



A TRUSTED AGENT LEADING INNOVATION FOR OVER 60 YEARS

WE KNOW SPACE ... SOLVING KEY CHALLENGES TO ENSURE SPACE SUPERIORITY

- ANSER is a trusted and integral partner helping government agencies define, acquire, and maintain essential capabilities to execute their mission
- ANSER shapes the space domain, leveraging cutting-edge technologies and innovative processes
- ANSER understands system integration and engineering necessary for a resilient space architecture

OUR APPROACH

- Recruit best players (internal and with partners) from varied disciplines and utilize the right analytical tools to address agency challenges
- Simplify complexity by breaking down issues and challenges to understand systems at the component level
- Employ subject matter experts with a wide range of experiences

ANSER BRINGS INNOVATIVE SOLUTIONS AND AN AGILE, HIGH PERFORMING TEAM TO THE U.S. NATIONAL SECURITY SPACE ARENA

The activation of a new armed service is a daunting task and the United States Space Force is meeting the challenge head on to activate field and delta commands, execute daily operations, shape warfighting culture, and develop new tactics, techniques, and procedures. ANSER can help. We are attuned to new and evolving concepts, and can support acquisition analyses well beyond major weapon system programs. We apply systems engineering, acquisition expertise, and programmatic knowledge to help our clients “discover, develop, and deliver” essential capabilities in a fraction of the time when compared to the “normal” acquisition processes.

ANSER’S HISTORY IN SPACE

We supported DoD and government agencies with extremely complex advancements in mission design and policy since 1958. Since our creation we have been a part of nearly all major space endeavors, to include the first successful rockets, Air Force’s first-ever “10-Year Space Plan”, humans on the moon, and now we are assisting in protecting and defending the space domain.

ANSER’S CAPABILITIES IN THE SPACE DOMAIN

Intelligence Collection and Analysis
Management
Training/Education
Capabilities Assessment
Mission Assurance

Intelligence Mission Management
Organizational Management
Analysis of Alternatives
Requirements Analysis
TS/SCI-cleared staff and facilities

Policy and Strategy Development Program
Risk Assessment
Acquisition Analysis
Workforce Analysis

CURRENT CLIENTS

We serve over 65 organizations throughout the Department of Defense and Intelligence Community, including:



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CAGE Code: 4A458
DUNS: 07-781-5736

OASIS CONTRACTS

- Pool 1 – 47QRAD20DU125
Mgt, Scientific and Technical Services
- Pool 3 – 47QRAD20DU316
Engineering Services
- Pool 4 – 47QRAD20DU408
Research and Development (R&D)

ARCTOS | All In.

Always **All In**: for the **Mission**, for the **Warfighter**, for the **Next Generation**

ARCTOS provides a wide range of technical solutions for the defense market. If it has anything to do with aerospace, cyberspace, or space systems, we design it and keep it going. This means everything from fighter jets and rockets to simulations and cybersecurity software. When it comes to complex, high-stakes missions, our all-in approach makes all the difference. It means our customers get more breadth, more know-how, and more accountability on every project. That's why the US Army, Air Force, NASA, and other government entities, all turn to us. It's also why leading private sector companies partner with us. ARCTOS | All In.

ARCTOS is a leading provider of full lifecycle system support to defense, space, and intelligence markets. Our cradle-to-grave capability makes us uniquely qualified to provide full lifecycle support to serve the increasingly complex missions of our customers, as well as provide enhanced training, resources, and career opportunities for our employees. ARCTOS is comprised of two business units: Technology Solutions and Mission Solutions.

Space: Premier developer of physics-based modeling and simulation Federal Aviation Administration (FAA), the United States Space Force, and all National ranges in the field of launch and reentry operations risk management

- Develop tools to ensure ground, maritime, and airborne assets are out of harm's way during space launches -- characterized direct and secondary property damage during emergencies
- Support go/no-go license and permit evaluation for the FAA
- Inject tremendous realism into exercise events, orbital dynamics, and operational astronautics components including reviewing data associated with all resident space objects and satellites; ephemeris data; types of orbits; and the art of the possible in a complex space domain
- Supported AFRL's space vehicles directorate and currently supporting NewSpace New Mexico

Cyber

- Support the United States Space Force Enterprise Capabilities Division (USSF/S5) current and future strategic requirements office – support Enterprise Space Battle Management Command and Control (ESBMC2) system
- Perform all certification, testing, and design-level engineering to support the Mark XII identification friend or foe (IFF) suite upgrade

MORE BREADTH. MORE KNOW-HOW. MORE ACCOUNTABILITY.

Technology Solutions

- Propulsion Systems Design & Test
- Aero & Propulsion Materials
- Launch Safety
- Research & Development
- SETA-A&AS-SE&I
- Meeting Management & Graphics

Mission Solutions

- Non-Standard Material Procurement, Inspection, & Delivery
- Contractor Logistics Support (CLS)
- Training/Partner Nation Development
- Validation & Certification of Encrypted Systems



ARCTOS CONTRACT POOLS

OASIS – Small Business

Pool 4 – R&D services in Biotechnology, Physical Engineering, and Life Sciences.

Pool 5A – R&D services in Aircraft Parts, Auxiliary Equipment, and Aircraft Engine Parts

Pool 5B – R&D services in Space Vehicles and Guided Missiles, their Propulsion Units, Propulsion Unit Parts, and Auxiliary Equipment and Parts

Pool 6 – R&D services related to Aircraft

OASIS – Unrestricted

Pool 1 – Professional, Scientific, & Technical services.

Pool 3 – Engineering services.

Pool 4 – R&D services in Biotechnology, Physical Engineering, and Life Sciences.



www.ARCTOS-US.com

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THE FUTURE IS BUILT HERE

Boeing Overview

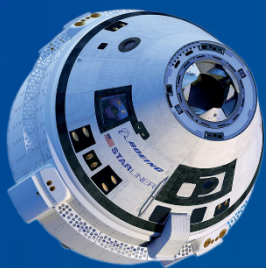
With experience gained from supporting every major U.S. endeavor to escape Earth's gravity, we're designing and building the future of safe, assured space exploration and commercial access – even as we lead the digital transition of the satellite industry for both government and commercial customers around the globe.

BOEING SATELLITES



Boeing builds adaptable satellites to meet changing business cases and fulfill even the most demanding missions. Boeing satellites reliably deliver digital communications, mobile communications, broadband internet connectivity, telephone calls, television programming and direct-to-home entertainment around the world.

CST- 100 STARLINER



Boeing's Crew Space Transportation (CST)-100 Starliner spacecraft is being developed in collaboration with NASA. The Starliner was designed to accommodate seven passengers, or a mix of crew and cargo, for missions to low-Earth orbit. The Starliner has an innovative, weldless structure and is reusable up to 10 times with a six-month turnaround time.

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GATEWAY



Boeing has partnered with NASA and other industry partners to design and develop the gateway, a moon-orbiting outpost that will serve as a base for human and robotic expeditions on the moon, and for future missions to Mars.

X-37B



Boeing designed and developed the X-37B, one of the world's newest and most advanced re-entry spacecraft, designed to operate in low-earth orbit, 150 to 500 miles above the Earth.

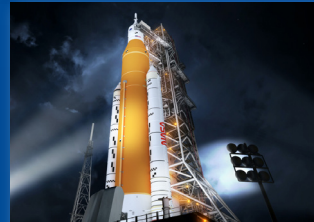
The vehicle is the first since the Space Shuttle with the ability to return experiments to Earth for further inspection and analysis.

