Signal Corp
2645 Federal Signal Dr
University Park, IL 60466
800-264-3578
www.federalsignal.com/alpr
• Automated License Plate Recognition Systems (ALPR)
See our ad on page 7

G2Tactics Inc
Alexandria, VA
www.g2tactics.com

Genetec Inc
Saint-Laurent, QC
www.genetec.com

Hub-Data911

Hub-Data911
1819 Clarkson Rd
Chesterfield, MO 63017
636-532-4911
www.data911.com
• In-Vehicle Computer Systems
• Integrated License Plate Recognition (LPR) Technology
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INEX/ZAMIR Technologies
Knoxville, TN
www.inexzamir.com

Motorola
Schaumburg, IL
www.motorola.com

NDI Technologies Inc
Longwood, FL
www.nditech.net

Platescan Inc
Newport Beach, CA
www.platescan.com

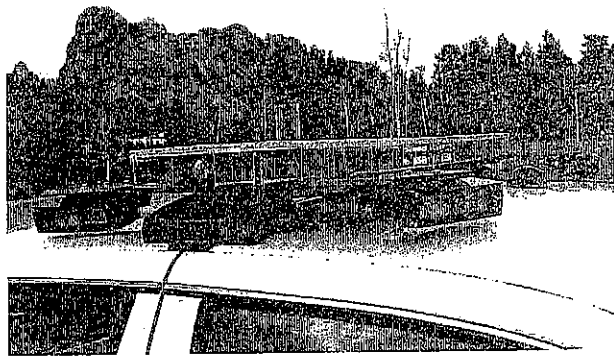
Vigilant Video
Livermore, CA
www.vigilantvideo.com

Visometrix / The GateWorks Group-California
Rancho Santa Margarita, CA
www.visometrix.com

PRODUCT SPOTLIGHT

PIPS / FedSig Plate Finder

Since 1990, one of the pioneers in ALPR technology has been PIPS Technology (www.pipstechnology.com), which is now part of the Federal Signal Corp. (www.federsignal.com). The company produces an ALPR system that has unique proprietary features unlike anything on the market. PIPS Technology is unique in that it is the only company that



ALPR Slate cameras with Legend.

designs, manufactures, and sells the ALPR system completely in house.

Tested by the Department of Homeland Security, the PIPS / FedSig system achieved the highest overall system accuracy rating of 91.7%. DHS showed the ALPR systems 50 plates and counted how many plates it read accurately. The next competitor was 64.6% in overall accuracy.

The PIPS / FedSig ALPR system uses one to four camera pods per

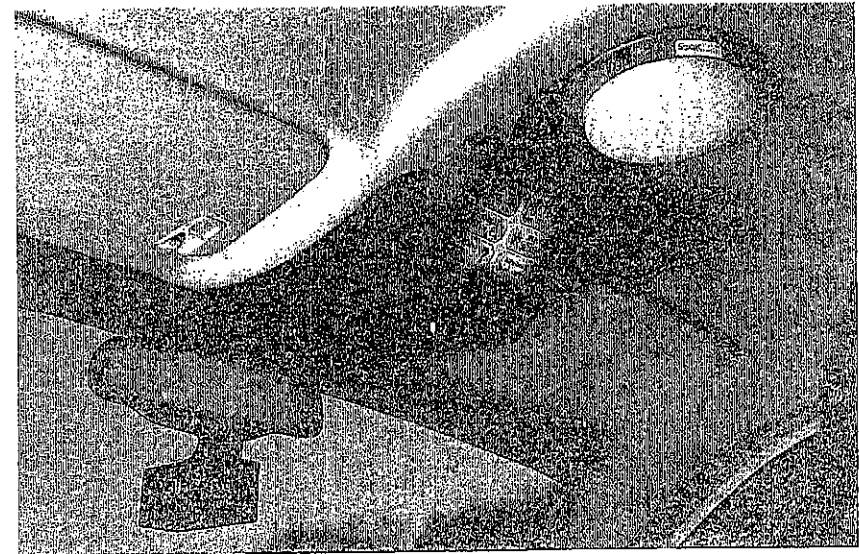
police vehicle. Each camera has an algorithm in it to search for plates called "Plate Finder," which is a patented PIPS process. It takes an image of the plate when it sees it. The system functions accurately from walking speeds all the way up to highway speeds over 150 mph, even on traffic moving in the other direction.

Infrared illuminators provide a light source for the IR cameras day or night and in almost any weather condition. The IR LEDs flash at different rates, and the camera modifies its shutter speed to give three or more images of a plate at different expo-

sure, then the computer chooses the best one to send to the processor. This is called "Triple Flash" and is also a patented PIPS process.

The PIPS / FedSig newest Slate cameras are by far the smallest on the market at (7.2 inches x 3.5 inches x 1.6 inches) with a weight of 3.3 pounds. This allows for a more stealthy installation and does not block any of the lightbar's light output.

Implementing In-Car Camera Systems for Front-Line Policing



WatchGuard DV-1.

By Brad Brewer

Technology in policing is changing faster than most of us can keep up with. Most senior front-line officers can remember a time when a single radio was mounted in the police vehicle along with a pad of paper and a map book. Today, we have young officers who have never policed without technology. They have never been in a patrol car without a laptop delivering on demand, real-time, critical information in seconds.

With all this technology, few offi-

cers would argue that no single technology has changed front-line policing more than mobile in-car video. Even the U.S. Supreme Court seems to agree, referring to in-car video as the "silent witness." In *Scott v. Harris* (2007), the argument was that Scott unreasonably used deadly force (PIT maneuver) to seize Harris. The 11th Circuit agreed. A review of the in-car camera video convinced the Supreme Court to reverse the 11th Circuit's decision and make summary judgment for Scott, a clear pro-police, pro-mobile video decision.

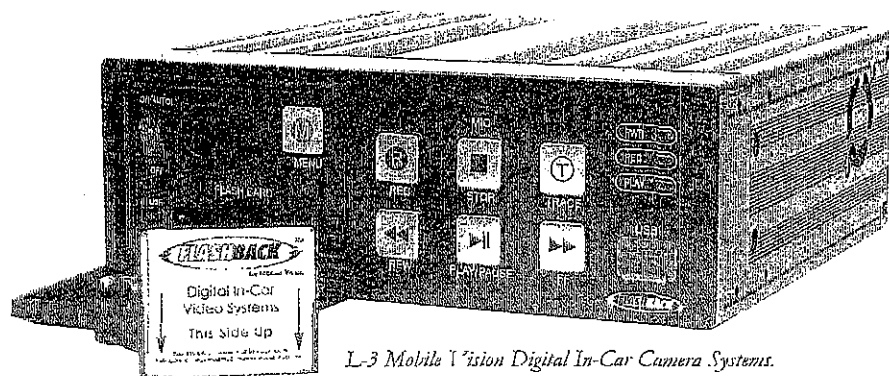
What started primarily as a tool to assist in DUI investigations has rapidly begun to provide other invaluable information and evidence to support officers who were perhaps skeptical of having a video camera working alongside them every shift.

In-car video intended for evidence in court has been influential in a majority of convictions, assisted in providing real-life training videos for police academies, quickly resolved citizen com-

plaints, and basically confirmed how professional front-line officers conduct themselves, regardless of what the media portrays. The International Association Chiefs of Police (IACP) studies show that 93% of the time a complaint is filed against police and there is video evidence available, the officer is exonerated.

was responding to a call with full lights and siren activated. Upon entering an intersection on a green light, the officer got T-boned by another driver. Numerous so-called "unbiased" civilian witnesses gave sworn statements that the officer went through a red light. Unbeknownst to them and the other driver, a second responding officer was just behind the officer involved in the accident.

This second officer fortunately had



L-3 Mobile Vision Digital In-Car Camera Systems.

plaints, and basically confirmed how professional front-line officers conduct themselves, regardless of what the media portrays. The International Association Chiefs of Police (IACP) studies show that 93% of the time a complaint is filed against police and there is video evidence available, the officer is exonerated.

In-car video is widely viewed as "a voice that speaks for officers when they can't speak for themselves." One example of this was when an officer

in-car video, and the video confirmed what the officer said. The light was in fact green. The officer was exonerated, and the other driver's civil suit was dropped primarily due to the irrefutable and impartial video evidence. Consider this incident and the potential liability along with lawsuit payouts when someone challenges spending the money for in-car video.

When planning to purchase in-car video, agencies need to consider if the equipment selected meets their needs

both now and into the future. Integration with existing mobile computing software, AVL/GPS systems and mapping applications should also be a factor. Benefit to the community also plays a role when trying to secure funding. A 2004 (IACP) study of 900 citizens from 18 states showed that 94% supported the use of in-car video, as long as they were told they were being recorded. Community support is important, and don't underestimate its influence on politicians or police board / commission members.

In-car video is made up of several components: a front-facing camera, a wireless microphone worn by the officer, a control panel / monitor some-

times on the same screen, and a recording device. Some agencies even add a second camera for prisoner transport in rear seat area. When choosing a hardware and software system, consider proven, commercial off the shelf (COTS) as

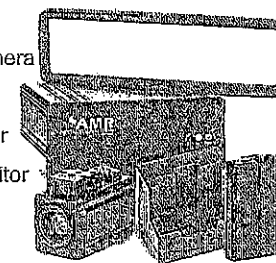
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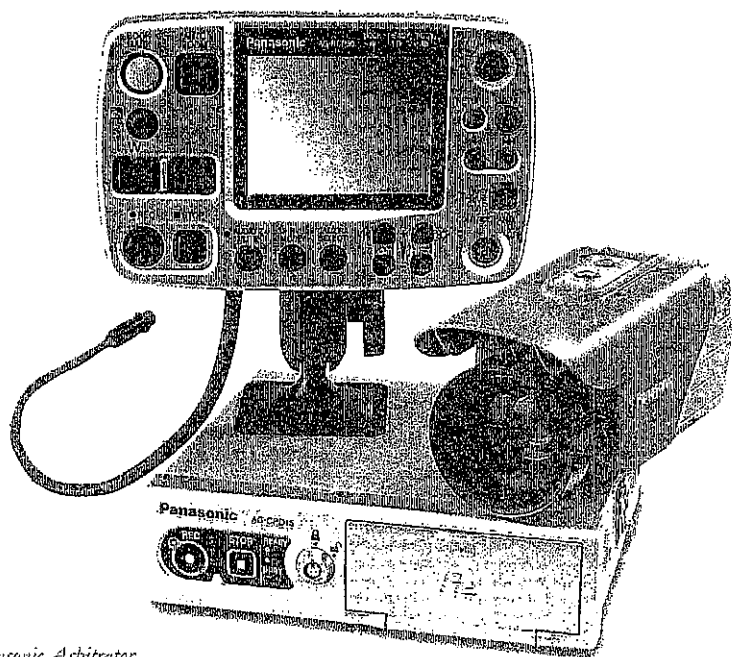
*Designed and Manufactured in the USA. Check website for details

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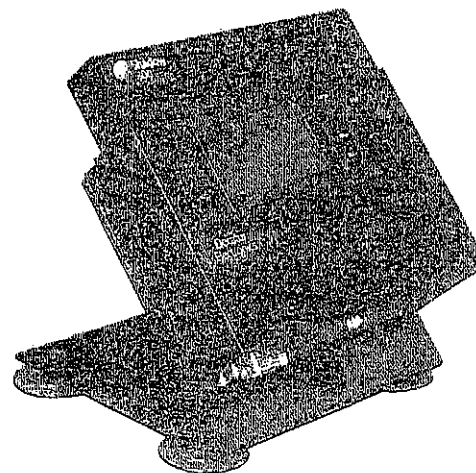
Remember that things like overhead consoles having protruding corners may injure officers in side-impact or roll-over incidents. Purchasing legacy technology for bargain prices can lead to poor support or obsolete service and no warranty.

The single most important part of any system should be quality of the video and the audio. If it is distorted or difficult to understand, no court is going to accept it as evidence. The original systems available had the option of analog VHS, SVHS, or 8mm tape, but those are almost legacy sys-

tems replaced by digital storage systems like CD, DVD, and hard drives (HDD).

Today, the recognized standard is essentially digital MPEG4 compressed and stored on an internal (in vehicle) tamper-proof HDD. These newer systems allow for complete continuity following the "chain of evidence" for solid court presentations. Best practices suggest an in-car camera system that doesn't allow the officer to touch the video after it is recorded.

The video would be transferred wirelessly through an encrypted data network like Wi-Fi hotspots at the station when the officer is finished with



Decatur Electronics Shadow 800

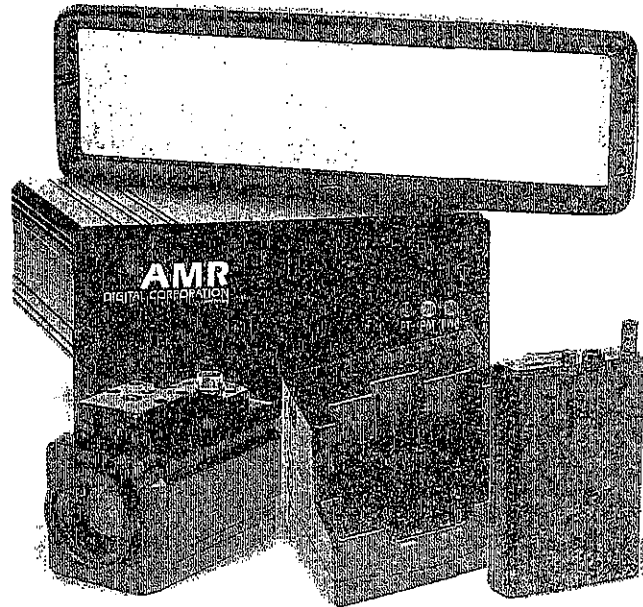
his shift. Once the video is sent from the vehicle HDD to the main video server in the station, only a specially designated technician with advanced training has the clearance to actually manipulate the data for court.

To ensure integrity every time the data is touched, there is an audit trail that can be produced in court if required. This system provides the least likelihood of court challenges and the greatest

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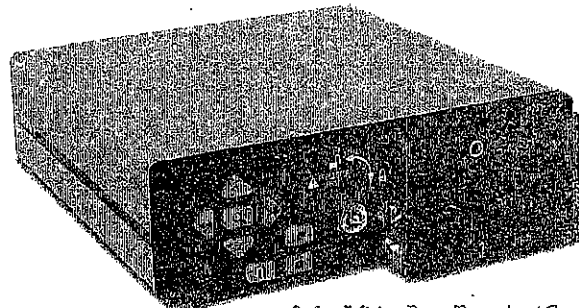
www.cobantech.com



AMR Digital In-Car Video

likelihood of court acceptance, thus leading to higher conviction rates.

Any agency considering the installation of in-car video needs to follow some basic rules. First, make sure you have support in order to obtain the required funding for a complete solution. Second, look around at what oth-



Safety Vision Patrol Recorder 4C.

ers in law enforcement are doing. Don't reinvent the wheel; just improve it a little. Third, consider a COTS product as apposed to a homemade system fraught with potential issues. Fourth, make sure adequate time and budgeting is allocated for training. There is nothing worse than deploying technology without proper training and then finding out every patrol vehicle has broken equipment because no one knew how to use it. This includes the development of departmental policies and procedures. Fifth, make sure adequate

video storage is allocated. Video, even in compressed MPEG4, takes up lots of room when you run 24/7/365.

In-car camera systems are complex. The IACP Technology Technical Assistance Program is an excellent resource for agencies to draw from. Through grants from the U.S. Department of Justice (DOJ), Office of Community Oriented Policing Services (COPS), and the National Institute of Justice (NIJ), the IACP has conducted numerous studies on the topic of in-car cameras.

It has also created industry standards for things like format, compression, transfer, storage and minimum performance specifications for digital in-car camera systems. It is these IACP standards that most vendors and law enforcement agencies use as the benchmark when designing and selecting their in-car video systems.

Brad Brewer is a sergeant with the Vancouver Police Department. He can be reached at brad.brewer@vpd.ca.

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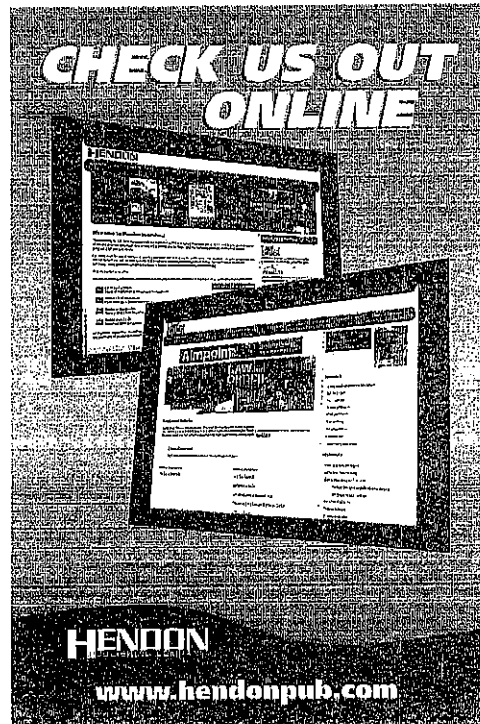
PRODUCT SPOTLIGHT

Raytheon DVU-1000

Raytheon (www.Raytheon.com) brings more than 80 years of experience working hand in hand with first responders to implement seamless communications solutions. Raytheon's digital in-car video system (DVU-1000), developed by Votan Research Corp., makes it easier for law enforcement agencies to capture evidence-admissible video and audio recordings without human intervention.

The DVU-1000 allows high-quality MPEG-4 ASP video to be recorded at D1 resolution with triggering by emergency lights, gun locks, vehicle speed, and many other agency-configurable activities. The system is GPS interface capable, as well. The front-line officers never touch the video storage media. Upon returning to the station, the wireless downloading begins, which reduces information technology support and training.

The Raytheon Evidentiary Media Server (EMS) software allows for online storage, and it facilitates viewing, organizing and augmenting the evidentiary record. Only authorized users can view the video segments on the server in preparation for court appearances, with a complete audit trail and logs compliant with the chain of custody regulations. Video can be searched in many ways via date, time, shift, officer, race code, offense code, record trigger and vehicle. The DVU-1000 system is a very clean and simple solution for agencies looking for a cost-effective digital video application.



