U30S

U250S

U500S

U70S

U150S

U800S

NETASQ U SERIES S MODELS

PERFORMANCE, PROTECTION, CONTROL

KEY BENEFITS OF THE U SERIES

- Uncompromised security
- High performance
- Simplified configuration
- Proven and certified solutions

WHAT DOES THE LAW SAY?

The NETASQ range of solutions helps you to meet legal obligations.

By law, the CEO is responsible for protecting personal data (article 34 of the French Data Protection Act) and may be fined up to 300 000 Euros and sentenced to 5 years of imprisonment for failure to do so (art 226-17 of the French Penal Code).

He is also duty-bound to prevent any illegal use of the company network by employees or outsiders (art 323 of the French Penal Code).

A NEW GENERATION OF FIREWALLS

SAFEGUARD YOUR APPLICATION TRAFFIC

The latest models of NETASQ application firewalls embed all the protection technologies usually reserved for large corporations and military organizations. This is our guarantee of the most efficient security – the combination of sophisticated application scans as a preventive measure and reactive targeted databases for known attacks.

KEEP YOUR COMMITMENTS TO COMPLIANCE

NETASQ's application firewalls are a key component in keeping your commitments with regard to the **PCI DSS** standard, complying with the **ISO 27001** standard, and also successfully obtaining **ITIL** certification or complying with the **Data Protection Act**.

TAKE ADVANTAGE OF THE BROADBAND NETWORK

The latest-generation U series architecture was specifically designed to maximize the performance of the NETASQ protection engine. As such, complex application traffic is inspected at core network speed without discernible latency (< 1millisecond).

OPT FOR A SUSTAINABLE SECURITY SOLUTION

The latest U Series models have been designed for a MTBF exceeding 9 years. Such an uncommon level of reliability, combined with their sustainable performance, is another point for the **cost-effectiveness** of the U Series. It is also the only series to come with an energy saving mode, thanks to its IEEE 802.3az network components. For the company, this means a perfect alignment with a sustainable development approach.

The U500S and U800S appliances are fitted with slots for optic fiber connectors and are therefore already compatible with **Fiber to the Office** (FttO). Hardware-accelerated data encryption also anticipates the exponential increase in **high-speed VPN access.**

LOOK AFTER YOUR VULNERABILITIES

NETASQ possesses the only **effective application vulnerability detection** technology embedded within a network protection engine – NETASQ Vulnerability Manager. The map of your network traffic allows you to quickly identify obsolete or vulnerable applications. As soon as a vulnerability is detected on your network, NETASQ Vulnerability Manager will warn you and provide you with the information needed to fix it.

COMPREHENSIVE SECURITY

KEY FEATURES

- Application firewall
- VPN encryptor
- Web filtering
- UTM: antivirus, antispam

INDEPENDENT CERTIFICATIONS

COMMON CRITERIA CERTIFIED **EAL4+**   NATO OTAN   **EU RESTRICTED**

PUBLIC SECTOR: SPECIFIC COMMITMENTS

If you are an administrative authority (government, territorial agency, etc.), you would certainly have access to user data. You will therefore need to comply with a specific regulation, depending on your country.

NETASQ solutions have been qualified by the highest governmental standards in Europe for use in securing your traffic.

STAY IN CONTROL OF HOW YOUR USERS ACCESS THE INTERNET

Thanks to web filtering and quality of service, you can program the use of the internet to fit your needs. Gone are the days of poor-quality telephone communications because of a new viral video eating up your bandwidth.

BRING YOUR EMPLOYEES CLOSER

Thanks to the virtual private network (IPSec and SSL VPN), your employees will have secure access to your corporate network wherever they are. Interconnection between various sites and access to the network for employees on the move are very easy to set up. Moreover, the built-in hardware acceleration on NETASQ's solutions allows you to use the most secure algorithms (AES, SHA) while maintaining the quality of communication between your employees.

SAVE TIME

Configuring a security appliance is a crucial step that has to be both easy and comprehensive. The simplicity of NETASQ's configuration interface lets you regain control. You or your service provider can secure your network quickly and without errors. The detection of anomalies in the security policy, the automation of objects and the many wizards will help save you precious time and avoid potentially costly confusions.