AEROSPACE CONNECTIVITY



Our unique ability to combine sensor data collection, digital satellite transmission, purpose-built analytics and unmatched aerospace engineering delivers richer, more contextual data in less time for superior decisions and faster response.

SPACE LAUNCH SYSTEMS



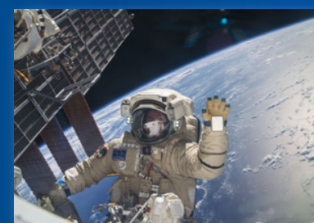
Boeing provides design, development, test and production of the launch vehicle core stage and upper stages, as well as the flight avionics suite.

GLOBAL POSITIONING SYSTEM



Boeing has constructed over 40 GPS satellites that have provided 540+ years of on-orbit service. The Global Positioning System IIF is a current iteration of the GPS satellite, Boeing began building in 1978.

INTERNATIONAL SPACE STATION



Boeing officially turned over the U.S. on-orbit segment of the ISS to NASA on March 5, 2010, and continues to provide key engineering support services and capability enhancements, as well as processing for laboratory experiment racks. Boeing's assessments have shown it is possible to sustain the life of the station's primary structural hardware at least through 2030.

Innovative Solutions With Space-Based Expertise

U.S. SPACE FORCE

COLSA is currently developing solutions for USSF through development of Machine Learning models for automation and RF spectrum characterization. In support for SATCOM RF Geolocation and Electromagnetic Interference (EMI) capabilities, we provide systems engineering and technical assistance as well as providing operator training for a defensive space system that we deploy, build, operate, and maintain in OCONUS. Additionally, we provide Agile Development of new system functionality and cyber security support.



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Headquartered in Huntsville, Alabama, COLSA has served the NASA Marshall Space Flight Center (MSFC) community since January 2004. Our efforts have included development and operation of Mission Ground System in support of the International Space Station (ISS). We have assisted NASA in evolving the Huntsville Operations Support Center (HOSC) as a leader in remote operations for as well as other current and future NASA space projects. We provide systems engineering processes to the HOSC to include System Requirements Development and Systems Architecture Design, and Integration Sustaining Engineering for Mission Operations Systems.



MISSILE DEFENSE AGENCY

COLSA provides software and systems support in the development, operations and sustainment of numerous MDA systems. We support Hardware-in-the-Loop (HWIL) testing of integrated ground test events focused on both system performance and interoperability. We conduct Independent Verification and Validation (IV&V) on tactical software for the Ground-Based Midcourse Defense System (GMD), Command and Control Battle Management and Communications (C2BMC) as well as on multiple RF sensors. COLSA also provides Verification and Validation (V&V) for numerous MDA developed digital models.



WHO WE ARE | Deloitte’s Government & Public Services practice – our people, ideas, technology and outcomes – are all designed for impact. Our 15,000 U.S. public sector professionals in 77 cities, supported by 286,000 professionals in 150+ countries, bring fresh perspectives to help you anticipate disruption, reimagine the possible, and fulfill your mission promise.

DELOITTE SPACE | We are the world’s first professional services practice devoted to the entire space value-chain, from both the government and private sectors, from Fortune 500 companies and aerospace stalwarts to emerging space companies and start-ups. We have space professionals in Washington, DC, Colorado, California, and Alabama, as well as experts in the U.K., Australia, Canada, Japan, Mexico, Luxembourg, and the United Arab Emirates. We are a premier provider of cyber, technology, data, finance, and other professional services for the U.S. Space Force in addition to space-related agencies such as NASA, NSA, NGA, and NRO.

OUR SERVICES AND CAPABILITIES | We serve every segment of the space value chain from upstream manufacturers through downstream space data exploitation and dissemination companies. Our experts have extensive experience across strategy, operations, and technology—and have launched rockets, deployed satellite remote sensing systems, implemented global telecom solutions leveraging commercial satcom, analyzed the commercial space economy, and secured private investment for space technology companies.

Cyber	Technology	Strategy
<ul style="list-style-type: none"> • Cyber Strategy • Cyber Detect & Respond • Application Security • Cyber Cloud • Infrastructure Security • Identity, Data & Privacy • Cyber Emerging Technologies 	<ul style="list-style-type: none"> • Systems Engineering • Cloud Engineering • Cloud Strategy • Software Development • Application Modernization • Application Architecture • Service Delivery Optimization 	<ul style="list-style-type: none"> • Digital Transformation • AI & Data Strategy • Business Strategy • Technology Strategy • Operating Model Design • M&A Integration & Divestiture • Advertising & Marketing
Operations	Data & Analytics	Human Capital
<ul style="list-style-type: none"> • Financial Strategy and Management • Operational Finance • Real Estate Strategy • Operations Transformation • Supply Chain & Network Operations 	<ul style="list-style-type: none"> • Data Modernization • Analytics Modernization • Artificial Intelligence and Machine Learning • Mission Analytics • Modeling and Simulation • Intelligent Automation 	<ul style="list-style-type: none"> • HR Strategy • HR Transformation • Organization Transformation • Workforce Transformation • Human Capital as a Service • Strategic Communications • Future of Work

Deloitte. | Space

OUR CLIENTS | We serve 82% of the world's largest companies across 20 industries, 15 U.S. Cabinet agencies, 44 states and DC, and 60 of the top 100 universities. We provide our services to new space startups, traditional aerospace and defense firms, and related federal government agencies. We are at the forefront of helping the U.S. Space Force develop and defend global, resilient, responsive, and commercially enabled space architectures, systems, and capabilities.

ALLIANCES | We provide clients with easy access to 100+ partners – from high potential startups to industry-leading technology companies to research & educational institutions.

ASSETS | We own or support a wide range of assets (e.g. accelerators, products, solutions) that enable us to quickly deliver for our clients. For example:

- **CyberRECON**, a high-resolution picture of a client's cyber landscape from the adversary perspective
- **Application Modernization by innoWake**, a suite of products that modernize legacy applications
- **SensingBridge**, a discovery and alerting platform that functions as a sensing and innovation hub
- **OrgSuite**, tools that help map an organization's activities
- **OPInsights**, a comprehensive suite of IT operations monitoring capabilities that fit any organization's technology stack and application footprint

DELOITTE AND OASIS

OASIS Pool 1	GS00Q14OADU113	Management/ Scientific/ Engineering Services
OASIS Pool 2	GS00Q14OADU204	Financial Services
OASIS Pool 3	47QRAD20DU344	Military/ Marine/ Energy Engineering
OASIS Pool 4	47QRAD20DU400	Scientific Research & Development

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**Space Capabilities
Unrestricted Pool 1
CONTRACT NUMBER:
47QRAD20DU140**



*IMPROVING THE QUALITY OF THE
ENVIRONMENT IN WHICH WE LIVE,
ONE PROJECT AT A TIME®*

EA Engineering, Science, and Technology, Inc., PBC (EA) is a full-service environmental consulting firm with an extensive federal resume ready to support Space Force on the ground with any environmental requirements. EA is a 100% employee-owned public benefit corporation that provides water and natural resources management, environmental health and safety regulatory compliance, site characterization and remediation, infrastructure engineering and management, and information technology solutions to a wide range of industrial and government clients nationwide.

Headquartered in Hunt Valley, Maryland, EA employs more than 560 professionals through a network of 26 commercial offices and 9 satellite residential offices across the continental United States, as well as Alaska, Hawaii, and Guam. In business for more than 47 years, EA has earned an outstanding reputation for technical expertise, responsive service, and judicious use of client resources.