Alphabetical Listing

A Plus Identification and Security
Claremont, CA
www.aplusid.com

Acura Embedded Systems Inc
Las Vegas, NV
www.acuraembedded.com

Adams Evidence Grade
Technology Inc

Utopia, TX
www.evidencegrade.com



AMR Digital
6825 Hobson Valley Dr,
Ste 304
Woodridge, IL 60047
888-285-7830
www.amrdigital.com
• *In-Car Mobile Digital Video
Recording (MDVR) Equipment*
See our ad on page 15

Apollo Video Technology
Woodinville, WA
www.avi-usa.com

CamLite Corp
Phoenix, AZ
www.camlite.com



Coban Technologies Inc
12503 Exchange Dr, Ste 536
Stafford, TX 77477
281-277-8288

www.cobantech.com
• *Mobile Digital Video Recorders*
• *Coban TopCam II System*
• *Coban VMDT II System*
• *Coban DVMS*
See our ad on page 17

Crime Point Inc
Camarillo, CA
www.crimepoint.net

CRU-DataPort
Vancouver, WA
www.cru-dataport.com

Custody Video Technology Group LLC
Marietta, GA
www.custodyvideo.com

Decatur Electronics Inc
Decatur, IL
www.decaturradar.com



Digital Ally Inc
7311 W 130th St
Overland Park, KS 66213
800-440-4947
www.digitalallyinc.com

- *Advanced Digital Video Police Camera*
- *Law Enforcement Surveillance Equipment*

DriveCam Inc
San Diego, CA
www.drivecam.com

Eagle Eye Technologies Inc
Rome, GA
www.eagleeyetech.com



ADVANCING SURVEILLANCE TECHNOLOGY

ICOP Digital Inc
16801 W 116th St
Lenexa, KS 66219
913-338-5550
www.icop.com

- *Surveillance technology including digital in-car video recorder systems for law enforcement*
- *The ICOP Model 20/20®*
- *ICOP Guardian™*



Insight Video Net
10400 Trademark St
Rancho Cucamonga, CA
91730-5826
909-367-1800
www.insightvideonet.com

- *Mobile Management System (MMS) Software*
- *State-of-the-Art Mobile (In-Car) Solution*

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International Police Technologies Inc
Tulsa, OK
www.policetechnologies.com

L-3 Communications Mobile-Vision Inc
Boonton, NJ
www.mobile-vision.com

Martel Electronics
Yorba Linda, CA
www.marteldigital.com

Mobile Digital Systems Inc
Columbia, MD
www.mobiledigitalsecurity.com

Motorola
Schaumburg, IL
www.motorola.com

NetLogix
San Diego, CA
www.netlogix.com

Netvision Mobile Video Surveillance
Greenville, SC
www.netvisionmobile.com

Pannin Technologies LLC
North Little Rock, AR
www.pannin.com

Prosecutor of Texas LLC
Humble, TX
www.policevideo.com

Reliance Technologies Inc
Issaquah, WA
www.reliance-tech.com

RoboVu LLC
Phoenix, AZ
www.robovu.com

RVision Inc
San Diego, CA
www.rvisionusa.com

Safety Vision L.P.
Houston, TX
www.safetyvision.com



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Princeton, NJ 08543
609-734-2553
www.sarnoff.com

- *Video ResolvR™*
- *Video Enhancement Software Solution*

See our ad on page 24

SecureEye Systems Inc
Lynnwood, WA
www.sesysinc.com

Security With Advanced Technology
Westminster, CO
www.swat-systems.com

Seon Design Inc
Coquitlam, BC
www.seon.com

Signal Measurement Corp
Magnolia, TX
www.smc-corp.com

Skaggs Public Safety Uniforms & Equipment
Salt Lake City, UT
www.skaggscompanies.com

TW Mobile Engineering
Santee, CA
www.thunderworks.net

Ultimate Vision Systems Inc
Chino, CA
www.4uvs.com

VideoComm Technologies
Oakville, ON
www.videotransmitters.com

Video Systems Plus Inc
Bryan, TX
www.videosystemsplus.com

WAAV Inc
Cambridge, MA
www.waav.com



WatchGuard Video
3001 Summit Ave
Plano, TX 75074
800-605-6734
www.watchguardvideo.com

- *WatchGuard DV-1*
- *Digital In-Car Video System*

See our ad on page 2

Video ResolvR™

Turn Bad Video into Clear Evidence



In criminal investigations, the need for conclusive, tangible evidence is acute. Video ResolvR™ is a video enhancement software solution that uses super fusion™, contrast normalization and frame averaging to turn poor-quality surveillance footage into irrefutable, easy-to-interpret evidence. Offset the ambiguity of eyewitness accounts with Sarnoff's proven technique for gathering the compelling evidence needed to close cases.

Get a free trial!

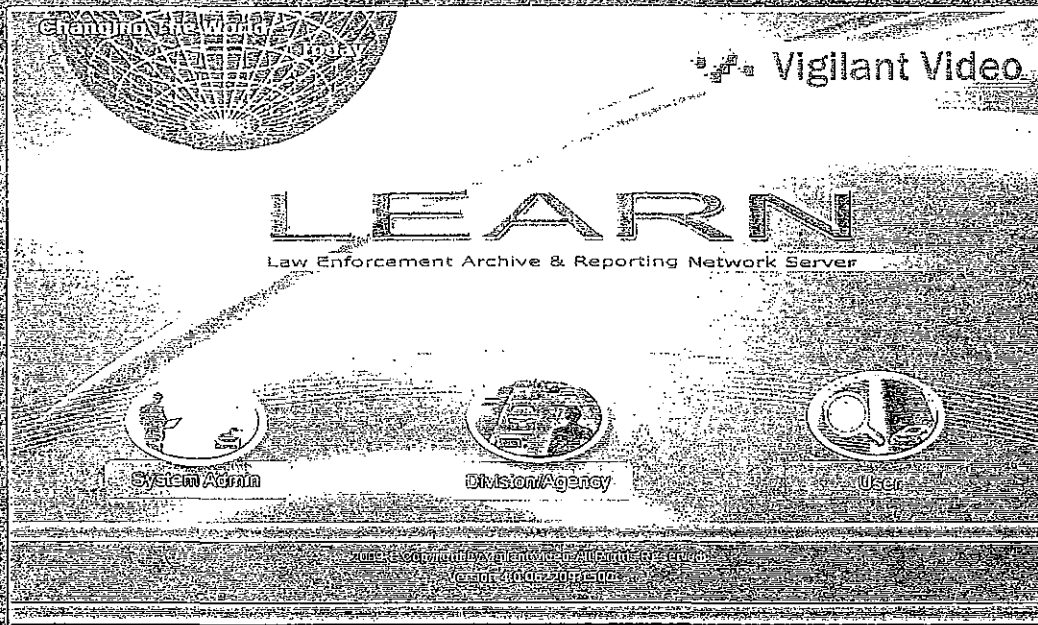
Contact us now to receive a free, fully-functional 30-day trial version of Video ResolvR™ software.



609-734-2863 | support@sarnoff.com
www.sarnoff.com/video-resolv

Vigilant Video

LEARN



LAW ENFORCEMENT
ARCHIVAL REPORTING NETWORK

Changing the World...

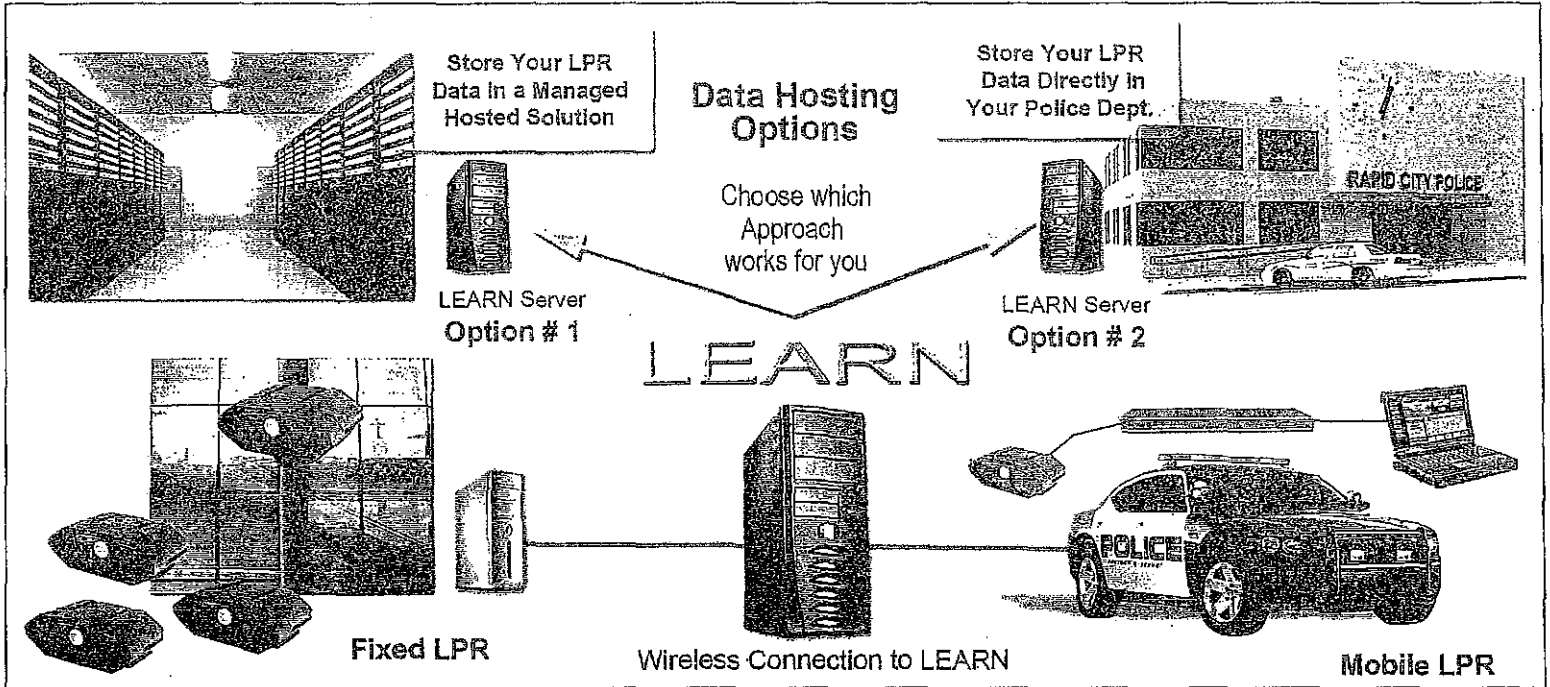
Today!



www.vigilantvideo.com

Vigilant Video

LEARN Architecture - An Enterprise Solution



LEARN is the most comprehensive LPR data system available. LEARN establishes controlled access of historical and current LPR information, serves as a "Hot-List" management tool and features immediate CarDetector fleet record comparisons through multi-level record storage. Leveraging the option of the industry's only NCIC approved data center for record management, storage and searching, LEARN represents an unparalleled utility for using LPR data in the fight against crime.

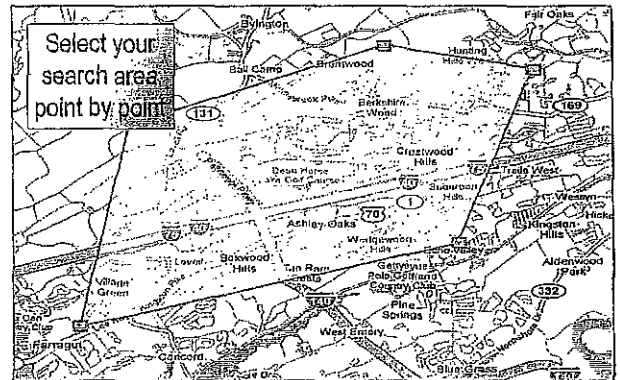
Forensic Capabilities

The screenshot shows a software interface with a map on the left displaying 'LPR Data Scans' and a '- HIT - Stolen Vehicle' marker. On the right, 'PLATE INFORMATION' is displayed for plate '193-WYL', including a 'Plate Image' and a 'Car Image'. Below the car image, the following data is shown: Plate 1: 193WYL, Plate 2: 193WYL, Vehicle Time: 8/5/2009 3:07:49 PM, Longitude: -112.021201, and Latitude: 33.421968. A 'Show Address' button is at the bottom.

- Centralize all of your LPR data in one location for PD access
- Map multiple scans - generate and understand behavioral trends
- View "Hit" densities in your community - maximize your resources
- Data analysis for department planning & proactive crime reduction

Investigate Manage Archive

- Search partial plates to help solve crimes more effectively
- Automated statistical reporting tools with customized reports
- Historical "Hot-List" matching with automated email alerts
- Access to the largest private LPR database to enhance a police department's intel and advanced investigations



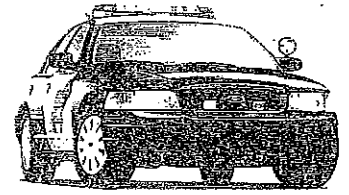
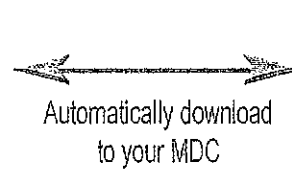
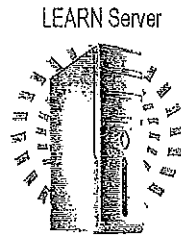
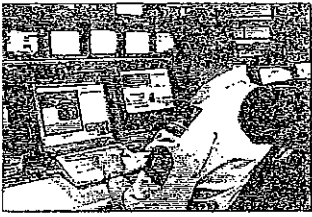
Geographic Searching - locate vehicles in a geo-fenced area

LEARN

Wireless Software Updates

Imagine updating your entire fleet at the push of a button!

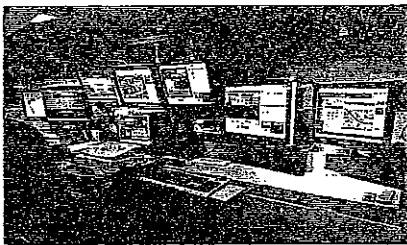
Increase officer safety while managing your fleet!



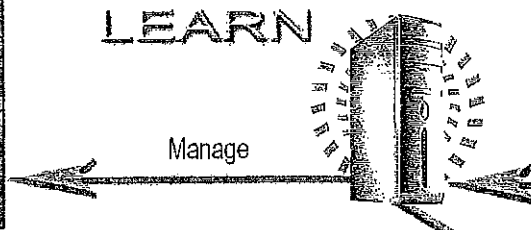
Software updates are managed by LEARN and sent automatically to every LPR vehicle

- Free valuable IT staff from having to update manually
- Eliminate the need to take police vehicles off the streets

Hot-List Management



LEARN



Manage

HOT LIST
4O66GR2
4O78D24
4TT834S
4VXR900
4WPE6J2
4WP8514
4W886L5

Download

Update

National Crime Information Center (NCIC)



Vigilant Video's LEARN server has the intelligence to manage an unlimited number of 'Hot-Lists' - automatically downloading any state or local 'Hot-List' file and ensuring your LPR vehicles are current with real time updates.

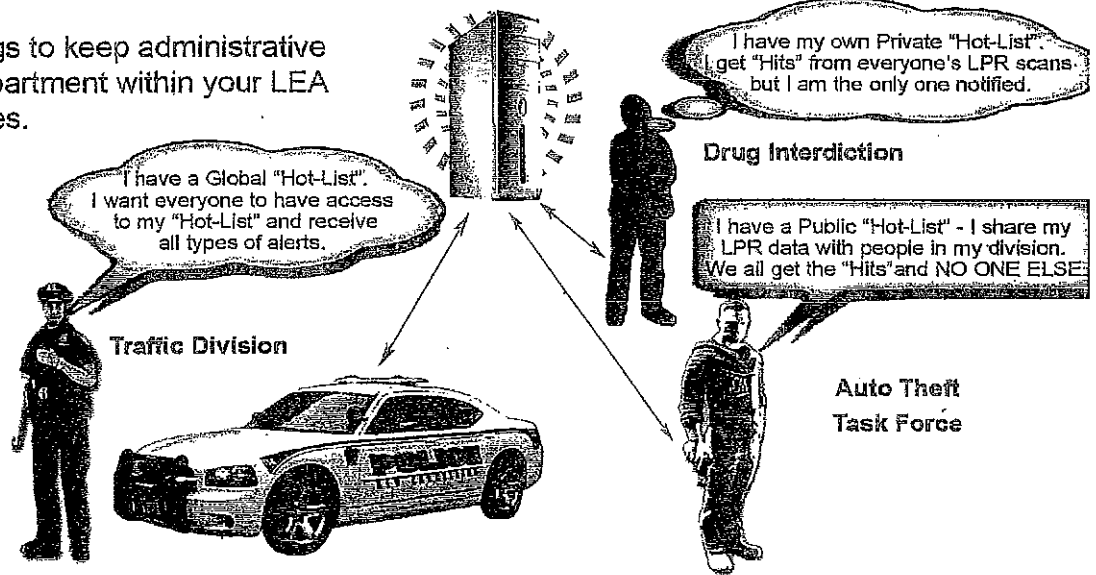


Police Department Management

LEARN has 'User' account settings to keep administrative levels separate allowing each department within your LEA to stay focused on its own priorities.

Secure Interoperability

Within the framework of LEARN there are many ways to manage priorities and maintain data integrity.



From stolen vehicles to felony warrants to parking tickets, your LEARN server will offer you the most effective methods of data management limited only by your imagination.