Message		Action	Level
IM : AIM (AOL Messenger) - ICQ	Help	Allow	Minor
IM : MSN Messenger/Windows Live Messenger client		Allow	Minor
IM : Yahoo Messenger client		Block	Minor

ONE FIREWALL, MANY SOLUTIONS

Every multifunction (UTM) firewall in the U Series embeds all of NETASQ's protection technologies, in particular the application traffic inspection engine used by the largest corporations and several military organizations. NETASQ solutions also include protection from viruses, spam and phishing.
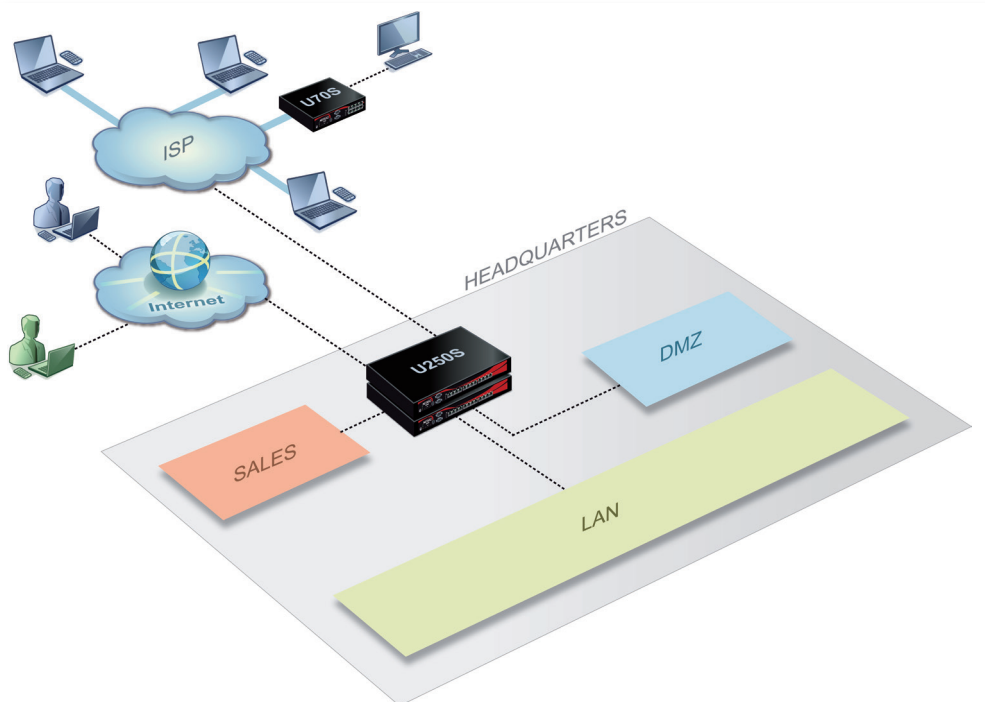
PERFORMANCE*	U30S	U70S	U150S	U250S	U500S	U800S
Firewall + IPS (Mbps)	400	800	1,000	1,800	2,400	3,500
IPSec VPN (AES Mbps) 25 concurrent tunnels, total throughput	100	200	250	350	450	550
Concurrent connections	75,000	150,000	250,000	600,000	1,200,000	1,500,000
New connections per second	5,000	8,000	10,000	12,000	16,000	22,000
Unlimited user license	✔	✔	✔	✔	✔	✔
NETWORK CONNECTIVITY	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
10/100/1000 interfaces	5 (1+2x2 ports switch)	8	8	12	12	12
Optional interfaces (copper or fiber)	-	-	-	-	2x 1Gb	2x 1Gb or 2x 10Gb
3G Modem	Optional	Optional	Optional	Optional	Optional	Optional
PROTECTION	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
ASQ protection engine	✔	✔	✔	✔	✔	✔
Application detection and monitoring	✔	✔	✔	✔	✔	✔
Inspection of application traffic	✔	✔	✔	✔	✔	✔
Web 2.0 advanced protection	✔	✔	✔	✔	✔	✔
SSL inspection	✔	✔	✔	✔	✔	✔
Application inventory & vulnerability assessment	Optional	Optional	Optional	Optional	Optional	Optional
CONTENT FILTERING	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
Built-in Antivirus – Antispam	✔	✔	✔	✔	✔	✔
URL filtering (16 categories)	✔	✔	✔	✔	✔	✔
Kaspersky Antivirus	Optional	Optional	Optional	Optional	Optional	Optional
NETASQ Extended Web Control (65 categories)	Optional	Optional	Optional	Optional	Optional	Optional
USERS	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
Integration with Active Directory	✔	✔	✔	✔	✔	✔
Internal or external directory (LDAP)	✔	✔	✔	✔	✔	✔
Transparent authentication	✔	✔	✔	✔	✔	✔
Multi-level PKI and certificate authority	✔	✔	✔	✔	✔	✔
HIGH AVAILABILITY (HA)	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
Active / passive	-	✔	✔	✔	✔	✔
Synchronization of sessions / users	-	✔	✔	✔	✔	✔
Hardware failure detection	-	< 1 second	< 1 second	< 1 second	< 1 second	< 1 second
Redundant system partition	✔	✔	✔	✔	✔	✔
CAPACITIES	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
IPSec VPN tunnels (Max)	50	100	500	1,000	1,000	2,000
Concurrent SSL VPN connections	20	50	75	150	300	500
No. of VLANs (Max)	64	64	256	512	512	512
Local log storage	Optional	Optional	120GB	120GB	120GB	120GB
WAN link redundancy (Max)	4	4	8	8	8	8
Simultaneous PPTP clients (Max)	48	48	96	96	96	96
NETWORK – ROUTING – QOS	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
Transparent, routed, hybrid modes	✔	✔	✔	✔	✔	✔
Policy-based routing (PBR)	✔	✔	✔	✔	✔	✔
Dynamic routing	✔	✔	✔	✔	✔	✔
Bandwidth guarantee/limitation	✔	✔	✔	✔	✔	✔
IPSEC VPN	**U30S**	**U70S**	**U150S**	**U250S**	**U500S**	**U800S**
Hardware acceleration	✔	✔	✔	✔	✔	✔
3DES, AES, Blowfish / MD5, SHA1, SHA2	✔	✔	✔	✔	✔	✔
IPSec NAT Traversal – Dead Peer Detection	✔	✔	✔	✔	✔	✔