Federal Clients

- US Army
- US Navy
- US Air Force
- US Coast Guard
- GSA
- NPS
- USFWS
- USFS

OASIS Pool 1 NAICS Codes

- 541330 Engineering Services**
- 541360 Geophysical Surveying and Mapping Services**
- 541370 Surveying And Mapping (Except Geophysical) Services**
- 541380 Testing Laboratories**
- 541611 Administrative Management and General Management Consulting Services**
- 541618 Other Management Consulting Services**
- 541620 Environmental Consulting Services**
- 541690 Other Scientific and Technical Consulting Services**

Key Services

- Coastal Resilience
- Contaminated Site Assessment and Remediation
- Data Management and Technology
- Ecotoxicology Lab
- Environmental, Health, and Safety Management and Assurance
- Engineering Services
- Water and Wastewater Design
- EnviTreat Laboratory
- Infrastructure Project Support
- Munitions Response
- Natural Resources Management
- Sediment Management
- Sustainable Solutions

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COMPANY INFORMATION

ES3 has a staff of over 163 aerospace engineers, scientists, and logisticians. We have offices, test, and/or production facilities in Southern California, Northern Utah, Middle Georgia, and Oklahoma.

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CORE SERVICES AND CAPABILITIES

- Engineering, analysis & design of landing gear & aircraft components/systems
- Advanced material aerospace coatings
- Integration of new repair technologies
- Computational structural dynamic analysis

CERTIFICATIONS

- AS9100
- ISO 22301
- ISO 14001
- ISO 9001
- ISO 17025
- NADCAP

PRIMARY NAICS

- 541330
- 332813
- 541715
- 336411
- 336413
- 488190

CUSTOMERS

- Air Force
- OEMs
- GSA
- Army
- FAA
- ONR
- Navy
- NASA
- AFRL
- DLA
- FMS Countries
- ARL

CONTRACT INFORMATION

- Pool 3 SB 47QRAC20D3025
- Pool 4 SB 47QRAD20D4041
- Pool 3 UR 47QRAD20DU327
- Pool 4 UR 47QRAD20DU427





Our Credentials

OASIS Contracts

Pool 1 Unrestricted – 47QRAD20DU141

Pool 3 Unrestricted – 47QRAD20DU319

Pool 4 Unrestricted – 47QRAD20DU414

CAGE Code – 0VYZ2

DUNS – 095673521

Key Customers

U.S. Army

Redstone Test Center | Weapons Development and Integration Directorate

U.S. Air Force

Air Force Materiel Command | Air Force Research Laboratory

NASA

White Sands Test Facility | Johnson Space Center | Kennedy Space Center | Marshall Space Flight Center

Missile Defense Agency



Contact Us

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About ERC

Who We Are

ERC is a Huntsville, AL-based large business with approximately 2,000 employees conducting engineering, scientific, technical, and IT services nationwide. We have over 30 years of experience providing outstanding services to NASA, DoD, and MDA that span the lifecycles of the systems we support.

We strive to transform this industry and raise the standard of excellence by investing in our employees to enhance their quality of life and by truly partnering with our customers. Our people-centric culture pushes us to continuously develop our capabilities and reach for new levels of performance.

Capabilities

- We are the lead contractor team for Ground-Flight Application Software Team for our TOSC contract at Kennedy, and we are developing the Launch Control Center (LCC) vehicle processing and launch software, math models, and facility/GSE interface software, software requirements documents, firing room applications, and console displays used to command and monitor the Space Launch System (SLS)/Multi-Purpose Crew Vehicle (MPCV) launch vehicle electrical power, ordnance, and range safety systems.
- For the International Space Station (ISS), we provide ground support equipment design services, flight hardware processing and checkout, experiment pre & post flight processing, and integration into logistics carriers on expendable boosters. We also support ongoing ISS payload processing, science sample support including life sciences, and processing Launch Services Provider payloads such as the Mars rovers.
- For the SLS's Ground Systems Development program, we provide design services, procurement, fabrication, installation, checkout, and operation of a wide variety of subsystems.
- Our Propulsion Test Group at Marshall provides test and evaluation and O&M support for propulsion test operations. We support propulsion operations for a wide variety of high pressure engine system components, turbo pumps, valves, cryogenic propellant system components, and other combustion devices.
- We developed, implemented, and currently maintain a Contamination Control Plan for processing facilities and activities at Kennedy. We have experience with the application of organic and inorganic coatings to a variety of substrates.
- We perform precision mechanical and electrical fabrication and assembly services for various payloads including: Life Science Glovebox, Materials Science Research Rack, Environmental Controls Life Support Systems, and Microgravity Science Glovebox.
- We have been involved in compatibility testing of materials for several different commercial customers, including SpaceX and Virgin Galactic/ Scaled Composites.
- We support project planning functions such as formulating cost estimates/ requirements assessments for technical feasibility, safety, performance, operational constraints, site conditions, environmental regulations, and lifecycle costs.
- We also provide verification and validation, requirements management, interface management, technical risk management, technical assessment, and analysis, design, development, and sustainment support for other spacecraft and atmospheric vehicle systems.

WHO WE ARE

Established in 1985 and headquartered in Alexandria, VA, Kearney & Company, P.C. (Kearney) partners with America's Federal agencies to meet today's challenges while preparing for tomorrow's uncertainties. We pride ourselves on understanding our clients' mission, vision, people, and obstacles. Our cadre of professionals deliver comprehensive solutions to increase productivity, analyze and visualize data, automate manual processes, and retool personnel. Our proven approaches increase organizational agility and enhance operational trust.

WHAT WE PROVIDE

Kearney enables our professionals to find solutions efficiently and effectively for our clients throughout the Federal Government. We deliver mission-focused technology, consulting, and audit capabilities to solve the toughest challenges.

Emerging Technology

Kearney delivers Emerging Technology solutions for advanced data analytics and business intelligence, robotic process automation, cyber and cloud security, governance, and internal controls and risk. Our solutions use industry-leading technology and Agile processes to help your organization innovate and accelerate its transformation, focused on your people, processes, and performance objectives. Examples of performance objectives are efficiency modeling, intentional analytics, interactive reporting, continuous insight, adaptive intelligence, and outcome-focused innovation.

Consulting

When our clients expect innovative solutions, Kearney delivers Subject Matter Experts across a wide spectrum of mission sets and capabilities. Our team stands ready to provide actionable solutions to complex problem sets in a vast array of areas, including:

- Financial Management
- Information Security
- Program Management
- Decision Analytics
- Future Force Design
- Workforce Development
- Strategic Communication
- Warfighting Integration

Accounting and Audit Services

As a Certified Public Accounting (CPA) firm, Kearney performs accounting services across the Federal space, delivering superb audit support for Federal financial statement, healthcare, incurred cost, and performance audits. In addition, our team delivers grants management and Enterprise Resource Planning (ERP) support while delivering audit remediation and analytical risk assessment tools for our clients.

FOCUSED ON THE FEDERAL GOVERNMENT

Kearney has a vast Federal footprint with experience serving a majority of agencies across the DoD and Civilian sectors, allowing Kearney to apply best practices across the whole Federal Government. Below is a sampling of our most relevant clients to the United States' Space Force mission:

- Dept of Defense
- U.S. Air Force
- U.S. Army
- U.S. Navy
- U.S. Marine Corps
- National Aeronautics and Space Administration
- Intelligence Community
- Government Accountability Office



Leidos Space Capabilities

Leidos is a Fortune 500® information technology, engineering, and science solutions and services leader working to solve the world's toughest challenges in the defense, intelligence, homeland security, civil, and health markets. The company's 38,000 employees support vital missions for government and commercial customers.