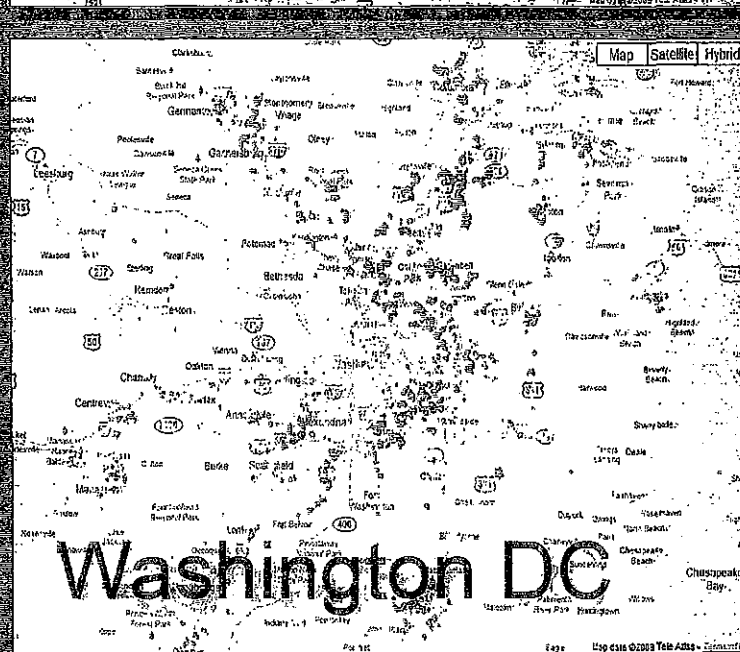
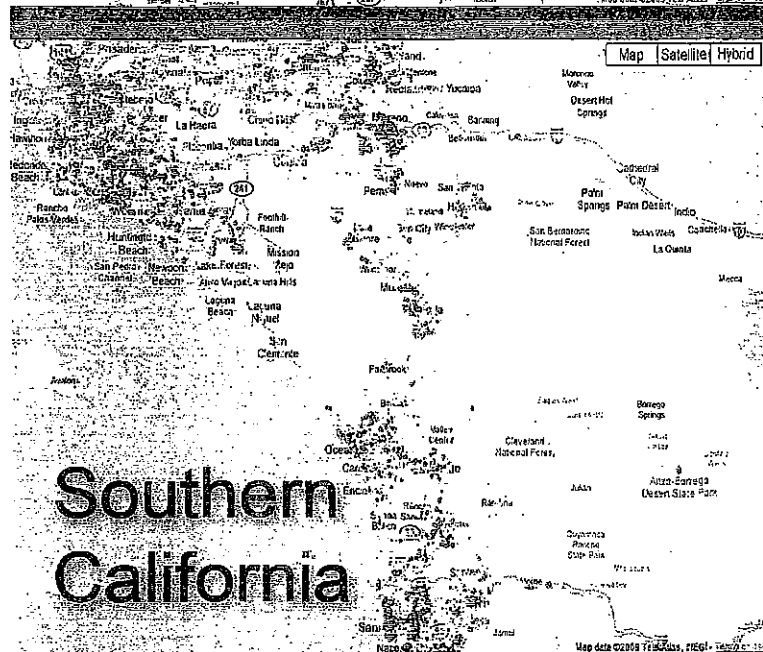
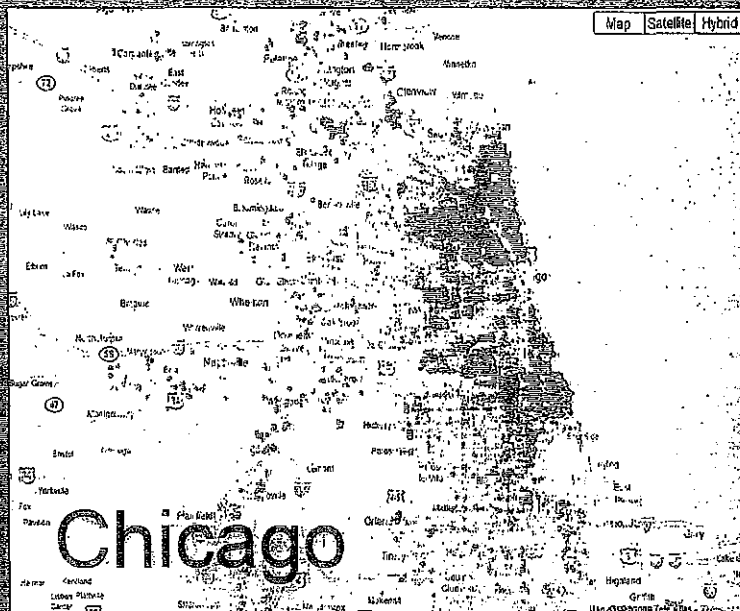
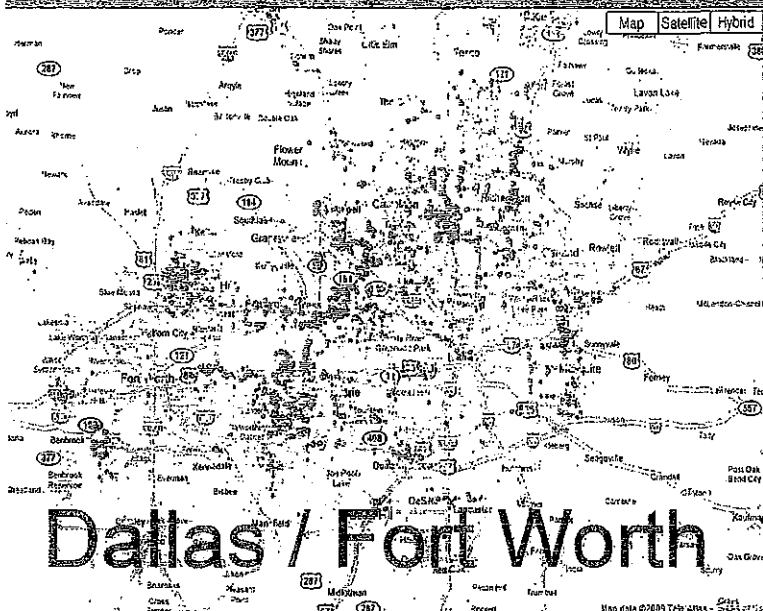
www.vigilantvideo.com

LEARN

National Vehicle Location Services - NVLS

National Vehicle Location Services (NVLS) is a conglomerate of privately collected License Plate Recognition data scans. This LPR data is now available for sharing with law enforcement agencies brought to you exclusively by Vigilant Video. Today the NVLS database contains over 100,000,000 plate records from cities across the US.

Vigilant Video National LPR Scan Density Maps



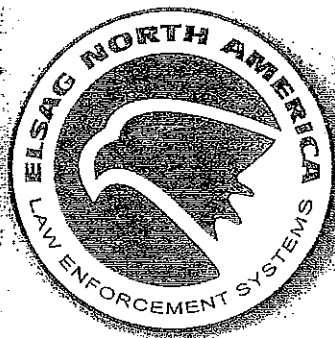
LEARN - Making the national database happen

Vigilant Video
www.vigilantvideo.com

Email:
sales@vigilantvideo.com
support@vigilantvideo.com

Vigilant Video, Inc.
2021 Las Positas Ct. Suite # 101
Livermore, CA. 94551
(925) 398-2079

Document ID	DID-00002112
Date	18 December 2010



Information.
Security.
Confidence.

Advanced Technologies for Law Enforcement

FOR A FREE COPY OF OUR BROCHURE

Unprecedented ALPR Technology

Information is Power. With 70% of all crime connected to a vehicle, deploying the MPH-900—the most advanced License Plate Recognition technology available—to assist with a wide range of missions will help your agency realize remarkable successes. The MPH-900 arms Law Enforcement with real time knowledge and post-action criminal intelligence increasing the day-to-day productivity of individual units, and

giving agencies the power to make the difference between life and death in a crisis. This system is proving to be a force multiplier so powerful that its positive impact on the safety and security of our communities is definite and immediate.

- Stolen Vehicle / Amber Alert
- Stolen Tag
- Wanted or Missing Persons
- Suspended Motorist
- Scofflaws

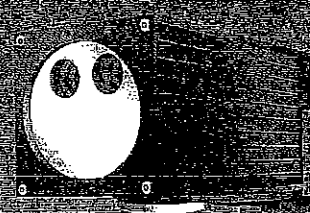
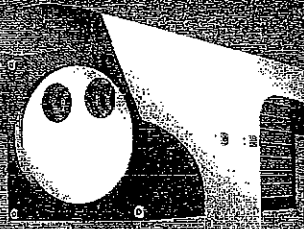
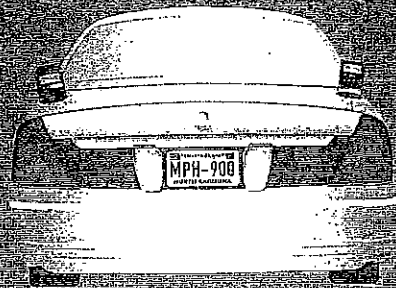


Components of the MPH-900

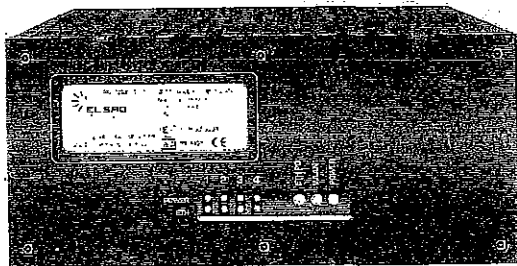
Progressive infrared cameras, a processing unit and proprietary software allow officers to capture license plate images and instantaneously compare them with millions of Hot List records to identify vehicles of interest.

Cameras

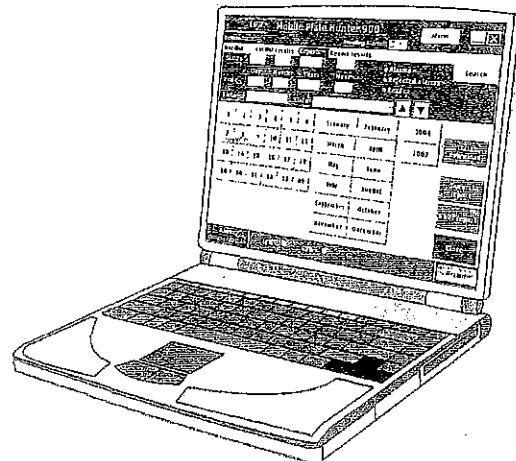
Mobile cameras are mounted to police vehicles. Fixed cameras are mounted to bridges, gates or overpasses.



Processing Unit



Proprietary Command Center Suite Software



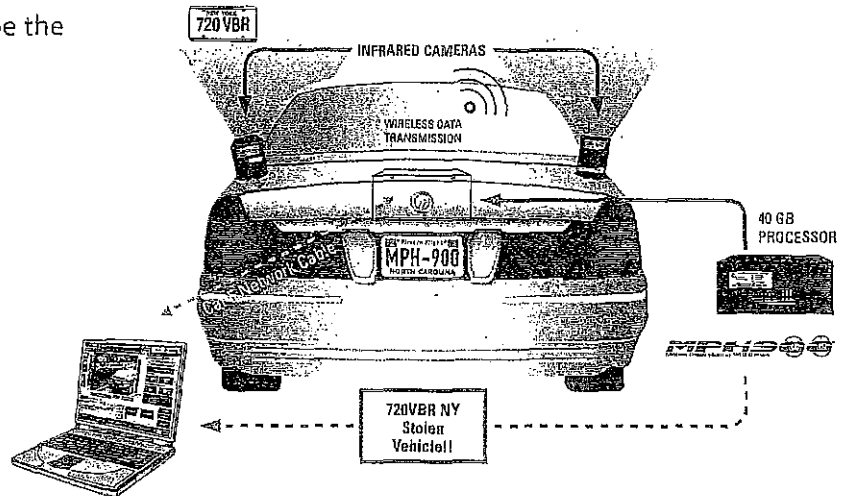
MPH900

Mobile Plate Hunter 900 Series

Real-Time Technology

Real-time information greatly increases the odds of resolving issues and in severe situations can be the difference between life and death.

- Captures 1,500 license plate images per minute reading all 50 States, Canada, and Mexico
- Processes parked and moving vehicles across up to 4 lanes of traffic, day or night, in any weather
- 120 MPH closing speeds, 75+ MPH passing speeds
- Alerts officers within milliseconds if a vehicle is suspect



Criminal Intelligence Support

The MPH-900 captures thousands of license plates during a shift. Data recorded for each includes date and time stamp, photo of vehicle and immediate area, and GPS coordinates. After Action Analysis of this data from relevant periods of time can lead to...

- Witness identification
- Placing suspect at a scene
- Pattern recognition
- Watchlist development
- Terrorist interdiction

Officer Safety

When The MPH-900 reads a license plate that matches a Hot List file, officers are alerted immediately. The alert communicates the nature of the crime or infraction associated with the plate so officers understand the risk associated with that interdiction before ever getting out of the car.

Hot List Updating

Hot Lists are more up to date than ever before. They can be updated manually by officers in the field at any time. They can also be updated by the Command Center and transmitted to field units wirelessly.

Geo-mapping

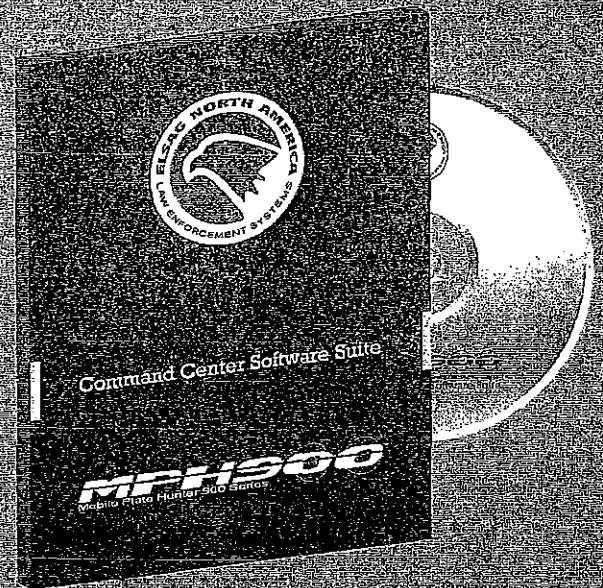
With GPS coordinates provided by the MPH-900, exact locations of each license plate captured can be determined quickly in situations when every minute counts.

Aiding Law Enforcement with Remarkable Technological Advantages

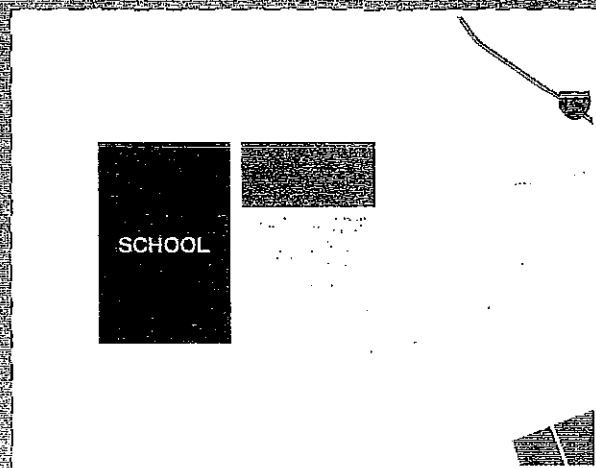
Command Center Suite Software

Command Centers supervise a network of hundreds of fixed and mobile systems so all field units can work together quickly and efficiently.

- Updates to Hot Lists are communicated faster
- Patrol units are more informed and can work in sync
- Tracking and pursuit of suspect vehicles can be carried out with the highest level of strategy, communications and teamwork
- Backup units are deployed more efficiently
- Case open to close times are minimized
- Data captured by each MPH-900 system can be downloaded to the Command Center and stored for later review and investigations



Geo-fencing



Let the MPH-900 keep an eye on sensitive areas, such as a school, by creating a virtual barrier around its perimeter. If cars associated with suspect individuals cross the geo-fence, officers will know immediately and can respond appropriately.

geo-fence

Amber Alert Generator

When a partial plate number is all you have, the Amber Alert Generator will create a list of all the possibilities for the complete plate number. This list can be added to incident Hot List, allowing officers to compare new reads against it. If there's a match, the suspect vehicle can be verified as legitimate or false. This capability can create the difference between life and death. There is an Amber Alert Generator available for every state.

Homeland Security

Homeland Security applications of the Mobile Plate Hunter 900, Fixed Plate Hunter 900 and Command Center Suite software are creating a powerful security force across the country. A combination of patrol car-mounted systems and fixed systems (mounted to bridges, gates and other high-traffic areas) can help keep a tight watch on entire cities, ports, borders and other vulnerable areas. Even cargo container identifications can be read from cameras on aircraft 1500 feet in the air. And every camera is capturing critical data such as color photos, date and time stamps, as well as GPS coordinates on every vehicle that passes or is passed by. This information creates an incredible database that can provide a wealth of clues, aiding Criminal Intelligence efforts.



For the latest in exciting ALPR technology,
contact Mark Windover, President.

ELSAG North America Law Enforcement Systems
412 Clock Tower Commons, Brewster, NY 10509

Phone: 866.9MPH900 or 866.967.4900
Fax: 336.379.7164

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www.elsagna.com



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913/599-5020 fax
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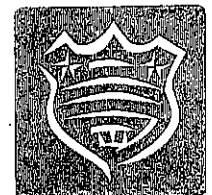


Automatic License
Plate Recognition

the silent partner



LAW ENFORCEMENT
SOLUTIONS



ALPR TECHNOLOGY for LAW ENFORCEMENT



Automated License Plate Recognition (ALPR) from PIPS Technology is rapidly growing as an effective tool to combat criminal activity, enhance productivity and improve officer safety.

Local, state and federal agencies worldwide have adopted ALPR systems to improve the efficiency and effectiveness of their enforcement efforts.

ALPR works day or night, and in adverse weather conditions, by using an infrared camera to capture images of plates. Using Optical Character Recognition, the plate image is then translated into text which can be used for database matching purposes.

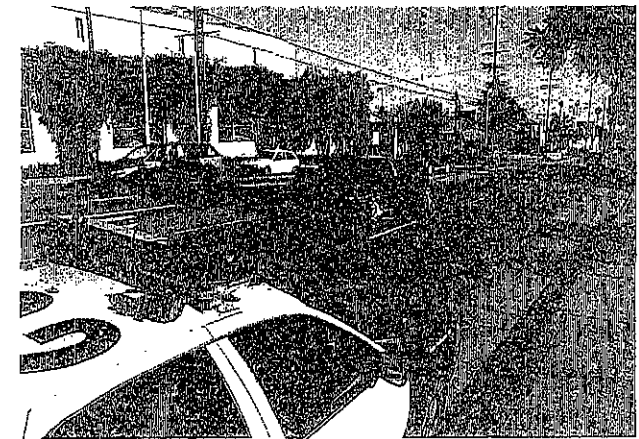
APPLICATIONS

- Stolen Vehicle Recovery
- Identification of Felons or Wanted Individuals
- Monitoring School and Playground Perimeters for Sexual Predators
- Amber Alerts
- Identification of Delinquent Citations for Revenue Enforcement
- BOLO Suspects
- Crime Scene Intelligence and Surveillance
- Monitoring of Gang Activity and Locations
- Drug Enforcement



PIPS Technology designs, manufactures and supports a complete line of ALPR equipment, a claim that few others can make.