HARDWARE	U30S	U70S	U150S	U250S	U500S	U800S
MTBF in years (hours)	More than 9 years (78,895)					
Racking	1U (1/2 width)		1U – 19"			
Height x Width x Depth (mm)**	44.45 x 210 x 195		44.45 x 485 x 310			
Weight	1.3kg (2.9lbs)		4.3kg (9.5lbs)			
Packaged Height x Width x Depth (mm)	105 x 385 x 290		170 x 570 x 430			
Packaged weight	2.4kg (5.3lbs)		6.3kg (13.9lbs)			
Power supply (AC)	100-240V, 60-50Hz					
Power consumption (230V 50Hz)	21W 0.19A	30W 0.25A	54W 0.36A	77W 0.43A	77W 0.54A	98W 0.54A
Thermal dissipation (maximum, BTU per hour)	70	103	185	263	263	332
Noise level	Fanless	22db (A)	55db (A)	55db (A)	65db (A)	65db (A)
Ethernet energy saving mode (IEEE 802.3az)	LAN, DMZ	✔	✔	✔	✔	✔
ENVIRONMENT	U30S	U70S	U150S	U250S	U500S	U800S
Operational temperature	5° to 40°C (41° to 104°F)					
Storage temperature	-30° to 65°C (-22° to 149°F)					
Relative humidity, operating (without condensation)	20% to 90% @40°C (104°F)					
CERTIFICATIONS	U30S	U70S	U150S	U250S	U500S	U800S
CE, FCC, CCC, CB, RoHS, EAL4+	✔	✔	✔	✔	✔	✔

Non-contractual document. The features mentioned are those in version 9.1.
* Performance is measured in a laboratory and under conditions ideal for version 9.1. Results may vary according to test conditions and the software version.
** Product without its non-slip rubber feet

PROTECTION
User firewall, application firewall
Application inspection
Protection from denial of service (DoS) attacks
SYN proxy
Protection from SQL injections
Protection from Cross Site Scripting (XSS)
Trojan horse detection
Protection from session hijacks
Protection from data evasion
Advanced management of fragmentation
Automatic quarantining in the event of attacks
Antispam: reputation-based analysis — heuristic engine
Antivirus (HTTP, SMTP, POP3, FTP)
SSL encryption and inspection

VoIP (SIP) protection
Vulnerability detection

NETWORK - INTEGRATION
Android/Iphone IPSec VPN support
NAT, PAT, transparent, hybrid
Dynamic routing (RIP, OSPF, BGP)
Transparent authentication: Agent Active Directory, SSL, SPNEGO
Logging to Syslog servers (max 3)
SNMP v1, v2, v3 (AES, DES) agent
ICAP request mode
Transparent or explicit proxy
Policy-based routing (PBR)
Dual system partition
Scheduling by rule

MANAGEMENT
Interactive reports: top 10 web sites, top 10 alarms, top 10 viruses detected, etc.
Role-based administration
E-mail alerts
NETASQ Real-Time Monitor
NETASQ Global Administration
External Storage (optional)

COMMON CRITERIA CERTIFIED EAL4+

NATO OTAN

EU RESTRICTED

TESTED with SPIRENT

About Arkoon+Netasq

Arkoon-Netasq's vision is to be the European leader for network and endpoint cybersecurity solutions. Our aim is to be a long term trusted partner for businesses, governments, critical infrastructures and cloud operators, protecting the most sensitive data, vital corporate assets and critical systems. Arkoon-Netasq, subsidiaries of Airbus Defense & Space, offer an end-to-end range solutions focusing on Network security, Information security and Endpoint security. www.arkoon-netasq.com

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