Leidos has been producing leading-edge technology electro-optical/infra-red (EO/IR) space-sensor solutions for over 45 years. We design and build these payloads primarily within three EO/IR mission areas: space-based OPIR (including missile warning and missile tracking); space domain awareness (SDA), both passive and active systems; and space-based weather systems.

Leidos has been a leader in responding to current day and emerging threats by providing resilient solutions for our space-based systems. The impact of the anticipated threats to space-based missions in a contested environment run the gamut from mild, reversible to severe, irreversible effects. The mission must endure as the space assets operate through threat events with transient loss of full capability. We assume a determined adversary can eliminate nodes in our system, and we need to operate through much of the loss of nodes. We have taken three approaches to provide resiliency in our solutions:

- ▶ **Feasible SV Resilience** – making our SVs as resilient to attacks as feasible by adding cost-effective capabilities
- ▶ **Constellation Resilience** – adding reasonable increases in the size of our constellation to assure we can meet the mission needs even with the loss of multiple SVs; this requires shorter life affordable space systems
- ▶ **Rapid Reconstitution** – having limited ground spares built and ready to launch on short notice to replace lost assets

OUR CAPABILITIES

▶ CYBER

Our solutions and services ensure an adaptive defense strategy, proactive threat protection, and a resilient security posture across full spectrum cyber operations.

▶ DIGITAL MODERNIZATION

We take a user-centric approach to digital modernization by delivering purpose-built solutions and managed services that focus on end-user satisfaction while enabling back-end efficiencies and improved security.

▶ INTEGRATED SYSTEMS

Our integrated systems are built on the foundations of agility, modularity, extensibility, open standards, and the new application of many disruptive sensor modalities.

▶ MISSION SOFTWARE SYSTEMS

Our mission software systems are designed to manage complexity in environments that require security, precision, speed, and scale in equal measure.

▶ MISSION SUPPORT

Mission Support provides expertise and solutions in areas such as contract transition, program execution, and staffing and workforce management.

▶ OPERATIONS & LOGISTICS

Our Operations & Logistics teams provide transformational logistics solutions based on operational understanding and commercial best practices, with innovative approaches supported by technology that delivers quantifiable results.

▶ SENSORS, COLLECTION & PHENOMENOLOGY

We research, develop, and implement multiple sensor modalities, develop advanced sensor system signal processing capabilities, and integrate collection systems to meet demanding requirements across operational domains.

CONTRACT INFORMATION

- › OASIS Pool 1 - GS00Q14OADU122
- › OASIS Pool 2 - GS00Q14OADU211
- › OASIS Pool 3 - GS00Q14OADU322
- › OASIS Pool 4 - GS00Q14OADU420
- › OASIS Pool 5A - GS00Q14OADU511
- › OASIS Pool 5B - GS00Q14OADU610
- › OASIS Pool 6 - GS00Q14OADU716
- › All Oasis NAICS Codes Apply

FOR MORE INFORMATION

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SPACE SOLUTIONS

LinQuest's mission is to provide innovative technologies, solutions, and services for national security and commercial space integration. LinQuest delivers performance excellence from initial concept to capability, focused on engineering development, integration, deployment, operations, and optimization of state-of-the-art command and control and information systems to support multi-domain operations. We support complex decision making through rigorous analytics and modeling of the tradespaces.

SPACE CUSTOMERS

- United States Space Force (USSF) Headquarters
- USSF Space Systems Command (SSC), formerly Space and Missile Systems Center (SMC), across portfolio architect, development corps, production corps, enterprise corps, and special programs
- US Space Command (USSPACECOM)
- System Operations Center (SOC)
- Space Development Agency (SDA)
- Space Rapid Capabilities Office (RCO)
- U.S. Army Space and Missile Defense Command (USASMD C)
- Intelligence Community (IC)
- AFRL/Space Vehicles Directorate (RV)
- Commercial SATCOM



OASISSM

**ONE ACQUISITION SOLUTION
FOR INTEGRATED SERVICES**



**ISO 9001:2015 Quality
Management**

Top Secret Facility Clearance

Operate SCIFs

**Washington Technology 2020
Top 100 Largest Government
Contractors**

DUNS: 140389763

CAGE: 3MZU6

**OASIS Unrestricted Contract
Information**

Pool 1: 47QRAD20DU114

Pool 3: 47QRAD20DU307

Pool 4: 47QRAD20DU403

NAICS: 541330, 541713, 541714,
541715, 541380, 541611, 541618,
541620, 541690, 517919, 541990

PSC: R425, R408

Learn more at:

www.linquest.com

CAPABILITIES

Systems, Engineering, and Integration (SE&I)

- Architecture definition, requirements, acquisition support, and test and evaluation
- Model-Based Systems Engineering (MBSE), Digital Engineering

Space domain expertise

- Communications; remote sensing; space control; positioning, navigation, and timing (PNT); and operations

Space Operations, Maintenance, and Sustainment (OM&S)

Operations Research (OR) and Decision Support, Data Analytics

Artificial Intelligence/Machine Learning (AI/ML)

Cybersecurity Engineering, Defensive and Offensive Cyber

Joint All-Domain Command and Control (JADC2)

Mission Planning of open architecture to support mission commander's toolkit

Specialized antenna design and manufacturing

Software-Defined Radios

PNT in GPS-denied zones. Assured PNT through GPS spoofing indicators

5G Wireless and Satellite Communications & Integration Lab

Electronic Warfare (EW)



Core Capabilities

About Us

LMI is a consultancy dedicated to powering a future-ready, high-performing government, drawing from expertise in digital and analytic solutions, logistics, and management advisory services. We deliver integrated capabilities that incorporate emerging technologies and are tailored to customers' unique mission needs, backed by objective research and data analysis. Founded in 1961 to help the Department of Defense resolve complex logistics management challenges, LMI continues to enable growth and transformation, enhance operational readiness and resiliency, and ensure mission success for federal civilian and defense agencies.

Digital and Analytic Services

We bring innovation to the architecture and practical application of new and existing technologies, improving mission effectiveness. Our expertise and deep level of government and military context provide fresh insights and greater action from extant and contemporary data sets for immediate impact.

Logistics

LMI provides complete logistics support, including acquisition services, operations, supply chain and lifecycle management, sustainment, and risk management and mitigation. We help identify and develop scientific solutions that result in measurable improvements in supply chain and enterprise implementation.

Management Advisory Services

LMI offers a wide array of advisory services, from program and implementation management to planning and investment, strategy, and operations management as well as health management and national security.

Contract Vehicles

- OASIS Pool 1: Engineering and Consulting Services (GS00Q140ADU141)
- OASIS Pool 3: Engineering for Aerospace and Military Systems (GS00Q140ADU340)
- OASIS Pool 4: R&D Biotechnology, Physical, Engineering, and Life Sciences (47QRAD20DU410)
- OASIS Pool 6: Research and Development in Aircraft (GS00Q140ADU718)

Current Customers

United States Transportation Command (USTRANSCOM):

- USTRANSCOM JDPAC—Future Deployment and Distribution Assessment IV
- USTRANSCOM RDTE—Space Based Distribution Technologies and Concepts

National Aeronautics and Space Administration (NASA):

- NASA Mission Support—Strategy, Communications, Human Capital, Logistics, and Program Management
- NASA—Data Analysis and Technical Support

Joint Concept for Contested Logistics (JCCL):

- Limited Objective Experiment #3— Space Based Sustainment and Infrastructure
- Science and Technology—Sustainment Operations

[Learn more at lmi.org](http://lmi.org)

LMI
7940 Jones Branch Drive
Tysons, VA 22102
703.917.9800





Launch and Range Operations. ManTech is the prime contractor for the Launch Range Systems Engineering & Integration support both at Vandenberg and Cape Canaveral launch facilities. ManTech performs the satellite integration and pre-launch checkout ensure launch readiness, and executes the launch. We monitor the launch through on-orbit delivery and execute contingency procedures as appropriate. ManTech personnel have participated in virtually all Air Force and NRO launches since winning the contract in 2009 for a 100% success rate.