From fixed systems to processors, mobile systems to software, installation services to customer support, PIPS Technology is truly a one-stop source for law enforcement ALPR technology.



Using PIPS Technology as your source for ALPR will put you in good company. Agencies across the nation and around the world have adopted PIPS Technology as the standard for ALPR technology solutions.

With offices and support personnel in two US locations and one in Europe, PIPS Technology is always there to provide its customers with the support they expect and deserve.

www.pipstechnology.com

BENEFITS

REVENUE GENERATION

Improve collection of unpaid citations and taxes by utilizing the system to identify vehicles with outstanding traffic and parking violations. When used for revenue generation, many agencies will achieve ROI in 90 days or less!

ENHANCED EVIDENCE and DOCUMENTATION

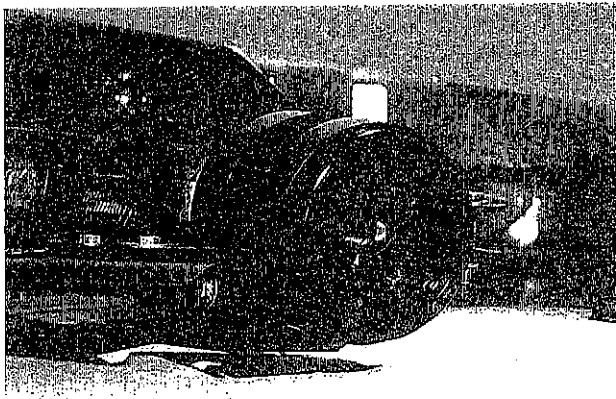
The system captures and stores a permanent record of everything it sees. The data is encrypted, automatically dismissing any claims of evidence tampering.

ELIMINATION of DISCRIMINATION CLAIMS

Because the system sees and reads every plate – not just those of suspicious looking vehicles or persons, discrimination claims may be laid to rest.



INCREASE PRODUCTIVITY

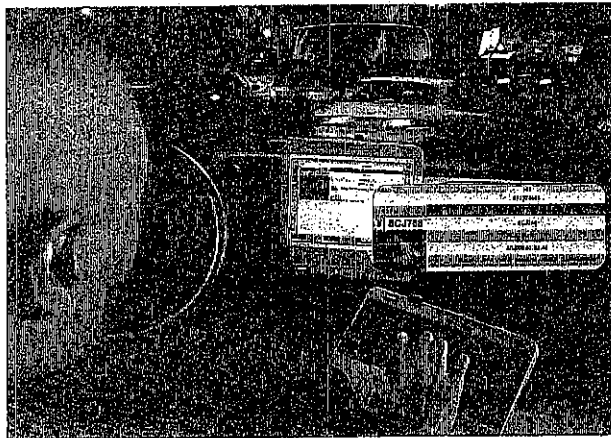


Each PIPS Technology ALPR system acts as a force multiplier...an aggressive officer could enter in a few hundred plates per day while the system is capable of logging thousands.

With remarkable capture and read rates, even at vehicle speeds up to 160 miles per hour, the system can check tens of thousands of plates per shift, freeing up the officer for other duties.



IMPROVE OFFICER SAFETY

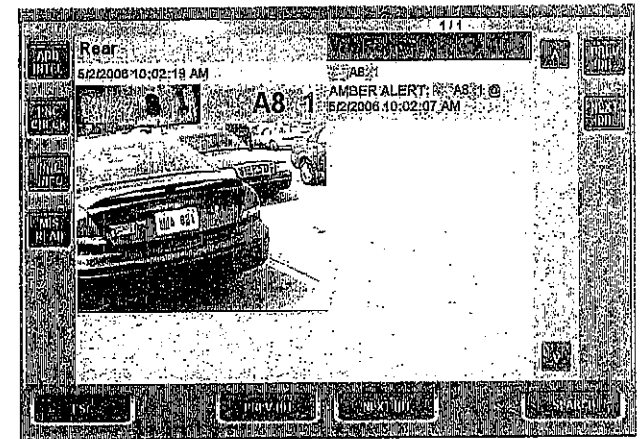


The system provides historical data associated with a license plate.

By making officers aware of their surroundings and alerting them to potentially dangerous situations before they happen...ALPR can help to avoid conflicts and save lives.



BOOST IDENTIFICATION SPEED and ACCURACY



With PIPS Technology ALPR solutions, integration and accessing up-to-the-minute data is fast and seamless.

Databases can be easily maintained and new information can be quickly uploaded across all deployed units for improved enforcement with a PIPS Technology back office system

While ALPR technology is an investment, many customers find that it quickly pays for itself.

PIPS Technology is able to provide the highest quality equipment and service at a competitive price by configuring a system from its broad product range that best meets the client agency's needs.

FOR MORE INFORMATION

Please call one of our offices or visit us online for details on PIPS Technology ALPR solutions for law enforcement and our complete line of automatic license plate recognition technology.

*PIPS Technology...the most advanced
license plate recognition systems in the world*



Worldwide/USA Headquarters

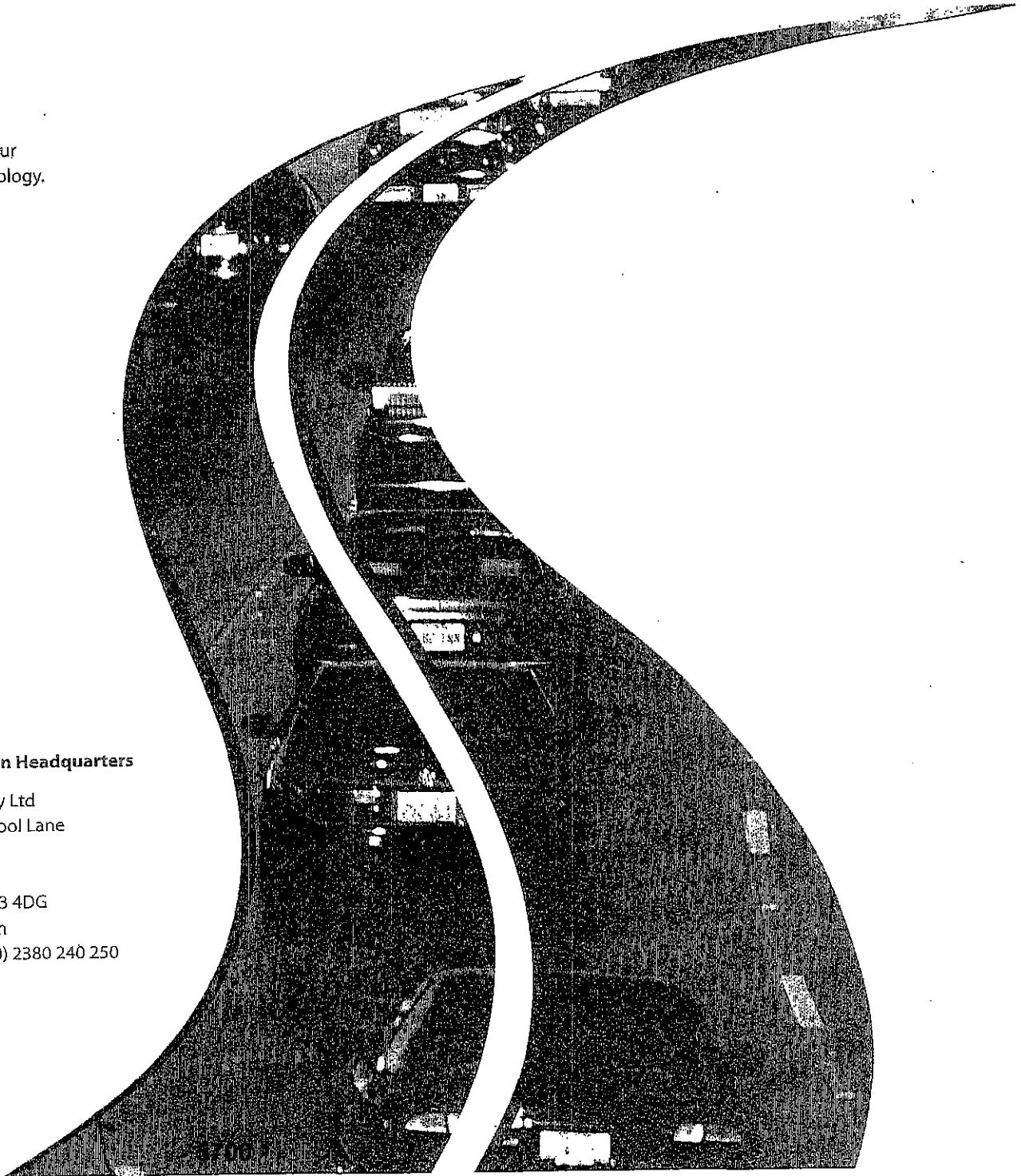
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Tel +1 818 615 2018

European Union Headquarters

PIPS Technology Ltd
York House School Lane
Chandlers Ford
Eastleigh
Hampshire SO53 4DG
United Kingdom
Tel +44 (0) 2380 240 250



**ELSAG North America
Law Enforcement Systems, Inc.
Return Goods Authorization**

12500 W 87th Street Lenexa, KS 66215 United States	12500 W 87th Street Lenexa, KS 66215 United States
----------------------------------------------------------	----------------------------------------------------------

RGA #	RGA Date	Case Number
ENA11447	06/29/2012	201222941

Product: MPH-900 ST3 (110083)
S/N#: PB20198-PB10159-2501191-1601147-2500355
Problem Description:

Additional Instructions: Case Subject: split camera cable replacement

Case Description: customer called in stating his camera cable was bad. when swapping ports the problem follow the camera and cable. he replaced the cable and the system worked. he is requesting a replacement. waiting on serial number of the unit before proceeding.

Case RGA Comment: Requesting Camera cable replacement part #: 411308, 10 feet.

Attn: Keith Hale
12500 W 87th Street
Lenexa KS 66215

Customer Authorized Signature / Date

Keith Hale 7/5/12

ELSAG Authorized Signature / Date

Billing sign off:

To: Customer

Upon receipt of this package please use this Return Authorization to return defective product to:

ELSAG North America
205-H Creek Ridge Road
Greensboro, NC 27406

If you were invoiced for your replacement product, your account will be credited upon receipt of defective product.

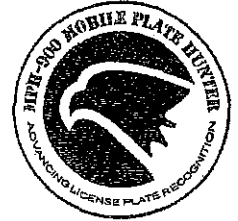
Please include a copy of this RGA with the defective product in the return shipment.

Thank you.

ELSAG North America
336-379-7135
336-379-7164 Fax



ELSAGNorthAmerica
A Finmeccanica Company



ELSAG NORTH AMERICA, LLC
SIX (6) MONTH LIMITED REPAIR WARRANTY

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for a period of six (6) MONTHS from the date of installation by the original end- user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

EXCLUSIONS AND LIMITATIONS

ELSAG does not warrant that the operation of the Product will be uninterrupted or error free. ELSAG is not responsible for damage arising from failure to follow instructions relating to the Product's use. This warranty does not apply: (a) to errors or defects caused by persons or entities other than ELSAG, including, without limitation, errors or defects in any third-party software or products and errors or defects caused by modifications to the Product (including upgrades and repairs) by someone other than ELSAG or an ELSAG Authorized Service Provider; (b) to any breach of the Product (camera and trunk box/processing unit) seal by someone other than ELSAG or an ELSAG Authorized Service Provider; (c) to pre-existing conditions in the installation environment or vehicle; (d) to damage from accident, abuse, misuse or introduction of foreign objects into the Product; (e) to unauthorized Product repairs, modifications or alterations; (f) to failure to follow the manufacturer's instructions; (g) to third party actions (i.e., fire, collision, vandalism, theft, etc.); (h) to elements of acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass, batteries and any and all cables.

7 Sutton Place, Brewster, NY 10509 Direct: 845-278-5425 Toll Free: 877-77-ELSAG www.elsag.com



ELSAGNorthAmerica

A Finmeccanica Company



TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, ELSAG SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ELSAG CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY ELSAG IN ITS SOLE DISCRETION. No ELSAG reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

ELSAG's maximum liability under this Warranty, whether in contract, tort (including negligence or strict liability), or otherwise, shall be the cost of repair or replacement of the affected Products. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PROVIDED BY LAW, ELSAG IS NOT RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION, WHETHER OR NOT ELSAG IS OR HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.

ELSAG North America Law Enforcement Systems, Inc. Return Goods Authorization

Lenexa Police Department 12500 W 87th Street LENEXA, KS 66215 United States	Lenexa Police Department ATTN: Dave Wilson 12500 W 87th Street Lenexa, KS 66215 United States
------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------

RGA #	RGA Date	Case Number
ENA11197	04/04/2012	201221196

Product: 25mm ADM3 SPLIT CAMERA (420100)
S/N#: GSPBA00016
Problem Description:

Component: LH Camera
S/N#:
Problem Description:

Additional Instructions: Case Subject: Intermittent B/W, left rear

 Case Description: Switched cables and ports. Problem follows camera, but is somewhat intermittent.

 Case RGA Comment:
 Replace 25mm SPLIT camera GSPBA00016.

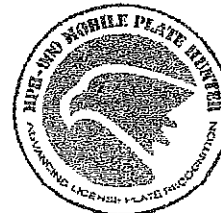
Customer Authorized Signature / Date

ELSAG Authorized Signature / Date

Billing sign off:



ELSAG North America
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DISCLOSURES

RETURN & RESTOCKING POLICY

ELSAG North America takes our client satisfaction very seriously. We understand that from time to time clients may be faced with a purchase that they were not completely satisfied with. We will accept returns under the following conditions:

- > The customer is to call Elsas Support at 866-967-4900 to request a Return Authorization Number.
- > The returned equipment must be shipped back to Elsas within 14 days of the Return Authorization Number request.
- > New, unopened systems (if shipped within 60 days) can be returned. A 10% restocking fee will be charged.
- > Lightly used systems in excellent physical condition (if shipped within the last 120 days) can be returned. A 25% restocking fee will be charged.
- > Used systems with light physical wear (if shipped within the last 120 days) can be returned. A 35% restocking fee will be charged.
- > Refunds will be applied against the outstanding balance upon receipt of payment (if there is an outstanding balance).
- > Returned equipment shipped at customer expense.
- > Damaged equipment may not be returned.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED HARDWARE WARRANTY

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for a period of ONE (1) YEAR from the date of installation by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received

within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

EXCLUSIONS AND LIMITATIONS

ELSAG does not warrant that the operation of the Product will be uninterrupted or error free. ELSAG is not responsible for damage arising from failure to follow instructions relating to the Product's use. This warranty does not apply: (a) to errors or defects caused by persons or entities other than ELSAG, including, without limitation, errors or defects in any third-party software or products and errors or defects caused by modifications to the Product (including upgrades and repairs) by someone other than ELSAG or an ELSAG Authorized Service Provider; (b) to any breach of the Product (camera and trunk box/processing unit) seal by someone other than ELSAG or an ELSAG Authorized Service Provider; (c) to pre-existing conditions in the installation environment or vehicle; (d) to damage from accident, abuse, misuse or introduction of foreign objects into the Product; (e) to unauthorized Product repairs, modifications or alterations; (f) to failure to follow the manufacturer's instructions; (g) to third party actions (i.e., fire, collision, vandalism, theft, etc.); (h) to elements of acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not

reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass and batteries.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, ELSAG SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ELSAG CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY ELSAG IN ITS SOLE DISCRETION. No ELSAG reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

ELSAG's maximum liability under this Warranty, whether in contract, tort (including negligence or strict liability), or otherwise, shall be the cost of repair or replacement of the affected Products. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PROVIDED BY LAW, ELSAG IS NOT RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION, WHETHER OR NOT ELSAG IS OR HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH1900.

An optional Extended Warranty providing the coverage detailed above can be purchased to protect your product for up to four (4) additional years. Please contact your Elsas North America, LLC Sales Representative for details.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED SOFTWARE WARRANTY

COVERAGE

(a) Elsas North America, LLC ("Licensor") does not warrant that Licensee's use of the Software and Related Materials will be uninterrupted or that the operation of the Software will be error-free or secure and hereby disclaims any and all liability on account thereof. Licensor warrants that the Software, without Modifications, will substantially conform to the Related Materials for the period designated above ("Warranty Period").

(b) During the warranty period as described above, Licensor's entire liability and Licensee's exclusive remedy shall, at Licensor's option, be one of the following:

- (i) Licensor may attempt to correct or work around Errors;
- (ii) Licensor may replace the Software and Related Materials;
- (iii) Licensor may refund to Licensee the license fees, or part thereof, paid to Licensor upon return of the Software and Related Materials to Licensor or its authorized distributor;

(c) Repaired, corrected, or replaced Software and Related Materials shall be covered by this limited warranty for the period remaining under the warranty that covered the original Software, or if longer, for thirty (30) days after the date of shipment to Licensee of the repaired or replaced Software. Only if Licensee informs Licensor of Licensee's problem with the Software during the applicable warranty period and provide evidence of the date Licensee acquired the Software will Licensor be obligated to honor this warranty described under this Section 9. Licensor will use reasonable commercial efforts to repair, replace, advise, or refund pursuant to the foregoing warranty within thirty (30) days of being so notified.

(d) THIS IS A LIMITED WARRANTY AND IT IS THE ONLY WARRANTY OR CONDITION MADE BY LICENSOR. LICENSOR EXPRESSLY DISCLAIMS TO THE FULLEST EXTENT POSSIBLE BY LAW ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE AND RELATED MATERIALS. NO DEALER, AGENT, OR EMPLOYEE OF LICENSOR IS AUTHORIZED TO MAKE ANY MODIFICATIONS, EXTENSIONS OR ADDITIONS

TO THIS LIMITED WARRANTY. If the media containing the Software is subject to accident, abuse, or improper use, or if Licensee makes any prohibited modifications to the Software during the warranty period, or if Licensee violates any term of this Agreement, then this warranty shall immediately and automatically terminate. This warranty shall not apply if the Software is used on or in conjunction with hardware or software other than the hardware and software with which the Software was designed to be used.