- Risk management
- Concept of Operations (CONOPS) development
- Mission integration and schedule management
- Configuration and data management
- New entrant launch vehicle certification/non-recurring design validation

Space Range. ManTech has embraced the challenge of identifying and capturing the unique threats and vulnerabilities in the space domain with our newest offering, the [ManTech Space Range](#). Built upon the success of ACRE®, ManTech’s innovative and fully operational cyber range, we are expanding our robust, scalable and hyper-realistic range to encompass the unique requirements of a cyber infrastructure supporting a space enterprise.

- Space Range is a reusable, flexible, physical and virtualized space and cyber range
- Space Range is built using a Software Defined Infrastructure (SDI) model
- Entire space, ground and network environments can be converted to Software Defined Infrastructure (SDIs) on demand
- Ability to provide a before and after vulnerability assessment
- Realistic network traffic stimulation
- ManTech’s team of Space and Cyber professionals bring an offense-informed cyber defense

Key Locations
 HQ
 El Segundo, CA
 Patrick AFB
 Colorado Springs, CO

For more information, visit the [Space Range](#) website

Our objective is to empower our customers in their missions of successful space launch and flight, space exploration, and developing, operating, maintaining, and sustaining the systems that support the warfighter.

ManTech OASIS Pools	ManTech Program Manager
Pool 1 - Professional Services	Charlie Caldwell
Pool 2 - Accounting	charlie.caldwell@mantech.com
Pool 3 - Defense Engineering	703.509.9920
Pool 4 - Research and Development	2250 Corporate Park Drive
Pool 5B – Space Vehicle / Missile	Herndon, VA 20171



ManTech provides space launch and range operations and mission support. We have been ***Securing the Future*** for our DoD, Federal, Civilian, and Commercial customers for over 50 years. We provide expert launch, systems engineering and integration, and cybersecurity support for a broad range of customers to include the DoD, US Air Force, US Space Force, NASA, and a variety of commercial entities. ManTech provides engineering and integration support services to launch vehicles, spacecraft, and robotic systems.

Mission Assurance. Systems engineering for mission assurance extends throughout the entire acquisition lifecycle, from concept development through deployment and disposal, to include supply chain considerations and field operations. ManTech consistently ensures our customers achieve mission objectives. We provide a complete range of hardware and software quality assurance activities to multiple customers' space projects, supporting launch, spacecraft Research and Development (R&D), and major weapon system development. We excel in providing comprehensive qualitative and quantitative assessments, including reliability and probabilistic assessments.

Mission IT. ManTech's launch and space program customers face complex challenges and manage enormous amounts of risk throughout the life of their programs. Our unparalleled expertise, unique perspectives, and proven performance in Mission IT solutions provide our customers greater visibility into the programs, hardware, and operating environments needed to achieve mission success. We excel in systems engineering and integration, cybersecurity, software and tools development, data management, integration, operations and sustainment, and operator training. Innovation and responsiveness are at the heart of everything we do. Our engineers and experts seek out challenges others avoid, evolving best-of-breed technologies to create secure, custom solutions that deliver immediate value.

Cybersecurity. ManTech provides DevSecOps support for the USSF/SMC Defensive Cyber Operations for Space (DCO-S) program office chartered to rapidly field advanced cyberspace capabilities to the space enterprise. In order to execute the mission, DCO-S employs a DevSecOps framework to team with space and cyberspace operators, to develop space enterprise-wide solutions via product lines aligned to the NIST Cybersecurity Framework. ManTech provides Tier 1 thru Tier 4 for cyber security hardware, software, and users throughout the Intelligence Community (IC). We deliver services to include Identity, Access Control, Directory, Intelligence Compliance, Cross-Domain, Cybersecurity Protection, Cybersecurity Defense, and IT Audit to the NRO Information Enterprise (NIE).

Learn More.

Bill "BK" Kelley, VP and Division Manager | (310) 765-9295 |
bill.kelley@mantech.com

Mark Hayes, Executive Director for Space Programs | (719) 330-0561 |
mark.hayes@mantech.com

ManTech

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OASIS Program Manager
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281-823-6223

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Houston, TX 77058

Business inquiries:

oasis@meitechinc.com
www.meitechinc.com

CERTIFICATIONS



OFFICES

Houston, TX
Albuquerque, NM
Shalimar, FL
Beavercreek, OH

MEI Technologies, Inc. (MEIT)

End-to-End Space Capabilities

MEIT is a Woman-Owned Small Business headquartered in Houston, TX. We have provided engineering, design and development, integration, test, and operations for spacecraft systems since the founding of our company in 1992.

We have developed, integrated and flown 417 experiments on 125 DoD and NASA missions, including 35 free flyer satellites. Our systems have accumulated more than 1.3 million hours of on-orbit presence, returning valuable mission and science data to our customers.

We have developed scientific payloads and hardware projects for all DoD branches, as well as NASA and commercial customers. We have integrated payloads on every vehicle currently in the NASA Human Space Flight operational inventory, as well as most DoD and commercial launch vehicles, and have supported launches at both domestic and international launch venues.

Typically, we manage 5-7 major payloads in varying stages of development, each of which integrates 8-12 individual experiments, and 10-15 smaller payloads in flow at any given time. Our processes enable us to deliver at very competitive costs and compressed schedules while meeting all safety and scientific requirements. Our performance led to us receiving the *USAF Secretary Heather Wilson FY18 Outstanding System Program Office Award*.

We also operate multiple integration and testing labs for space systems, and conduct a full range of test activities, including thermal, vibration, environmental, etc. We also operate the DoD Payload Operations and Control Center located at Johnson Space Center.

MEIT has the experience and capability to meet all your space systems requirements.

CONTRACT INFORMATION:

- OASIS SB Pool 4 – GS00Q14OADS421
- OASIS SB Pool 5a – GS00Q14OADS510
- OASIS SB Pool 5b – 47QRAD20D6002
- OASIS SB Pool 6 – GS00Q14OADS719
- OASIS Unrestricted Pool 6 – GS00Q14OADU721



MEIT provides a full range of test capabilities



MEIT's M-1 free-flying satellite bus



STPSat-4 Deployment Feb 2020



CONTACT US

Mike McKinney, COO
bd@obxtek.com

2000 Corporate Ridge Road
Suite 400
McLean, VA 22102
www.obxtek.com



AWARDS

OBXtek named AMVETS Veteran
Friendly Employer of the Year 2019

OBXtek named Veteran Owned
Business of the Year by
NoVa Chamber of Commerce 2019

PRIMARY NAICS CODES

517919 541511 541611 541715
518210 541512 541690 541990
519130 541513 541713 561210
541330 541519 541714 611430

541715 Exception A
541715 Exception B
541715 Exception C

CERTIFICATIONS

ISO 9001:2015
ISO/IEC 20000-1:2018
ISO 14001:2015
ISO/IEC 27001:2013
CMMI DEV ML 3
CMMI SVC ML 3
Virginia Values Veterans (V3)
certified company

TEAM OBXTEK

Team OBXtek is a mission-focused, relationship driven company providing high-quality solutions that last. We are committed to identifying, developing, and delivering innovative, mission-focused technical and logistical solutions to our civilian and military partners in the federal government. Our team provides a full scope of space capabilities that have delivered proven results to the U.S. Air Force and NASA.

OUR CAPABILITIES

Program Management	Applied Research & Development
Logistics	Process Modeling
Acquisition Support	Sub-Scale Testing
SETA Support	Full-Scale Demonstrations
Cyber Services	Innovative System & Product Development
Training	Systems Engineering
Finance & Budget Services	Design and Precision Manufacturing
OCONUS Support	Technology Implementation

OUR SPACE EXPERIENCE

Team OBXtek provides technical acquisition support services, including project management, program and acquisition support services, and technical expertise in base-level civil engineering, contract administration, and financial analysis in support of the U.S. Air Force's 45th Space Wing Program Management Division.

We also support the mission of the Secretary of the Air Force for Acquisition (SAF/AQ) by providing administrative and subject matter expertise in acquisition and sustainment. The SAF/AQ oversees the research, development, test and evaluation, and procurement of major Air Force platforms and systems across the full breadth of air and space capabilities.

Our team is focused on the implementation of innovative technologies in space systems. Our team's developments include a low-temperature cryocooler for the Hubble Space Telescope, a turbo-molecular vacuum pump for the Mars Curiosity Rover, and an ultra-compact star tracker for small satellites.

OASIS CONTRACTS

OASIS Small Business Pool 4	47QRAD20D4069
OASIS Small Business Pool 5A	47QRAD20D5001
OASIS Small Business Pool 5B	47QRAD20D6004
OASIS Small Business Pool 6	47QRAD20D7002
OASIS Unrestricted Pool 1	47QRAD20DU105



Space and Missile Systems

**WHERE ABILITY MEETS AGILITY—ODYSSEY SUPPORTS CUSTOMERS ACROSS THE DOD.
OUR MISSION IS TO MAKE YOUR MISSION A SUCCESS.**

Odyssey has a long history of supporting a wide range of space and Integrated Air and Missile Defense (IAMD) systems and operations, including, Space Situational Awareness/Space Domain Awareness, space warning, space Command and Control, active and passive missile defense (kinetic and non-kinetic), offensive operations, ground stations, data links, mission or user terminals, cyber warfare, space lift, station keeping, and mission packages. We also apply our expertise to supporting infrastructure, including battle management and C5ISR.

OUR SPACE AND MISSILE SYSTEMS EXPERTISE INCLUDES:

Space Control Operations

Support for systems that allow freedom of action in space for friendly forces while, when directed, denying it to an adversary. These include the protection of U.S. and allied space systems and negation of enemy adversary space systems. Space control operations encompass all elements of the space defense mission and include offensive and defensive operations to gain and maintain space superiority and situational awareness.

Nuclear-Survivable, Broadband, and Narrowband Communications

Support for a global satellite communications system designed to operate through an adversary's denial and disruption techniques as well as continue to operate when exposed to high levels of man-made or environmental radiation.

Position, Navigation, and Timing

Support of military and civil GPS requirements, analyses of competing navigation accuracy and timing needs, counter-measures to PNT / GPS threats, GPS operations guidelines, and system security recommendations. GPS support also includes the Nuclear Detection & Detonation System requirements, operational concepts, and architectures.

Space Support Operations

We support operations that, maintain and sustain space forces, including configuring the command and control network for space operations. Our support also includes space vehicle operations.

Missile Warning / Missile Defense

We support the four pillars of IAMD:

- **Passive Defense:** survive the attack
- **Active Defense:** neutralize the attack
- **Command, Control, Computers, Communications, and Intelligence (C4I):** detect and respond to the attack), and
- **Attack Operations:** prevent the attack

The four pillars combine to form a comprehensive joint force capable of deterring or preventing adversaries from effectively employing offensive air and missile weapons.

For 65 years, PAE has tackled the world’s toughest challenges to deliver agile and steadfast solutions to the U.S. government and its allies. With a global workforce of about 20,000 on all seven continents and in approximately 60 countries, PAE delivers a broad range of operational support services to meet the critical needs of our clients.



OVERVIEW

From our broad spectrum of space program development to our range support services, PAE has the experience to support Space Force missions worldwide. PAE provides:

- The design and execution of games on space and counter-space issues for the policy and intelligence communities, focusing on adversary intentions and capabilities and future roles and missions for the U.S. space enterprise
- A full range of technical, financial, program management and administrative/logistics support to classified DARPA space programs: space systems engineering, mission requirements analysis, acquisition planning, satellite systems, guidance, navigation and control, sensor systems, payloads, launch systems, program execution monitoring, independent performance assessments, modeling and simulation, demonstration system design and development, flight test planning, range coordination and execution, cost analysis and mission partner collaboration
- Space systems subject matter expertise to the Strategic Capabilities Office and Space Development Agency
- Technical and administrative coordination for CONFERS, the government/industry consortium that sets standards for satellite rendezvous and servicing operations
- The operation and maintenance of launch ranges and associated facilities for NASA, the U.S. Navy and the U.S. Army
- Modeling and simulation, demonstration planning and technical interchanges for classified space programs
- The development of systems that enable hypersonic boost glide weapons to penetrate enemy air defenses

CAPABILITIES
Program planning
Operational analysis
Doctrine and policy development
System acquisition support
System development, test and evaluation
System survivability analysis
Threat analysis and assessment
Program control and EVMS
Cyber security
Mission operations
Classified program execution

CUSTOMERS
Intelligence Community
DARPA
Defense Counter Intelligence and Security Agency
NASA
U.S. Air Force
U.S. Navy
U.S. Marine Corps
U.S. Army
U.S. Department of State
U.S. Department of Homeland Security
U.S. Department of Justice



OASIS Pool 1: GS00Q14OADU126

NAICS Codes: 541330, 541360, 541380, 541611, 541614, 541618, 541990, 541690
 PSC Codes: R405, R406, R408, R410, R412, R413, R415, R423, R425, R429, R430, R499

POC: Tim Rudderow, Director
 (540) 424-3079, Timothy.Rudderow@pae.com



Through Mission-led Innovation QinetiQ co-creates solutions

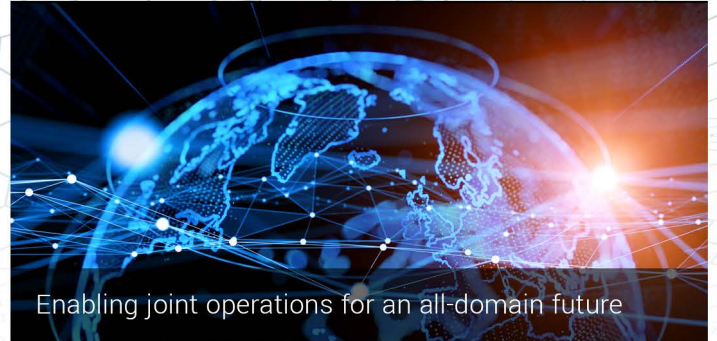
with defense and intelligence partners that emphasize customer ownership, open architectures, sustainable life-cycle cost technology refresh to fight and win in changing, sophisticated battlespaces.