UPDATES

Provided that Licensee is in compliance with the terms and conditions of the License Agreement, Licensor agrees to make available to Licensee all updates, improvements and Enhancements for the Software, if any, at no charge for the Warranty Period described above and then at the then updated fee schedule thereafter. Nothing herein shall be construed or interpreted as requiring Licensor to develop any such updates, improvements or Enhancements.

SERVICE AGREEMENT

Terms and Conditions

1. **General.** These general terms and conditions shall apply to all service provided to Customer by ELSAG North America. Additional terms and conditions governing particular service options or programs may be set forth on a supplement provided by ELSAG North America to Customer ("Supplement"). Customer's submission of a purchase order or acceptance of service shall be deemed acceptance of these General Terms and Conditions and those set forth on applicable Supplements to the exclusion of any additional or different terms or conditions on Customer's purchase order, even if such order is expressly made conditional on ELSAG North America's assent to such additional or different terms.
2. **Agents.** ELSAG North America may appoint third parties to act as its agents in performance of its service obligations under this Service Agreement. All references herein to ELSAG North America shall be deemed to include such agents of ELSAG North America.
3. **Term.** The effective date of the initial term of service coverage shall commence with the initial installation of the product.
4. **Telephone Support and Remote Diagnosis.** To ensure that the product is repaired as quickly and efficiently as possible, Customer must first work cooperatively with Telephone Support to try to repair the product. If the product contains features that enable ELSAG North America to diagnose and repair problems with the product remotely, ELSAG North America may request that Customer allow such remote access to the product.
5. **Indemnity.** ELSAG North America shall indemnify and hold Customer harmless from and against any claim of injury or damage to property to the extent it is caused by the negligent or wrongful acts or omissions of ELSAG North America while on Customer's premises.
6. **Confidentiality.** ELSAG North America recognizes that during the performance of service hereunder, ELSAG North America may be exposed to information of a confidential nature relating to the business of Customer. ELSAG North America agrees to hold such information in confidence for Customer to the same extent ELSAG North America provides for its own information and not to disclose such information to any other party without the prior written consent of Customer.
7. **LIMITATION OF LIABILITY.** IN NO EVENT SHALL ELSAG NORTH AMERICA BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF SERVICE PROVIDED HEREUNDER, EVEN IF ELSAG NORTH AMERICA HAS ADVANCED NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.
8. **Waiver.** Failure of either party to enforce any provision of this Agreement shall not be deemed a waiver of future enforcement of that or any other provision.
9. **Assignment.** Customer may not assign or otherwise transfer its rights or obligations under this Agreement without the prior written consent of ELSAG North America.
10. **Governing Law.** For products located in the United States, this Agreement shall be governed by the laws of the State of Delaware. For products located outside the United States, this Agreement shall be governed by the laws of the state in which the equipment is housed.
11. **Replacement Parts.** In the maintenance of any product, ELSAG North America may use new, or equivalent to new, parts or assemblies for equal or improved quality. All defective parts and assemblies become the property of ELSAG North America. ELSAG North America, at its option, may request the return of these parts.
12. **Coverage Eligibility.** Products that have been continuously covered by an ELSAG North America Warranty are eligible for immediate coverage under this Agreement. Other products will be eligible for coverage only if they meet ELSAG North America's specifications. At Customer's request, ELSAG North America may bring the product up to specification at ELSAG North America's then current rates for parts, labor and travel so that the product will be eligible for coverage.
13. **Fees.** Fees for service, if not covered by purchase contract or warranty, shall be as stated in a quotation and shall apply only to the products specified therein.
14. **Taxes.** Service fees are exclusive of all state/provincial and local sales, use, excise, privilege and similar taxes. Such taxes shall be paid by the Customer, unless a valid exemption certificate is furnished by Customer.
15. **Invoices and Payment.** Customer shall pay amounts invoiced within 30 days from the date of invoice. ELSAG North America may withhold service if Customer fails to make any payment when due.
16. **Lawyer's Fees.** If litigation or collection is commenced to enforce any provision of this Agreement, the prevailing party shall be entitled to recover reasonable costs, including lawyer fees and collection costs.

GSPBA00033

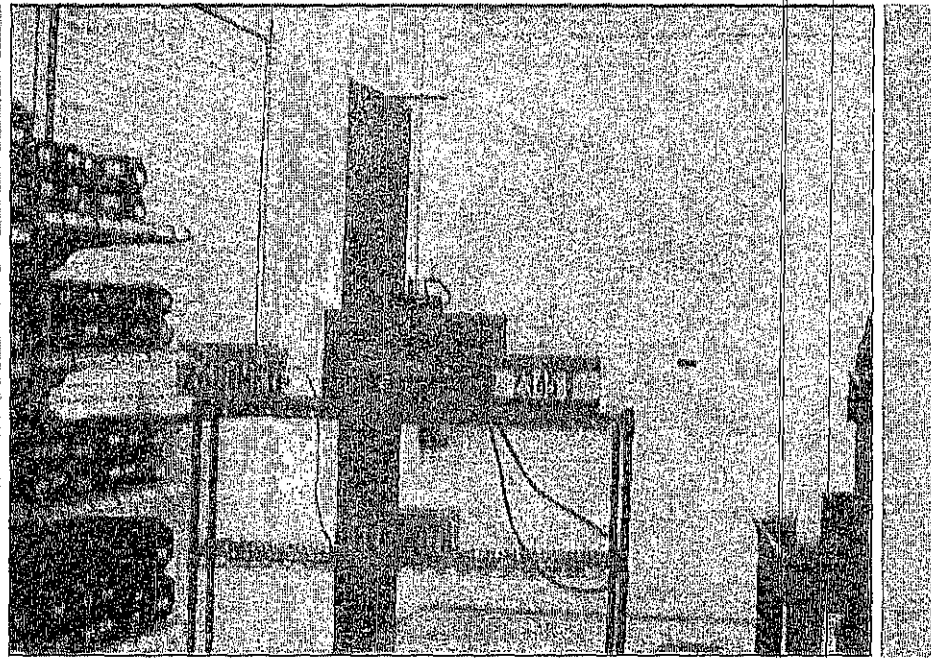
LPR - Mobile Plate Hunter 900

Alerts

Pending Alerts

0

Vehicle: Repair



Management Diagnostics

Hot list last update

Operations

Readers



472-PAD

Left

472PAD

?

13:47:24

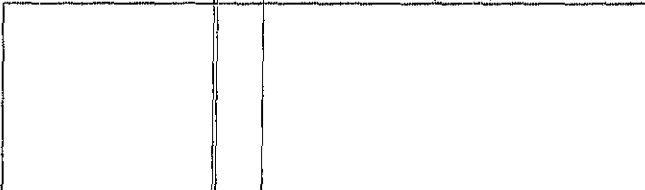
Alarm

Last events

Reads

Left	472PAD	?	13:47:24
Left	EG2[00]7	?	13:47:20
Left	EZT6770	NY	13:47:00
Left	FE419Z	NY	13:46:59
Left	FE497M	NY	13:46:57
Left	26[BB]MF[D...	?	13:46:57

Alarms



Info

Setup

Menu



ELSI North America
A Panasonic Company



- Internet Explorer
- Car System
- Mozilla Firefox
- Unused Desktop...
- My Computer
- LPR Discovery.exe
- Shortcut to GATE-swUp...
- Shortcut to Naming
- Shortcut to LTBA-swUp...

Working Device(s)						Failure Device(s)			
Refresh						Show			
Properties						Recovery			
Browse									
Set Temporary IP									
Dhcp Requests									
Device	Curr Applica...	Device Id	MWP Server	Time	Uptime	Temperature	HWAddr	S/N	P/N
172.30.72.38	0	00001	172.30.72.20	March 7, 20...	13.66 days (...)	29 C (84 F) (...)	00:60:38:06...	E09034838	145-8072/38
172.30.72.38	0	00002	172.30.72.20	March 7, 20...	13.66 days (...)	28 C (82 F) (...)	00:60:38:06...	E09034829	145-8072/38
172.19.8.33	1	00002	LOCALHOST	March 7, 20...	0.00 days (0...)	32 C (90 F) (...)	00:60:38:20...	C11000964	145-8085/01

Found 3 device(s) Failure device detecting on.. Dhcp request detecting on.. Elsag-Datamat S.p.A.

Device: 172.19.8.33	
name	value
Run Time	
Curr Application	1
Device Id	00002
MWP Server	LOCALHOST
Time	March 7, 2012, 3:38 pm
Uptime	0.00 days (0.02 h)
Temperature	32 C (90 F) (good temp, threshold 5 C)
Kit Info	
Kit Ver	02.05.01
D.S. Ver	1.3.25.0
Fpm Ver	02.05.01
Dsp Ver	2.5.1
Dcr Ver	3.8.0
Web Ver	1.6.0
Configuration Info	
Kit Config Code	MD-KS 25mm_SPLIT
Kit Config Ver	03.00.00
Kit Config Type	6
Internal Module Info	
Kernel Ver	2.4.20_mvf31-1.4.4.0.alpha



LPR - Mobile Plate Hunter 900

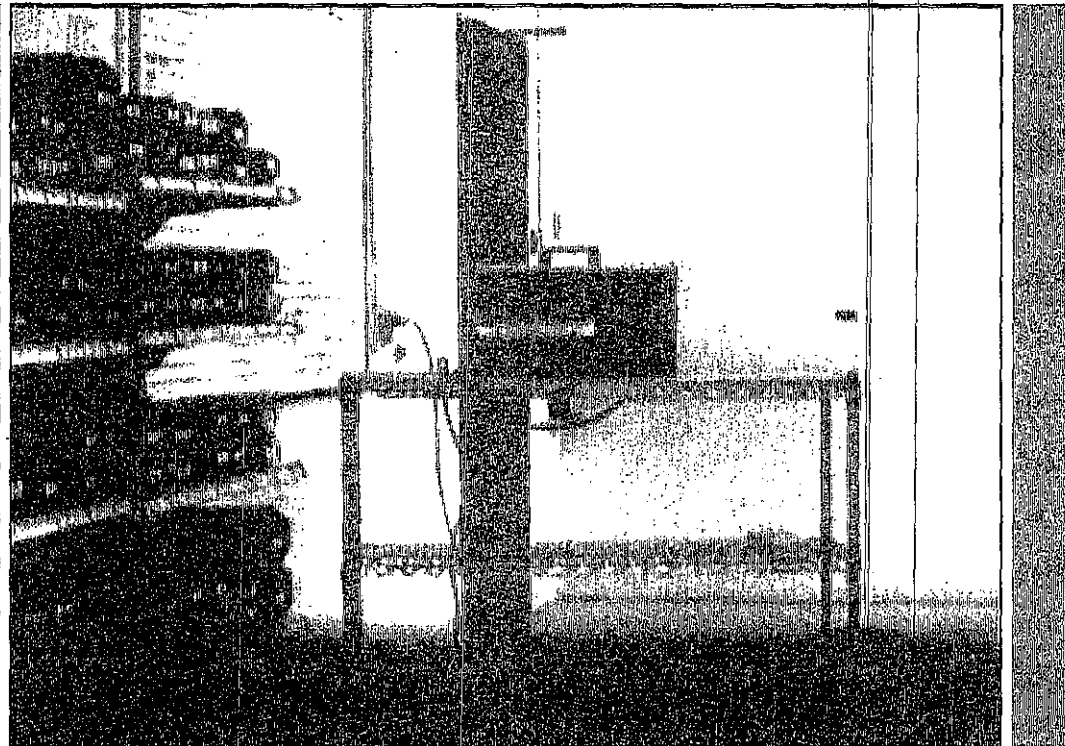
Alerts



Pending Alerts

0

Vehicle: Repair



Management

Diagnostics

Right	11166	
Left	14985	
1 port	705	
M-03		
R-00		
R-01		
R-02		
R-03		

472-PAD

1 port

472PAD

?

14:20:00

Alarm

Last events

Reads

1 port	472PAD	?	14:20:00
1 port	EZF770	?	14:19:47
1 port	ZAW439	?	14:19:34
1 port	EGW[00]7	?	14:19:32
1 port	FZT770	?	14:19:31
1 port	EZT677	?	14:19:30

Alarms

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Info

Setup

Menu



COM

- Internet Explorer
- NYW (west)
- Car System
- HyperTer
- Mozilla Firefox
- Paint
- Unused Desкто...
- My Computer
- LPR
- Discovery.exe
- Shortcut to GATE-swUp...
- Shortcut to Naming
- Shortcut to LTBA-swUp...

Working Device(s)

Refresh
Properties
Browse
Set Temporary IP
Dhcp Requests

Device	Curr Applica...	Device Id	MWP Server	Time	Uptime	Temperature	HWAddr	S/N	P/N
172.30.72.38	0	00001	172.30.72.20	March 7, 20...	13.63 days ...	29 C (83 F) [...]	00:60:38:06...	E09034838	145-8072/38
172.30.72.39	0	00002	172.30.72.20	March 7, 20...	13.63 days ...	28 C (82 F) [...]	00:60:38:06...	E09034829	145-8072/38
172.19.8.31	0	00000	LOCALHOST	March 7, 20...	0.00 days (0...	25 C (76 F) [...]	00:60:38:20...	C11001564	145-8085/01
172.19.8.32	0	00001	LOCALHOST	March 7, 20...	0.00 days (0...	25 C (76 F) [...]	00:60:38:20...	C11001566	145-8085/01

Failure Device(s)

Show
Recovery

Found 4 device(s)
Failure device detecting on..
Dhcp request detecting on..
Elsag-Datamat S.p.A.

Device: 172.19.8.32

name	value
Run Time	
Curr Application	0
Device Id	00001
MWP Server	LOCALHOST
Time	March 7, 2012, 3:01 pm
Uptime	0.00 days (0.02 h)
Temperature	25 C (76 F) (good temp), threshold 5 C
Kit Info	
Kit Ver	02.05.01
O.S. Ver	1.3.25.0
Fpm Ver	02.05.01
Dsp Ver	2.5.1
Ocr Ver	3.8.0
Web Ver	1.6.0
Configuration Info	
Kit Config Code	MO-KS 25mm_SPLIT
Kit Config Ver	03.00.00
Kit Config Type	6
Internal Module Info	
Kernel Ver	2.4.20_mvi31-1.4.4.0.alpha



LPR - Mobile Plate Hunter 900

Alerts

Pending Alerts 0

Vehicle: Repair

Management

Diagnostics

Right	11149	<input type="checkbox"/>
Left	14912	<input type="checkbox"/>
1 port	673	<input type="checkbox"/>
M-03		<input type="checkbox"/>
R-00		<input type="checkbox"/>
R-01		<input type="checkbox"/>
R-02		<input type="checkbox"/>
R-03		<input type="checkbox"/>

472-PAD

Left

472PAD

?

14:07:00

Alarm

Last events

Reads

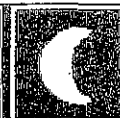
Left	472PAD	?	14:07:00
Left	ZAW439	?	14:06:57
Left	EGW9[00]7	?	14:06:31
Left	EZE770	?	14:06:30
Left	EZT677	?	14:06:29
Left	472PAD	?	14:06:27

Alarms

Info

Setup

Menu



COM

-  Internet Explorer
-  Car System
-  Mozilla Firefox
-  Unused Desktop...
-  My Computer
-  LPR
Discovery.exe
-  Shortcut to GATE-swUp...
-  Shortcut to Naming
-  Shortcut to LTBA-swUp...

Discovery
172.19.8.31

Working Device(s)

Failure Device(s)

Refresh
Properties
Browse
Set Temporary IP
Dhcp Requests
Show
Recovery

Device	Curr Applica...	Device Id	MWP Server	Time	Uptime	Temperature	HwAddr	S/N	P/N
172.30.72.38	0	00001	172.30.72.20	March 7, 20...	13.63 days (...)	29 C (83 F) [...]	00:60:38:06...	E09034838	145-8072/38
172.30.72.39	0	00002	172.30.72.20	March 7, 20...	13.63 days (...)	28 C (82 F) [...]	00:60:38:06...	E09034829	145-8072/38
172.19.8.31	0	00000	LOCALHOST	March 7, 20...	0.00 days (0...	25 C (76 F) [...]	00:60:38:20...	C11001564	145-8085/01
172.19.8.32	0	00001	LOCALHOST	March 7, 20...	0.00 days (0...	25 C (76 F) [...]	00:60:38:20...	C11001566	145-8085/01

Found 4 device(s)
Failure device detecting on..
Dhcp request detecting on..
Elsag-Datamat S.p.A.