QINETIQ



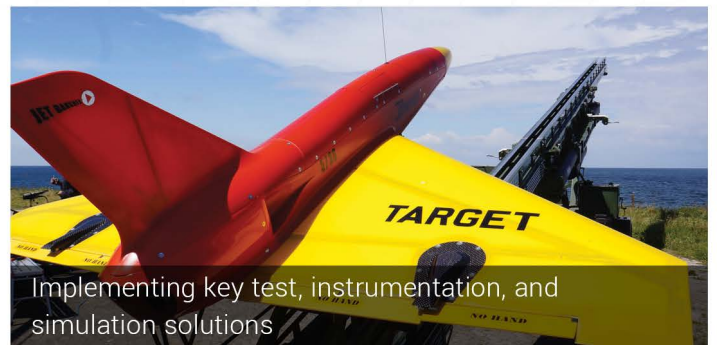
Sensing the future battlefield



Enabling joint operations for an all-domain future



Powering next-generation vehicles and weapons



Implementing key test, instrumentation, and simulation solutions



Advancing the capabilities of autonomous and robotic systems



Perceiving the battlespace one step ahead



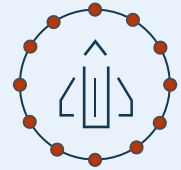
Innovating multi-use platforms across domains



Adapting to pacing maritime threats

GSA OASIS Pools 3 and 4 Unrestricted
Contract #: 47QRAD20DU333
Contract #: 47QRAD20DU426
BD@us.qinetiq.com

10440 Furnace Road Suite 204
Lorton Virginia 22079, United States
+011 540 658 2720
www.us.QinetiQ.com

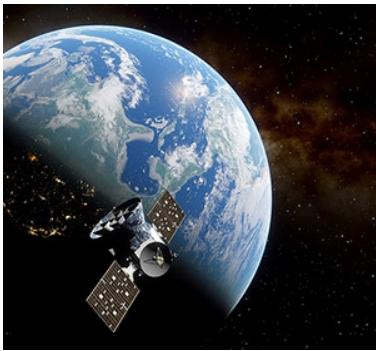


Space Domain Solutions Supporting Global ISR

SMX has extensive global Intelligence Surveillance, and Reconnaissance (ISR) experience to meet mission demands, supporting some of the world's most critical Combatant Command (COCOM) programs. We operate and maintain fixed, mobile, and temporary Ground Control Stations (GCSs) in response to COCOM-specific requirements. As a Lead Industry Integrator (LII), we provide proven cloud-scale data, AI/ML, and data analytics with rapid acquisition and integration strategies to bring the right team of partners and technologies together to solve problems quickly and securely in an ever-changing threat and technology landscape.

SMX has supported nearly all of the major COCOM mission areas, including humanitarian aid, disaster relief, coalition/partner nation building, regional development and stability, persons/targets of interest, threat deterrence, maritime dominance, and contingency response.

Key Contract Capabilities



Intelligence Support – We manage Intel Fusion Cells to collect, transmit, process, analyze, exploit, and disseminate multi-source ISR products and collected data; leverage agile, innovative, efficient space-based (manned/unmanned), airborne, ground, and maritime platform solutions; design/explore innovative AI/ML data techniques to transform raw data into usable information; automate reporting evaluation production, activity modeling, and risk assessments to enhance information sharing/decision making; and perform sensor-specific ISR analysis, exploitation, and product dissemination.

ISR Payload Support – SMX provides Full Motion Video (FMV,) fused FMV/SIGINT via line of sight, electro-optical/infrared, SAR, moving target indicator, identification Friend or Foe, integrated Special Intelligence (SI) capabilities, electronic attack to deny push to talk, Global System for Mobile and WiFi/WiMax; updated sensors, platforms, other tools/equipment as technologies evolve; and obtains, provisions, deploys, operates, maintains, and configures ISR platform solutions for mission requirements.

RDT&E – We have a lab environment with equivalent mission systems to assess vulnerabilities and software effectiveness to plan, conduct, and report system/platform modifications test and evaluation. SMX enhances C5ISR sensor, radar, SIGINT, position, navigation, and timing systems and delivers rapid, cost-effective, non-traditional, and realistic approaches to solutions.

OASIS Prime Contract Information

OASIS contracts are a family of 7 separate Governmentwide multiple award, Indefinite Delivery Indefinite Quantity (IDIQ) contracts that provide flexible and innovative solutions for complex professional services. Smartronix has OASIS Unrestricted contracts for Pools 1, 3, and 4. OASIS has no program ceiling and with a five-year base and one five-year option. OASIS benefits long-term planning for complex program requirements. To learn more visit: <https://www.gsa.gov/oasis>.

GSA OASIS PMO:
oasis@smxtech.com

Program Manager:
Carlton Gayles
cgayles@smxtech.com
cgayles@smartronix.com
571-437-2307 (mobile)

Contract Administrator:
Tammy Wood
twood@smxtech.com
twood@smartronix.com
240-298-7252 (mobile)

Smartronix Pools:
Pool 1: 47QRAD20DU113
Pool 3: GS00Q140ADU313
Pool 4: 47QRAD20DU404

GSA OASIS Support
1-844-GSA-4111
oasis@gsa.gov

Contract Services:
Program Management
Management Consulting
Logistics
Engineering
Scientific
Financial



SMX - Shared Vision. Outcome Assured.®

SMX harnesses the transformative power of technology to achieve mission success as a leader in digital and mission solutions, specializing in secure and advanced cloud, ISR, cyber, data analytics, engineering, space, and IT solutions. Operating in close proximity to our clients across the globe, the SMX team has a shared vision to deliver scalable and secure solutions to assure outcomes for the critical missions of our Government and commercial clients.

Global Footprint

Operating in close proximity with our clients across the globe in support of USSOUTHCOM, USAFRICOM, USSOCPAC, and many other critical missions.

SPACE CAPABILITIES



CORPORATE OASIS PROGRAM MANAGER (COPM)

PATIENCE SAMSON

Vice President - Corporate Development
patience.samson@quantitech.com
310.486.1520

CORPORATE OASIS CONTRACT MANAGER (COCM)

TERESA ROBERSON

Vice President - Corporate & Compliance
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256.799.0669

360A Quality Circle, Suite 100
Huntsville, AL 35806
256.650.6263

www.quantitech.com



OASIS CONTRACT INFORMATION

OASIS Pool 1 UR: 47QRAD20DU102

OASIS Pool 3 UR: 47QRAD20DU301

30

Years in Business

200+

Years of Leadership
Experience

2200+

Employees

PROVEN MANAGEMENT PROCESSES

Corporate Infrastructure:

- DCAA approved Accounting System
- DCMA approved Purchasing System
- Corporate Safety and Health Plan

ABOUT US

QuantiTech, LLC is a Large Business headquartered in Huntsville, AL with over 2,200 personnel. Founded in 1991, QuantiTech was a successful WOSB for 29 years. QuantiTech was acquired by and entered into a strategic partnership with Sagewind Capital in May 2020. Since then, QuantiTech has acquired Dynamic Concepts, LLC, Systems Engineering Group, and has merged with Millennium Engineering and Integration Company. QuantiTech has a proven track record of successful performance and prime contract execution across our growing DoD and FEDCIV customer base. QuantiTech's Space and Missile Defense Division provides premier Subject Matter Expert support and engineering & technical services to the Air Force, Army, NASA, MDA, SMDC, and the Navy.