Device: 172.19.8.31
✕

name	value
Run Time	
Curr Application	0
Device Id	00000
MWP Server	LOCALHOST
Time	March 7, 2012, 3:01 pm
Uptime	0.00 days (0.02 h)
Temperature	25 C (76 F) (good temp), threshold 5 C
Kit Info	
Kit Ver	02.05.01
O.S. Ver	1.3.25.0
Fpm Ver	02.05.01
Dsp Ver	2.5.1
Ocr Ver	3.8.0
Web Ver	1.6.0
Configuration Info	
Kit Config Code	MO-KS 16mm_SPLIT
Kit Config Ver	03.00.00
Kit Config Type	6
Internal Module Info	
Kernel Ver	2.4.20_mv31-1.4.4.0.alpha



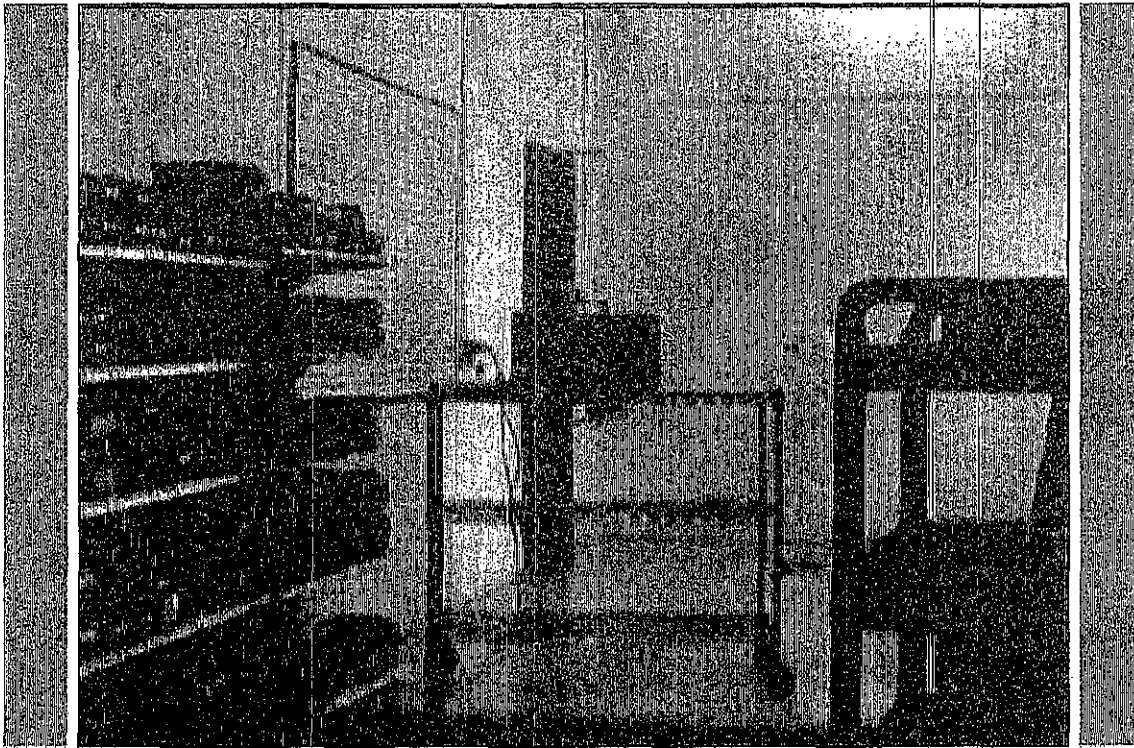
LPR - Mobile Plate Hunter 900

Alerts

Pending Alerts

0

Vehicle: Repair



Management	Diagnosics
Right	11130
Left	14903
1 port	673
M-03	
R-00	
R-01	
R-02	
R-03	



Right EGW207 ? 14:04:38

Alarm Reads

Last events

Right	EGW207	?	14:04:38
Right	FZT770	?	14:04:36
Right	472PA0	?	14:04:25
Right	ZAW439	?	14:04:23
Right	EZT677	?	14:04:19
Left	4J3J	?	14:04:10

Alarms

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Info

Setup

Menu



COM

ELSAG North America
 205-H Creek Ridge Road
 Greensboro, NC 27406

Packing List

Invoice Number: 16731
 Invoice Date: Mar 7, 2012
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

Sales Order Number: 201220486

Bill To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship to:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Customer ID	Customer PO	Payment Terms	
Lenexa Police Dept.	Warranty	Net 15 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
MAXWELL	Ground		3/22/12

Order Qty	Item	Description	Qty Shipped	Packed	Initials
1.00	420102R	2 Port Trunk Bx Split - Rep	1.00	/	DA
1.00	420101R	1 Port Trunk Bx Split - Rep	1.00	/	DA
1.00	421608	OPUS REPLACEMENT KIT WITH INPUT POWER ADAPTER CABLE FOR 3-4 CAMERA SYSTEMS	1.00	/	DA
1.00	421299	SPLIT TB FLOOR MOUNT 3-4 PORT; REPLACES THE HANGING MOUNT AS THE STANDARD MOUNT FOR A 3-4 CAMERA SYSTEM	1.00	/	DA

Camera Serial Numbers:	Trunk Box Serial Numbers:	Comments:
	PB25545 PB10416	Reluen label - CGA

QA Approval: *[Signature]* Date: 3/7/12
 Packing Approval: *[Signature]* Date: _____



ELSAG North America
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DISCLOSURES

RETURN & RESTOCKING POLICY

ELSAG North America takes our client satisfaction very seriously. We understand that from time to time clients may be faced with a purchase that they were not completely satisfied with. We will accept returns under the following conditions:

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- The returned equipment must be shipped back to ElSag within 14 days of the Return Authorization Number request.
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- Lightly used systems in excellent physical condition (if shipped within the last 120 days) can be returned. A 25% restocking fee will be charged.
- Used systems with light physical wear (if shipped within the last 120 days) can be returned. A 35% restocking fee will be charged.
- Refunds will be applied against the outstanding balance upon receipt of payment (if there is an outstanding balance).
- Returned equipment shipped at customer expense.
- Damaged equipment may not be returned.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED HARDWARE WARRANTY

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for a period of ONE (1) YEAR from the date of installation by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received

within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

EXCLUSIONS AND LIMITATIONS

ELSAG does not warrant that the operation of the Product will be uninterrupted or error free. ELSAG is not responsible for damage arising from failure to follow instructions relating to the Product's use. This warranty does not apply: (a) to errors or defects caused by persons or entities other than ELSAG, including, without limitation, errors or defects in any third-party software or products and errors or defects caused by modifications to the Product (including upgrades and repairs) by someone other than ELSAG or an ELSAG Authorized Service Provider; (b) to any breach of the Product (camera and trunk box/processing unit) seal by someone other than ELSAG or an ELSAG Authorized Service Provider; (c) to pre-existing conditions in the installation environment or vehicle; (d) to damage from accident, abuse, misuse or introduction of foreign objects into the Product; (e) to unauthorized Product repairs, modifications or alterations; (f) to failure to follow the manufacturer's instructions; (g) to third party actions (i.e., fire, collision, vandalism, theft, etc.); (h) to elements of acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not

reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass and batteries.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, ELSAG SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ELSAG CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY ELSAG IN ITS SOLE DISCRETION. No ELSAG reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

ELSAG's maximum liability under this Warranty, whether in contract, tort (including negligence or strict liability), or otherwise, shall be the cost of repair or replacement of the affected Products. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PROVIDED BY LAW, ELSAG IS NOT RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION, WHETHER OR NOT ELSAG IS OR HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.

An optional Extended Warranty providing the coverage detailed above can be purchased to protect your product for up to four (4) additional years. Please contact your ElSag North America, LLC Sales Representative for details.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED SOFTWARE WARRANTY

COVERAGE

(a) ElSag North America, LLC ("Licensor") does not warrant that Licensee's use of the Software and Related Materials will be uninterrupted or that the operation of the Software will be error-free or secure and hereby disclaims any and all liability on account thereof. Licensor warrants that the Software, without Modifications, will substantially conform to the Related Materials for the period designated above ("Warranty Period").

(b) During the warranty period as described above, Licensor's entire liability and Licensee's exclusive remedy shall, at Licensor's option, be one of the following:

- (i) Licensor may attempt to correct or work around Errors;
- (ii) Licensor may replace the Software and Related Materials;
- (iii) Licensor may refund to Licensee the license fees, or part thereof, paid to Licensor upon return of the Software and Related Materials to Licensor or its authorized distributor;

(c) Repaired, corrected, or replaced Software and Related Materials shall be covered by this limited warranty for the period remaining under the warranty that covered the original Software, or if longer, for thirty (30) days after the date of shipment to Licensee of the repaired or replaced Software. Only if Licensee informs Licensor of Licensee's problem with the Software during the applicable warranty period and provide evidence of the date Licensee acquired the Software will Licensor be obligated to honor this warranty described under this Section 9. Licensor will use reasonable commercial efforts to repair, replace, advise, or refund pursuant to the foregoing warranty within thirty (30) days of being so notified.

(d) THIS IS A LIMITED WARRANTY AND IT IS THE ONLY WARRANTY OR CONDITION MADE BY LICENSOR. LICENSOR EXPRESSLY DISCLAIMS TO THE FULLEST EXTENT POSSIBLE BY LAW ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE AND RELATED MATERIALS. NO DEALER, AGENT, OR EMPLOYEE OF LICENSOR IS AUTHORIZED TO MAKE ANY MODIFICATIONS, EXTENSIONS OR ADDITIONS

TO THIS LIMITED WARRANTY. If the media containing the Software is subject to accident, abuse, or improper use, or if Licensee makes any prohibited modifications to the Software during the warranty period, or if Licensee violates any term of this Agreement, then this warranty shall immediately and automatically terminate. This warranty shall not apply if the Software is used on or in conjunction with hardware or software other than the hardware and software with which the Software was designed to be used.

UPDATES

Provided that Licensee is in compliance with the terms and conditions of the License Agreement, Licensor agrees to make available to Licensee all updates, improvements and Enhancements for the Software, if any, at no charge for the ~~Warranty Period described above and then at the then updated fee schedule thereafter.~~ Nothing herein shall be construed or interpreted as requiring Licensor to develop any such updates, improvements or Enhancements.

SERVICE AGREEMENT

Terms and Conditions

1. **General.** These general terms and conditions shall apply to all service provided to Customer by ELSAG North America. Additional terms and conditions governing particular service options or programs may be set forth on a supplement provided by ELSAG North America to Customer ("Supplement"). Customer's submission of a purchase order or acceptance of service shall be deemed acceptance of these General Terms and Conditions and those set forth on applicable Supplements to the exclusion of any additional or different terms or conditions on Customer's purchase order, even if such order is expressly made conditional on ELSAG North America's assent to such additional or different terms.
2. **Agents.** ELSAG North America may appoint third parties to act as its agents in performance of its service obligations under this Service Agreement. All references herein to ELSAG North America shall be deemed to include such agents of ELSAG North America.
3. **Term.** The effective date of the initial term of service coverage shall commence with the initial installation of the product.
4. **Telephone Support and Remote Diagnosis.** To ensure that the product is repaired as quickly and efficiently as possible, Customer must first work cooperatively with Telephone Support to try to repair the product. If the product contains features that enable ELSAG North America to diagnose and repair problems with the product remotely, ELSAG North America may request that Customer allow such remote access to the product.
5. **Indemnity.** ELSAG North America shall indemnify and hold Customer harmless from and against any claim of injury or damage to property to the extent it is caused by the negligent or wrongful acts or omissions of ELSAG North America while on Customer's premises.
6. **Confidentiality.** ELSAG North America recognizes that during the performance of service hereunder, ELSAG North America may be exposed to information of a confidential nature relating to the business of Customer. ELSAG North America agrees to hold such information in confidence for Customer to the same extent ELSAG North America provides for its own information and not to disclose such information to any other party without the prior written consent of Customer.
7. **LIMITATION OF LIABILITY.** IN NO EVENT SHALL ELSAG NORTH AMERICA BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF SERVICE PROVIDED HEREUNDER, EVEN IF ELSAG NORTH AMERICA HAS ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.
8. **Waiver.** Failure of either party to enforce any provision of this Agreement shall not be deemed a waiver of future enforcement of that or any other provision.
9. **Assignment.** Customer may not assign or otherwise transfer its rights or obligations under this Agreement without the prior written consent of ELSAG North America.
10. **Governing Law.** For products located in the United States, this Agreement shall be governed by the laws of the State of Delaware. For products located outside the United States, this Agreement shall be governed by the laws of the state in which the equipment is housed.
11. **Replacement Parts.** In the maintenance of any product, ELSAG North America may use new, or equivalent to new, parts or assemblies for equal or improved quality. All defective parts and assemblies become the property of ELSAG North America. ELSAG North America, at its option, may request the return of these parts.
12. **Coverage Eligibility.** Products that have been continuously covered by an ELSAG North America Warranty are eligible for immediate coverage under this Agreement. Other products will be eligible for coverage only if they meet ELSAG North America's specifications. At Customer's request, ELSAG North America may bring the product up to specification at ELSAG North America's then current rates for parts, labor and travel so that the product will be eligible for coverage.
13. **Fees.** Fees for service, if not covered by purchase contract or warranty, shall be as stated in a quotation and shall apply only to the products specified therein.
14. **Taxes.** Service fees are exclusive of all state/provincial and local sales, use, excise, privilege and similar taxes. Such taxes shall be paid by the Customer, unless a valid exemption certificate is furnished by Customer.
15. **Invoices and Payment.** Customer shall pay amounts invoiced within 30 days from the date of invoice. ELSAG North America may withhold service if Customer fails to make any payment when due.
16. **Lawyer's Fees.** If litigation or collection is commenced to enforce any provision of this Agreement, the prevailing party shall be entitled to recover reasonable costs, including lawyer fees and collection costs.

ELSAG North America
 205-H Creek Ridge Road
 Greensboro, NC 27406

Packing List

Invoice Number: 16900
 Invoice Date: Apr 1, 2012
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

Sales Order Number: 201221054

Bill To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship to:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Customer ID	Customer PO	Payment Terms	
Lenexa Police Dept.		Net 15 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
ROBERTS	1st Overnight - Air		4/16/12

Order Qty	Item	Description	Qty Shipped	Packed	Initials
1.00	410395-100	Cable 100ft FG Pigtail	1.00	1	<i>[Signature]</i>
50.00	412164	POWER CABLE - 14 GA - 50 feet	50.00	50	<i>[Signature]</i>
100.00	411760	Bulk Ethernet Cable - 1000 ft - 100 feet	100.00	100	<i>[Signature]</i>

Camera Serial Numbers:	Trunk Box Serial Numbers:	Comments:

QA Approval: *[Signature]*

Packing Approval: *[Signature]*

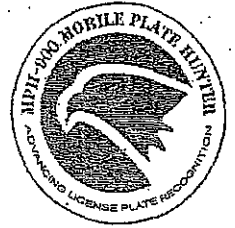
Date: *3/29/12*

Date:



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LPR Pre-Installation Worksheet

2/10/2010 4:09:24 PM

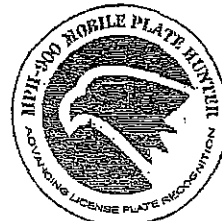
Installer Information	
Installer name	
Company	
Department	
E-mail	
Phone	
Mobile	
Contact Address	

Contact Information	
Agency Name	
Installation Contact name	
E-mail	
Department	
Phone	
Mobile	
Technical Support Contact name	
E-mail	
Department	
Phone	
Mobile	
Shipping address	
Shipping Comments	
Installation address	



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Scheduled Installation Date	3/28
Scheduled Installation Time	
Estimated Duration	
Actual Arrival Date	
Actual Arrival Time	
Actual Duration	
Installation Comments (weather, logistics, location, garage, etc)	
Are we removing equipment?? (Itemize the exact equipment details directly from customer)	

Unit Information	
Unit Serial #	GFHCA 0000 3
Component1 Type & Serial #	G10006/37
Component2 Type & Serial #	
Component3 Type & Serial #	
Component4 Type & Serial #	
Component5 Type & Serial #	
Component6 Type & Serial #	

Car Information	
Agency Car ID	9.5th & DFlum
Car Make, Model & Year	
Car License Plate #	
VIN #	



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MDT Information	
Computer Make/Model/Year	
Operating System	
Amount of Ram	
Processor	
Amount of Hard Drive Space Available	
Installed Applications NetMotion, Deep Freeze, Fortress...etc	
Type of VPN	
Virus Protection	

Car System Information	
Car System Version	4.1 5.6
Car ID for COM	10
Firmware Version	
Components	<input checked="" type="checkbox"/> ADM <input checked="" type="checkbox"/> GPS <input checked="" type="checkbox"/> COM <input type="checkbox"/> ACM <input type="checkbox"/> Shutdowner
Download Data on USB	<input type="checkbox"/> Yes <input type="checkbox"/> No
Download Path	
COM Settings	<input type="checkbox"/> Short Range <input checked="" type="checkbox"/> Long Range <input type="checkbox"/> SMS
EOC TCP Server IP	10.24.11.9
EOC FTP Server IP	
FTP Port Number	22
FTP Username	CSY
FTP Password	CsY



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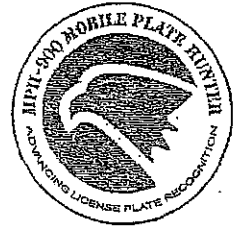


Enable Mission Report	<input type="radio"/> Yes <input type="radio"/> No
Transit Data Storage in Days	30
Alarm Data Storage in Days	30
Database login: Username Password	sa
Query Result Export Type	<input type="radio"/> Plain Text TAB delimited <input type="radio"/> Zip (HTML File with Images)
Enable Data Storage for Download	<input type="radio"/> Yes <input type="radio"/> No
Maximum Transit Data Storage Period	
Maximum Alarm Data Storage Period	
Maximum Manual Download Backup Period	
Data Root Location	C:\Program Files\Car System
Save Alarms Only	<input type="radio"/> Yes <input checked="" type="radio"/> No
Client Remote Access	<input type="radio"/> Yes <input checked="" type="radio"/> No
Import list folder on Local Drive	<input type="radio"/>
Import list folder path	C:\Hotlist
Import list folder on USB Drive	<input type="radio"/>
Enable Re-Check Transit against new HotList	<input type="radio"/>
Days	
GPS Serial Port	
Datamerge	



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Test Information	
Car System Test	
Hot List Download Test	
Data Upload Test	
LPR System Reading	
Car Data Import	
GPS Test	



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Please verify that the information above is correct.

Customer:

Name Print: LT. DAN LAYMAN

Name Signature: LT. Dan Layman Date: 3 / 30 / 12

Installer:

Name Print: _____

Name Signature: _____ Date: ____/____/____



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LPR Pre-Installation Worksheet

2/10/2010 4:09:24 PM

Installer Information	
Installer name	
Company	
Department	
E-mail	
Phone	
Mobile	
Contact Address	

Contact Information	
Agency Name	
Installation Contact name	
E-mail	
Department	
Phone	
Mobile	
Technical Support Contact name	
E-mail	
Department	
Phone	
Mobile	
Shipping address	
Shipping Comments	
Installation address	



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Scheduled Installation Date	
Scheduled Installation Time	
Estimated Duration	
Actual Arrival Date	
Actual Arrival Time	
Actual Duration	
Installation Comments (weather, logistics, location, garage, etc)	
Are we removing equipment?? (Itemize the exact equipment details directly from customer)	

Unit Information	
Unit Serial #	GFHCA00002
Component1 Type & Serial #	G10000100
Component2 Type & Serial #	
Component3 Type & Serial #	
Component4 Type & Serial #	
Component5 Type & Serial #	
Component6 Type & Serial #	

Car Information	
Agency Car ID	87th and Monrovia
Car Make, Model & Year	
Car License Plate #	
VIN #	



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MDT Information	
Computer Make/Model/Year	
Operating System	
Amount of Ram	
Processor	
Amount of Hard Drive Space Available	
Installed Applications NetMotion, Deep Freeze, Fortress...etc	
Type of VPN	
Virus Protection	

Car System Information	
Car System Version	4.7.1 56
Car ID for COM	11
Firmware Version	
Components	<input checked="" type="checkbox"/> ADM <input checked="" type="checkbox"/> GPS <input type="checkbox"/> COM <input type="checkbox"/> ACM <input type="checkbox"/> Shutdowner
Download Data on USB	<input type="checkbox"/> Yes <input type="checkbox"/> No
Download Path	
COM Settings	<input type="checkbox"/> Short Range <input type="checkbox"/> Long Range <input type="checkbox"/> SMS
EOC TCP Server IP	10.24.11.9
EOC FTP Server IP	
FTP Port Number	22
FTP Username	CsY
FTP Password	CsY



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Enable Mission Report	<input type="radio"/> Yes <input type="radio"/> No
Transit Data Storage in Days	
Alarm Data Storage in Days	
Database login: Username Password	sa
Query Result Export Type	<input type="radio"/> Plain Text TAB delimited <input type="radio"/> Zip (HTML File with Images)
Enable Data Storage for Download	<input type="radio"/> Yes <input type="radio"/> No
Maximum Transit Data Storage Period	
Maximum Alarm Data Storage Period	
Maximum Manual Download Backup Period	
Data Root Location	C:\Program Files\Car System
Save Alarms Only	<input type="radio"/> Yes <input checked="" type="radio"/> No
Client Remote Access	<input type="radio"/> Yes <input checked="" type="radio"/> No
Import list folder on Local Drive	<input type="radio"/>
Import list folder path	C:\Hotlist
Import list folder on USB Drive	<input type="radio"/>
Enable Re-Check Transit against new HotList	<input type="radio"/>
Days	
GPS Serial Port	
Datamerge	



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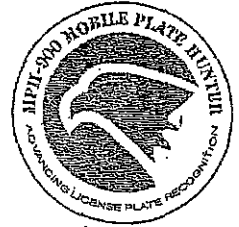


Test Information	
Car System Test	
Hot List Download Test	
Data Upload Test	
LPR System Reading	
Car Data Import	
GPS Test	



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Please verify that the information above is correct.

Customer:

Name Print: LT. Dawn LATMAN

Name Signature: LT. Dawn Latman Date: 3 / 30 / 12

Installer:

Name Print: _____

Name Signature: _____ Date: ____/____/____



ELSAG North America
A Finmeccanica Company



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reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass and batteries.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, ELSAG SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ELSAG CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY ELSAG IN ITS SOLE DISCRETION. No ELSAG reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

ELSAG's maximum liability under this Warranty, whether in contract, tort (including negligence or strict liability), or otherwise, shall be the cost of repair or replacement of the affected Products. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PROVIDED BY LAW, ELSAG IS NOT RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION, WHETHER OR NOT ELSAG IS OR HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.

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ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED SOFTWARE WARRANTY

COVERAGE

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(b) During the warranty period as described above, Licensor's entire liability and Licensee's exclusive remedy shall, at Licensor's option, be one of the following:

- (i) Licensor may attempt to correct or work around Errors;
- (ii) Licensor may replace the Software and Related Materials;
- (iii) Licensor may refund to Licensee the license fees, or part thereof, paid to Licensor upon return of the Software and Related Materials to Licensor or its authorized distributor;

(c) Repaired, corrected, or replaced Software and Related Materials shall be covered by this limited warranty for the period remaining under the warranty that covered the original Software, or if longer, for thirty (30) days after the date of shipment to Licensee of the repaired or replaced Software. Only if Licensee informs Licensor of Licensee's problem with the Software during the applicable warranty period and provide evidence of the date Licensee acquired the Software will Licensor be obligated to honor this warranty described under this Section 9. Licensor will use reasonable commercial efforts to repair, replace, advise, or refund pursuant to the foregoing warranty within thirty (30) days of being so notified.

(d) THIS IS A LIMITED WARRANTY AND IT IS THE ONLY WARRANTY OR CONDITION MADE BY LICENSOR. LICENSOR EXPRESSLY DISCLAIMS TO THE FULLEST EXTENT POSSIBLE BY LAW ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE AND RELATED MATERIALS. NO DEALER, AGENT, OR EMPLOYEE OF LICENSOR IS AUTHORIZED TO MAKE ANY MODIFICATIONS, EXTENSIONS OR ADDITIONS

TO THIS LIMITED WARRANTY. If the media containing the Software is subject to accident, abuse, or improper use, or if Licensee makes any prohibited modifications to the Software during the warranty period, or if Licensee violates any term of this Agreement, then this warranty shall immediately and automatically terminate. This warranty shall not apply if the Software is used on or in conjunction with hardware or software other than the hardware and software with which the Software was designed to be used.

UPDATES

Provided that Licensee is in compliance with the terms and conditions of the License Agreement, Licensor agrees to make available to Licensee all updates, improvements and Enhancements for the Software, if any, at no charge for the Warranty Period described above and then at the then updated fee schedule thereafter. Nothing herein shall be construed or interpreted as requiring Licensor to develop any such updates, improvements or Enhancements.

SERVICE AGREEMENT

Terms and Conditions

1. **General.** These general terms and conditions shall apply to all service provided to Customer by ELSAG North America. Additional terms and conditions governing particular service options or programs may be set forth on a supplement provided by ELSAG North America to Customer ("Supplement"). Customer's submission of a purchase order or acceptance of service shall be deemed acceptance of these General Terms and Conditions and those set forth on applicable Supplements to the exclusion of any additional or different terms or conditions on Customer's purchase order, even if such order is expressly made conditional on ELSAG North America's assent to such additional or different terms.
2. **Agents.** ELSAG North America may appoint third parties to act as its agents in performance of its service obligations under this Service Agreement. All references herein to ELSAG North America shall be deemed to include such agents of ELSAG North America.
3. **Term.** The effective date of the initial term of service coverage shall commence with the initial installation of the product.
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6. **Confidentiality.** ELSAG North America recognizes that during the performance of service hereunder, ELSAG North America may be exposed to information of a confidential nature relating to the business of Customer. ELSAG North America agrees to hold such information in confidence for Customer to the same extent ELSAG North America provides for its own information and not to disclose such information to any other party without the prior written consent of Customer.
7. **LIMITATION OF LIABILITY.** IN NO EVENT SHALL ELSAG NORTH AMERICA BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF SERVICE PROVIDED HEREUNDER, EVEN IF ELSAG NORTH AMERICA HAS ADVANCE NOTICE OF THE POSSIBILITY OF SUCH DAMAGES.
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ELSAG North America
 205-H Creek Ridge Road
 Greensboro, NC 27406

Packing List

Invoice Number: 16379
 Invoice Date: Jan 19, 2012
 Page: 1

Voice: 336-379-7135
 Fax: 336-379-7164

Sales Order Number: 100005279

Bill To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship to:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Customer ID	Customer PO	Payment Terms	
Lenexa Police Dept.		Net 15 Days	
Sales Rep ID	Shipping Method	Ship Date	Due Date
MAXWELL	Ground		2/3/12

Order Qty	Item	Description	Qty Shipped	Packed	Initials
1.00	421554	Hi Res Fixed Cam 25/35mm 740	1.00		
1.00	410322	Operation Center License	1.00		
1.00	421399	ASM POLE MOUNT 1 CAMERA	1.00		
1.00	999999	Per Matt ship order without cable, he will let us know.			

Camera Serial Numbers:	Trunk Box Serial Numbers:	Comments:
610500100	A10 #2	

QA Approval: *[Signature]* Date: 1/19/12
 Packing Approval: *[Signature]* Date: 1/19/12

HI-RES CHECKLIST

Date 1-18-12

Serial Number: G10000137

TIME

Tech JW
Quality ~~AW~~

Specifications		Actual	Initials	Comments
Reboot Test	2	✓	JW	
Firmware	2.10.0	02.09.00	JW	
Protocol Setup	KANSAS	03.00.00	JW	

Camera Reads / Car System Function				
Camera Reading Plates		✓	JW	
Camera Reading In Live Mode		✓	JW	

CCD Calibration Testing				
CCD Calibration		✓	JW	
Secondary Calibration		✓	JW	

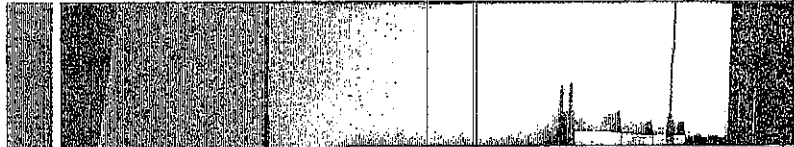


LPR - Mobile Plate Hunter 900

Alerts

Pending Alerts 0

Vehicle: Lab Laptop



Management

Diagnosics

M-00		
M-01	44	
M-02	1	

Device 172.19.8.30

name	value
Run Time	0
Curr Application	00001
Device Id	00001
MWP Server	LOCALHOST
Time	January 18, 2012, 11:11 am
Uptime	0.01 days (0.14 h)
Temperature	28 C (82 F), threshold 5 C (41 F)
Kit Info	
Kit Ver	02.09.00
Software Checksum	d4e1123b9795311952b95c0e13e02b
O.S. Ver	1.3.42.0
Fpm Ver	02.09.00
Dsp Ver	2.9.0
Ocr Ver	3.10.3
Web Ver	1.9.1
Configuration Info	
Kit Config Code	MD-KS 35mm_FH
Kit Config Ver	03.00.00
Kit Config Type	6
Internal Module Info	

Discovery: 172.19.8.30

Working Device(s)

Refresh Properties Browse

Device	Curr Applica...	Device Id
172.19.8.30	0	00001

Found 1 device(s) Failure

Discovery

W/Addr	S/N	P/N
172.19.8.30	G10000137	145-8074/0...

Elsag-Datamat S.p.A.

Alarm

Last events

Reads

M-01	VWXZ	?	11:12:03
M-01	VWX4YZ	?	11:11:55
M-01	CPU211	?	11:11:54
M-01	LAL711	?	11:11:38
M-01	LX[FE]G	?	11:11:28
M-01	VWX4Z	?	11:11:23

Info

Setup

Menu



Vehicle: Lab Laptop



Management **Diagnostics**

- M-00
- M-01 10**
- M-02 1
- M-03
- R-00
- R-01
- R-02
- R-03

Alarm **Last events**

Reads			
M-01	CPU211	?	11:06:20
M-01	VWXYZ	?	11:06:14
M-01	VWXYZ[YT]	?	11:06:06
M-01	[H]X[FE]G	?	11:06:02
M-01	LXTI	?	11:05:53
M-01	CPU211	?	11:05:47

Alarms

--

- Info**
- Setup
- Menu

ELSI North America
A Timken Company



LPR



HI- RES CHECKLIST

Date 1-18-12

Serial Number G10000100
 Tech JW
 Quality Attended

TIME

Specifications		Actual	Initials	Comments
Reboot Test	2	✓	JW	
Firmware	2.10.0	2.09.00	JW	
Protocol Setup	Kansas	03.00.00	JW	

Camera Heads / Car System Function				
Camera Reading Plates		✓	JW	
Camera Reading In Live Mode		✓	JW	

CCD Calibration Testing				
CCD Calibration		✓	JW	
Secondary Calibration		✓	JW	



LPR - Mobile Plate Hunter 900

Alerts

Pending Alerts 0

Vehicle: Desktop

Management

Diagnostics

M-00

M-01

84

M-02

M-03

M-04

M-05

M-06

M-07

M-08

M-09

M-10

M-11

M-12

M-13

M-14

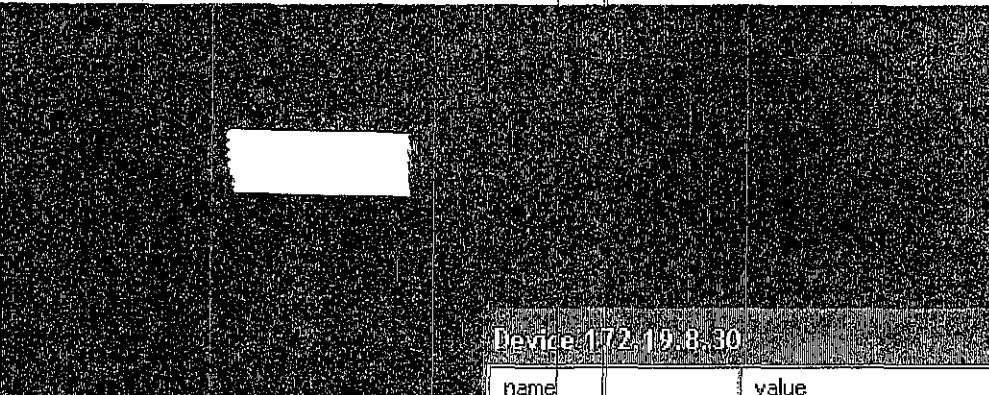
M-15

M-16

M-17

M-18

M-19



Device: 172.19.8.30

name	value
Run Time	
Curr Application	0
Device Id.	00001
MWP Server	LOCALHOST
Time	January 18, 2012, 11:01 am
Uptime	0.00 days (0.03 h)
Temperature	26 C (79 F) , threshold 5 C (41 F)
Kit Info	
Kit Ver	02.09.00
Software Checksum	d4e1123b9795311952b95c0e13e02b
D.S. Ver	1.3.42.0
Fpm Ver	02.09.00
Dsp Ver	2.9.0
Ocr Ver	3.10.3
Web Ver	1.9.1
Configuration Info	
Kit Config Code	M0-KS 35mm_FH
Kit Config Ver	03.00.00
Kit Config Type	6
Internal Module Info	

Discovery: 172.19.8.30

Working Device(s)

Refresh Properties Browse

Device	Curr Applica...	Device Id
172.19.8.30	0	00001

Found 1 device(s) Failure d...

Recovery

HWAddr	S/N	P/N
00:40:DE:0...	G10000100	145-8074/0...

Elsag-Datamat S.p.A.

M-01

Alarm Reads

M-01	VWX[YT1][Z7]	?	11:10:00
M-01	CPU211	?	11:10:00
M-01	LRU411	?	11:10:00
M-01	1X[FE]G	?	11:09:51
M-01	[VT]A[T1Y]C...	?	11:09:37
M-01	[L]3CJ	?	11:09:35

Setup

Menu



LPR - Mobile Plate Hunter 900

Alerts



Pending Alerts

0

Vehicle: Desktop



Management

Diagnostics

M-00



M-01

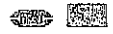
49



M-02



M-03



R-00



R-01



R-02



R-03



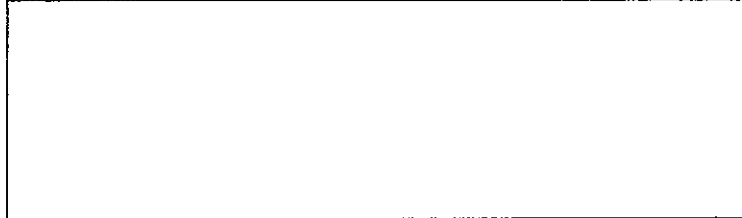
Alarm

Last events

Reads

M-01	1X[EF]G	?	11:06:19
M-01	VWX4YZ	?	11:06:15
M-01	CPU211	?	11:06:05
M-01	VX[YT1]C[Y...	?	11:05:58
M-01	VWXLYZ	?	11:05:42
M-01	CPU211	?	11:05:31

Alarms



Info

Setup

Menu



LPR



start

Program

11:06:04

CAR SYSTEM

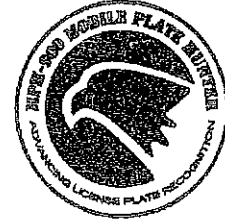
Audio 5700 - User

My Documents

11:06 AM



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A Finmeccanica Company



DISCLOSURES

RETURN & RESTOCKING POLICY

ELSAG North America takes our client satisfaction very seriously. We understand that from time to time clients may be faced with a purchase that they were not completely satisfied with. We will accept returns under the following conditions:

- > The customer is to call Elsag Support at 866-967-4900 to request a Return Authorization Number.
- > The returned equipment must be shipped back to Elsag within 14 days of the Return Authorization Number request.
- > New, unopened systems (if shipped within 60 days) can be returned. A 10% restocking fee will be charged.
- > Lightly used systems in excellent physical condition (if shipped within the last 120 days) can be returned. A 25% restocking fee will be charged.
- > ~~Used systems with light physical wear (if shipped within the last 120 days) can be returned. A 35% restocking fee will be charged.~~
- > Refunds will be applied against the outstanding balance upon receipt of payment (if there is an outstanding balance).
- > Returned equipment shipped at customer expense.
- > Damaged equipment may not be returned.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED HARDWARE WARRANTY

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for a period of ONE (1) YEAR from the date of installation by the original end-user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received

within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

EXCLUSIONS AND LIMITATIONS

ELSAG does not warrant that the operation of the Product will be uninterrupted or error free. ELSAG is not responsible for damage arising from failure to follow instructions relating to the Product's use. This warranty does not apply: (a) to errors or defects caused by persons or entities other than ELSAG, including, without limitation, errors or defects in any third-party software or products and errors or defects caused by modifications to the Product (including upgrades and repairs) by someone other than ELSAG or an ELSAG Authorized Service Provider; (b) to any breach of the Product (camera and trunk box/processing unit) seal by someone other than ELSAG or an ELSAG Authorized Service Provider; (c) to pre-existing conditions in the installation environment or vehicle; (d) to damage from accident, abuse, misuse or introduction of foreign objects into the Product; (e) to unauthorized Product repairs, modifications or alterations; (f) to failure to follow the manufacturer's instructions; (g) to third party actions (i.e., fire, collision, vandalism, theft, etc.); (h) to elements of acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not

reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass and batteries.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, STATUTORY, EXPRESS OR IMPLIED. AS PERMITTED BY APPLICABLE LAW, ELSAG SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF ELSAG CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE DURATION OF THIS EXPRESS WARRANTY AND TO REPAIR OR REPLACEMENT SERVICE AS DETERMINED BY ELSAG IN ITS SOLE DISCRETION. No ELSAG reseller, agent or employee is authorized to make any modification, extension, or addition to this warranty. If any term is held to be illegal or unenforceable, the legality or enforceability of the remaining terms shall not be affected or impaired.

ELSAG's maximum liability under this Warranty, whether in contract, tort (including negligence or strict liability), or otherwise, shall be the cost of repair or replacement of the affected Products. EXCEPT AS PROVIDED IN THIS WARRANTY AND TO THE EXTENT PROVIDED BY LAW, ELSAG IS NOT RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR CONDITION, OR UNDER ANY OTHER LEGAL THEORY IN CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY) OR OTHERWISE, INCLUDING BUT NOT LIMITED TO LOSS OF USE; LOSS OF REVENUE; LOSS OF ACTUAL OR ANTICIPATED PROFITS (INCLUDING LOSS OF PROFITS ON CONTRACTS); LOSS OF THE USE OF MONEY; LOSS OF ANTICIPATED SAVINGS; LOSS OF BUSINESS; LOSS OF OPPORTUNITY; LOSS OF GOODWILL; LOSS OF REPUTATION, WHETHER OR NOT ELSAG IS OR HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES.

For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.

An optional Extended Warranty providing the coverage detailed above can be purchased to protect your product for up to four (4) additional years. Please contact your Elsag North America, LLC Sales Representative for details.

ELSAG NORTH AMERICA, LLC ONE (1) YEAR LIMITED SOFTWARE WARRANTY

COVERAGE

(a) Elsag North America, LLC ("Licensor") does not warrant that Licensee's use of the Software and Related Materials will be uninterrupted or that the operation of the Software will be error-free or secure and hereby disclaims any and all liability on account thereof. Licensor warrants that the Software, without Modifications, will substantially conform to the Related Materials for the period designated above ("Warranty Period").

(b) During the warranty period as described above, Licensor's entire liability and Licensee's exclusive remedy shall, at Licensor's option, be one of the following:

- (i) Licensor may attempt to correct or work around Errors;
- (ii) Licensor may replace the Software and Related Materials;
- (iii) Licensor may refund to Licensee the license fees, or part thereof, paid to Licensor upon return of the Software and Related Materials to Licensor or its authorized distributor;

(c) Repaired, corrected, or replaced Software and Related Materials shall be covered by this limited warranty for the period remaining under the warranty that covered the original Software, or if longer, for thirty (30) days after the date of shipment to Licensee of the repaired or replaced Software. Only if Licensee informs Licensor of Licensee's problem with the Software during the applicable warranty period and provide evidence of the date Licensee acquired the Software will Licensor be obligated to honor this warranty described under this Section 9. Licensor will use reasonable commercial efforts to repair, replace, advise, or refund pursuant to the foregoing warranty within thirty (30) days of being so notified.

(d) THIS IS A LIMITED WARRANTY AND IT IS THE ONLY WARRANTY OR CONDITION MADE BY LICENSOR. LICENSOR EXPRESSLY DISCLAIMS TO THE FULLEST EXTENT POSSIBLE BY LAW ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO THE SOFTWARE AND RELATED MATERIALS. NO DEALER, AGENT, OR EMPLOYEE OF LICENSOR IS AUTHORIZED TO MAKE ANY MODIFICATIONS, EXTENSIONS OR ADDITIONS

TO THIS LIMITED WARRANTY. If the media containing the Software is subject to accident, abuse, or improper use, or if Licensee makes any prohibited modifications to the Software during the warranty period, or if Licensee violates any term of this Agreement, then this warranty shall immediately and automatically terminate. This warranty shall not apply if the Software is used on or in conjunction with hardware or software other than the hardware and software with which the Software was designed to be used.

UPDATES

Provided that Licensee is in compliance with the terms and conditions of the License Agreement, Licensor agrees to make available to Licensee all updates, improvements and Enhancements for the Software, if any, at no charge for the Warranty Period described above and then at the then updated fee schedule thereafter. Nothing herein shall be construed or interpreted as requiring Licensor to develop any such updates, improvements or Enhancements.

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Lenexa AIO 1 & 2

Computer Name: Lenexa-AIO_1
User Name: User
Password: User@aio
IP Address: 172.19.8.37
Car System: 5.6 Final Release
SQL sa: sa
SQL Password: ELSAGelsag
Windows XP Pro

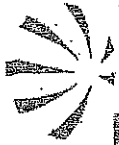
Product Key: G8G6P-J6J98-4D82C-J8PR9-8CPFJ

ESN: 60E348D9

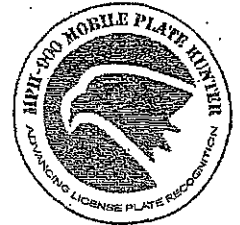
Computer Name: Lenexa-AIO_2
User Name: User
Password: User@aio
IP Address: 172.19.8.37
Car System: 5.6 Final Release
SQL sa: sa
SQL Password: ELSAGelsag
Windows XP Pro

Product Key: F9WRY-FDVTD-X2MFP-M4QFM-M88QJ

ESN: 60E3492E



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LPR Pre-Installation Worksheet
2/10/2010 4:09:24 PM

Installer Information	
Installer name	
Company	
Department	
E-mail	
Phone	
Mobile	
Contact Address	

Contact Information	
Agency Name	
Installation Contact name	
E-mail	
Department	
Phone	
Mobile	
Technical Support Contact name	
E-mail	
Department	
Phone	
Mobile	
Shipping address	
Shipping Comments	
Installation address	



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Scheduled Installation Date	
Scheduled Installation Time	
Estimated Duration	
Actual Arrival Date	
Actual Arrival Time	
Actual Duration	
Installation Comments (weather, logistics, location, garage, etc)	
Are we removing equipment?? (Itemize the exact equipment details directly from customer)	

Unit Information	
Unit Serial #	
Component1 Type & Serial #	
Component2 Type & Serial #	
Component3 Type & Serial #	
Component4 Type & Serial #	
Component5 Type & Serial #	
Component6 Type & Serial #	

Car Information	
Agency Car ID	
Car Make, Model & Year	
Car License Plate #	
VIN #	



ELSAGNorthAmerica

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MDT Information	
Computer Make/Model/Year	
Operating System	
Amount of Ram	
Processor	
Amount of Hard Drive Space Available	
Installed Applications NetMotion, Deep Freeze, Fortress..etc	
Type of VPN	
Virus Protection	

Car System Information	
Car System Version	4.7.1
Car ID for COM	
Firmware Version	
Components	<input checked="" type="checkbox"/> ADM <input checked="" type="checkbox"/> GPS <input type="checkbox"/> COM <input type="checkbox"/> ACM <input type="checkbox"/> Shutdowner
Download Data on USB	<input type="checkbox"/> Yes <input type="checkbox"/> No
Download Path	
COM Settings	<input type="checkbox"/> Short Range <input type="checkbox"/> Long Range <input type="checkbox"/> SMS
EOC TCP Server IP	
EOC FTP Server IP	
FTP Port Number	
FTP Username	CSY
FTP Password	CsY



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Enable Mission Report	<input type="radio"/> Yes <input type="radio"/> No
Transit Data Storage in Days	
Alarm Data Storage in Days	
Database login: Username Password	sa
Query Result Export Type	<input type="radio"/> Plain Text TAB delimited <input type="radio"/> Zip (HTML File with Images)
Enable Data Storage for Download	<input type="radio"/> Yes <input type="radio"/> No
Maximum Transit Data Storage Period	
Maximum Alarm Data Storage Period	
Maximum Manual Download Backup Period	
Data Root Location	C:\Program Files\Car System
Save Alarms Only	<input type="radio"/> Yes <input checked="" type="radio"/> No
Client Remote Access	<input type="radio"/> Yes <input checked="" type="radio"/> No
Import list folder on Local Drive	<input type="radio"/>
Import list folder path	C:\Hotlist
Import list folder on USB Drive	<input type="radio"/>
Enable Re-Check Transit against new HotList	<input type="radio"/>
Days	
GPS Serial Port	
Datamerge	



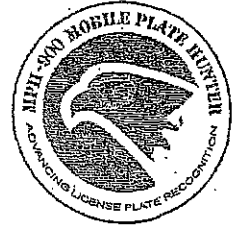
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Test Information	
Car System Test	
Hot List Download Test	
Data Upload Test	
LPR System Reading	
Car Data Import	
GPS Test	



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Please verify that the information above is correct.

Customer:

Name Print: _____

Name Signature: _____ Date: ____/____/____

Installer:

Name Print: _____

Name Signature: _____ Date: ____/____/____

Lenexa AIO 1 & 2

Computer Name: Lenexa-AIO_1
User Name: User
Password: User@aio
IP Address: 172.19.8.37
Car System: 5.6 Final Release
SQL sa: sa
SQL Password: ELSAGelsag
Windows XP Pro

Product Key: G8G6P-J6J98-4D82C-J8PR9-8CPFJ

ESN: 60E348D9

Computer Name: Lenexa-AIO_2
User Name: User
Password: User@aio
IP Address: 172.19.8.37
Car System: 5.6 Final Release
SQL sa: sa
SQL Password: ELSAGelsag
Windows XP Pro

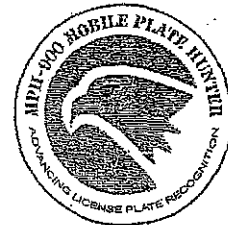
Product Key: F9WRY-FDVTD-X2MFP-M4QFM-M88QJ

ESN: 60E3492E



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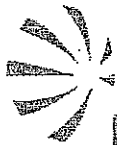


LPR Pre-Installation Worksheet

2/10/2010 4:09:24 PM

Installer Information	
Installer name	
Company	
Department	
E-mail	
Phone	
Mobile	
Contact Address	

Contact Information	
Agency Name	
Installation Contact name	
E-mail	
Department	
Phone	
Mobile	
Technical Support Contact name	
E-mail	
Department	
Phone	
Mobile	
Shipping address	
Shipping Comments	
Installation address	



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Scheduled Installation Date	
Scheduled Installation Time	
Estimated Duration	
Actual Arrival Date	
Actual Arrival Time	
Actual Duration	
Installation Comments (weather, logistics, location, garage, etc)	
Are we removing equipment?? (Itemize the exact equipment details directly from customer)	

Unit Information	
Unit Serial #	
Component1 Type & Serial #	
Component2 Type & Serial #	
Component3 Type & Serial #	
Component4 Type & Serial #	
Component5 Type & Serial #	
Component6 Type & Serial #	

Car Information	
Agency Car ID	
Car Make, Model & Year	
Car License Plate #	
VIN #	



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MDI Information	
Computer Make/Model/Year	
Operating System	
Amount of Ram	
Processor	
Amount of Hard Drive Space Available	
Installed Applications NetMotion, Deep Freeze, Fortress...etc	
Type of VPN	
Virus Protection	

Car System Information	
Car System Version	4.7.1
Car ID for COM	
Firmware Version	
Components	<input checked="" type="checkbox"/> ADM <input checked="" type="checkbox"/> GPS <input type="checkbox"/> COM <input type="checkbox"/> ACM <input type="checkbox"/> Shutdowner
Download Data on USB	<input type="checkbox"/> Yes <input type="checkbox"/> No
Download Path	
COM Settings	<input type="checkbox"/> Short Range <input type="checkbox"/> Long Range <input type="checkbox"/> SMS
EOC TCP Server IP	
EOC FTP Server IP	
FTP Port Number	
FTP Username	CsY
FTP Password	CsY



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Enable Mission Report	<input type="radio"/> Yes <input type="radio"/> No
Transit Data Storage in Days	
Alarm Data Storage in Days	
Database login: Username Password	sa
Query Result Export Type	<input type="radio"/> Plain Text TAB delimited <input type="radio"/> Zip (HTML File with Images)
Enable Data Storage for Download	<input type="radio"/> Yes <input type="radio"/> No
Maximum Transit Data Storage Period	
Maximum Alarm Data Storage Period	
Maximum Manual Download Backup Period	
Data Root Location	C:\Program Files\Car System
Save Alarms Only	<input type="radio"/> Yes <input checked="" type="radio"/> No
Client Remote Access	<input type="radio"/> Yes <input checked="" type="radio"/> No
Import list folder on Local Drive	<input type="radio"/>
Import list folder path	C:\Hotlist
Import list folder on USB Drive	<input type="radio"/>
Enable Re-Check Transit against new HotList	<input type="radio"/>
Days	
GPS Serial Port	
Datamerge	



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Test Information	
Car System Test	
Hot List Download Test	
Data Upload Test	
LPR System Reading	
Car Data Import	
GPS Test	



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Please verify that the information above is correct.

Customer:

Name Print: _____

Name Signature: _____ Date: ____/____/____

Installer:

Name Print: _____

Name Signature: _____ Date: ____/____/____

ELSAG North America

205-H Creek Ridge Road
Greensboro, NC 27406

Voice: 336-379-7135

Fax: 336-379-7164

Sales Order Date

3/22/2011

Ship Date:

3/22/2011

Packing List

Sales Order Number 100004307

Sales Invoice Number 14393

To:
Lenexa Police Dept. 12500 W 87th St. Lenexa, KS 66215 United States

Ship To:
Lenexa Police Dept. 12500 W 87th St <i>Attn: Dave Wilson</i> Lenexa, KS 66215 United States

Customer ID	PO Number	Sales Rep Name
Lenexa Police Dept.	Warranty	MAXWELL
Customer Contact	Shipping Method	Payment Terms
Dave Wilson	Ground	Net 15 Days

Packing List Sales Order Number 100004307 Sales Invoice Number 14393

411308 - 10 Ft Cable Assm - AD3 Split	3.00	3
---------------------------------------	------	---

Camera Serial Numbers:	Trunk Box Serial Numbers:	Comments:
		<i>CD included</i>

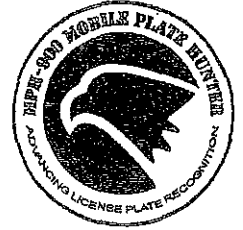
QA Approval: *[Signature]* Date: *3/22/11* BOX ___ OF ___

Fairwork / *BI*
QF-10.032



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ONE (1) YEAR LIMITED WARRANTY

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for a period of ONE (1) YEAR from the date of purchase by the original end- user purchaser ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

EXCLUSIONS AND LIMITATIONS

ELSAG does not warrant that the operation of the Product will be uninterrupted or error free. ELSAG is not responsible for damage arising from failure to follow instructions relating to the Product's use. This warranty does not apply: (a) to errors or defects caused by persons or entities other than ELSAG, including, without limitation, errors or defects in any third-party software or products and errors or defects caused by modifications to the Product (including upgrades and repairs) by someone other than ELSAG or an ELSAG Authorized Service Provider; (b) to any breach of the Product (camera and trunk box/processing unit) seal by someone other than ELSAG or an ELSAG Authorized Service Provider; (c) to pre-existing conditions in the installation environment or vehicle; (d) to damage from accident, abuse, misuse or introduction of foreign objects into the Product; (e) to unauthorized Product repairs, modifications or alterations; (f) to failure to follow the manufacturer's instructions; (g) to third party actions (i.e., fire, collision, vandalism, theft, etc.); (h) to elements of acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries and cables, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass, batteries, network cables, transportable cables and transportable power cables.

412 Clock Tower Commons, Brewster, NY 10509 Direct: 845-278-5425 Toll Free: 866-9-MPH900 www.elsagna.com

QF-05.001



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For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.



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ONE (1) YEAR LIMITED WARRANTY

COVERAGE

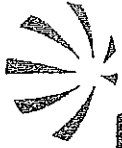
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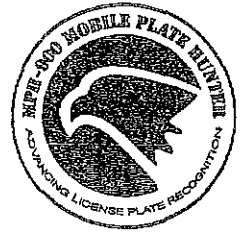
412 Clock Tower Commons, Brewster, NY 10509 Direct: 845-278-5425 Toll Free: 866-9-MPH900 www.elsagna.com

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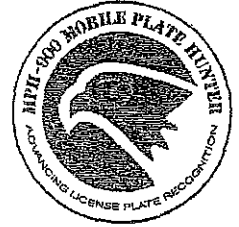
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For technical support or to arrange for service on your ELSAG product, call our toll free 24 hour hotline at 1-866-9MPH900.



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ELSAG NORTH AMERICA, LLC
EXTENDED LIMITED WARRANTY

Equipment Owner

Anytown PD
123 Easy Street
Anytown, NY 99999

Servicer

Elsag North America, LLC
205 H Creek Ridge Road
Greensboro, NC 27406

Model Number

MPH-900
FPH-900

Serial Number

123456789
987654321

Equipment Location

Anytown PD
123. Easy Street
Anytown, NY 99999

~~Date Equipment Installed: 10/5/09~~

~~Date Coverage Begins: 10/5/09~~

~~Warranty Sales Price: N/A~~

~~Date Coverage Ends: 10/5/13~~

COVERAGE

ELSAG North America, LLC ("ELSAG") warrants this ELSAG hardware product against defects in design, materials and workmanship under normal use in accordance with the specifications and documentation for the period designated above ("Warranty Period"). If a hardware defect arises and a valid claim is received within the Warranty Period, at its option and to the extent permitted by law, ELSAG will either (1) repair the hardware defect at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new or serviceable used parts and is at least functionally equivalent to the original product.

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acts of war or acts of God; (i) to battery leakage or improper use of any electrical source; (j) to cosmetic or structural damage to case or frame of the Product or to any non-operating part including decorative parts; (k) to any damage to the Product covered by an insurance policy (in such a case, this Warranty will cover any applicable deductible, subject to the terms of coverage and exclusions set forth herein); (l) to preventative maintenance; (m) to any damage which is not reported during the Term of this Warranty; (n) to costs associated with the installation, removal or reinstallation of the Product; and (o) to consumable parts, such as batteries, unless damage has occurred due to a defect in materials or workmanship. Items not covered under warranty (but available for purchase) include; camera glass and batteries.

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