SPACE CAPABILITIES

Systems Engineering and Integration

- Space Launch Vehicle & Launch Operations Integration
- Space Mission Operations
- Human Rated Vehicle Verification and Validation (V&V) Analysis, Certification of Flight Readiness (CoFR)
- Comprehensive SME team covering full spectrum of space launch related disciplines
- Structural Load Analysis
- Engagement Planning and Guidance, Navigation & Control algorithm development
- Model Based Systems Engineering

Structural and Dynamics Engineering and Analysis

- Guidance, Navigation & Control - Hardware in the loop / Models in the loop design and analysis

Test and Evaluation

- Space liquid / solid / nuclear propulsion systems technology
- Space launch vehicle component and systems test
- Space science technology development and missions support
- Extensive Air Force test facility operations and test support
- Coordination and operations at multiple DoD test ranges and engineering development centers
- Hardware in the loop / Models in the loop design and analysis

Facilities and Environmental Engineering

- Environmental and NEPA Compliance
- Facilities Engineering and Management CONUS / OCONUS
- Space Management Planning and Forecasting

System and Software Safety

- MIL-STD-882-E Tasks and Analyses Expertise
- Software System Safety Design and Analyses
- System Safety Program and Management Plans
- System Safety Assessments and Documentation
- System Safety Working Group
- Hazard Tracking Systems Design and Operation
- Material Release Tracking System Design
- Composite Risk Management and Mitigation Tracking
- System/Software System Safety Training

Reliability and Risk Engineering

- Safety of Flight Analysis
- Failure Investigations and Analysis
- Root Cause Analysis
- Probabilistic Risk Analysis
- Space Systems Reliability and Mission Assurance





Scientific Research Corporation (SRC) Space Capabilities

SRC OASIS PM:
Christopher Sakamoto
Sr. Space Accounts Manager
Email: cksakamoto@scires.com
Phone: (808) 838-9679
6660 Delmonico Dr. St. D #306
Colorado Springs, CO 80919

Cage Codes: Aberdeen 762Q4, Arlington 4ZTG9,
Atlanta 0D5A6, Charleston 0Y6T9, Huntsville OY6U0,
Warner Robins 48R85

DUNS: 197138274



Atlanta's Top 100
Private Companies
#31 in 2012



Top 50 Systems
Integrators
#43 in 2013



#95 in 2019



Who We Are

Founded in 1988, SRC provides innovative technology solutions to the U.S. Space Force (USSF), formerly Air Force Space Command. Staffed by 1,450+ IT and Space Professionals, SRC forged the path for implementation of the Development, Security and Operations (DevSecOps) methodology within the USSF's software laboratories including Space Commercially Augmented Mission Platform (CAMP) in Colorado Springs, CO and Surf CAMP in Santa Monica, CA. Leader in Cybersecurity, versed in RMF processes: continuous-ATO, continuous monitoring, continuous integration/continuous deployment

Success Stories

- Designed and sustains USSF's Kobayashi Maru (KM) Software Factory first-ever DevSecOps production environment on-premises and within AWS GovCloud
- Exclusively hosts USSF's DevSecOps applications, successfully deployed applications on SIPRNet and JWICS in support of CSpOC and NSDC ops centers
- Integrated Space, Missile Warning and National (e.g. NRO) legacy and DevSecOps systems including repositories (e.g. UDL) and data feeds (i.e. WarpCore)
- Accelerated USSF's Software Development deployments from **months** to **weeks**
- Streamlined USSF Authority to Operate (ATO) processes, authored and processed 20+ ATO packages; transitioned legacy ATO's from DIACAP to RMF
- Created and managed 1,500+ coalition users accounts in support of operations centers (e.g. AusSpOC, CanSpOC, and UKSpOC); forged Help Desk
- Supported C2 and C4ISR systems: Distributed Common Ground System-N, Global Command and Control System J & M variants, Theater Battle Mgmt Core Systems

Space & IT Capabilities

- Command & Control
- Cybersecurity / DIACAP to RMF
- DevSecOps / Containerization
- Military Satellite Communications
- Signals Intelligence (SIGINT)
- Software Development
- Space Domain Awareness

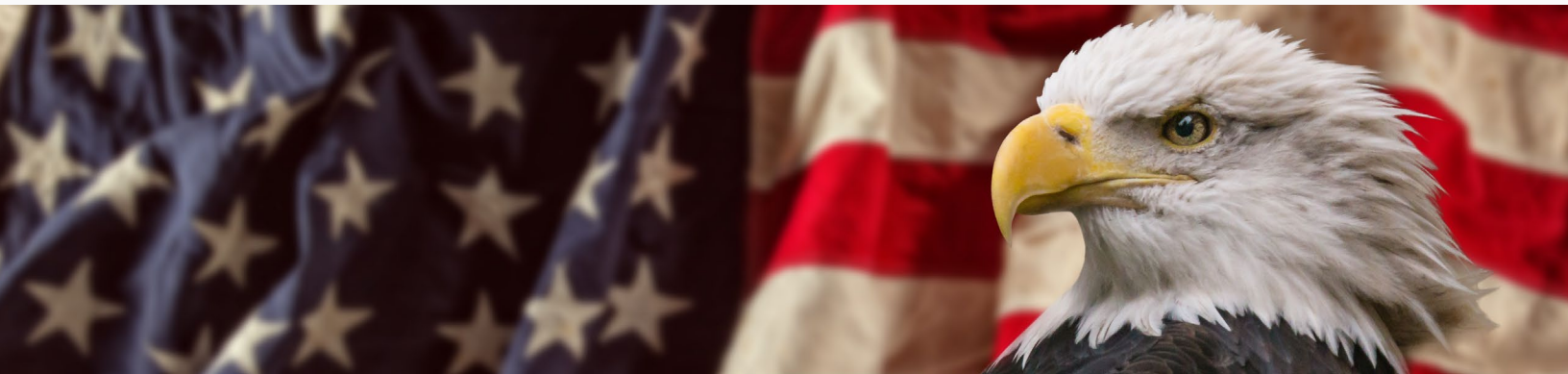
Contract Information

- Pool 1 Unrestricted GS00Q14OADU131
- Pool 3 Unrestricted GS00Q14OADU330
- Pool 4 Unrestricted GS00Q14OADU429
- Pool 5a Unrestricted GS00Q14OADU517
- Pool 5b Unrestricted GS00Q14OADU617
- Pool 6 Unrestricted GS00Q14OADU729
- Pool 6 Small Business GS00Q14OADS728

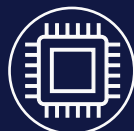
NAICS Codes

541330, 541360, 541370, 541380, 541611, 541612, 541613, 541614, 541618, 541620, 541690, 541713, 541714, 541715, 541810, 541820, 541830, 541840, 541850, 541860, 541870, 541890, 541910, 541990





Space Capabilities



Infrastructure
Development



Sustainment,
Engineering
& Integration



Cyber Security



Mission
& Program
Support



Training
& Readiness

Sev1Tech is an award-winning provider of cybersecurity, engineering, training, and mission support services. For over 20 years, we have provided the Department of Defense and the commercial sector with space, cyber, and mission operations support missions by providing hands-on field support, data collection, and full spectrum training capabilities. Sev1Tech is equally adept at integrating systems into new platforms as we are experts at network and system interoperability. We fuse proven management best practices with in-depth domain expertise in close partnership with our clients.

Space Support

- Conducted program support, technical expertise, and communications planning integration across **Peterson-Schriever Garrison and Space Delta 2**
- Provided **USSF** the first ever space weapon system persistent capability and first-ever **Tier 2 Cyber Security Defensive Cyber Operations (DCO) Service Provider (CSSP)**
- Developed first-ever Infrastructure Readiness Topology for **USSF** mission critical facilities; integrated into the **Defense Readiness Reporting System (DRRS)** providing both capability and resource data to leadership to ensure USSF operational-level readiness
- Expanded **Space-Based Infrared System (SBIRS)** cyber detection capability by ~80%
- Developed, validated and conducted **Space Control Mission Qualification Training for 721st Operations Support Squadron**
- Developed, implemented, managed, and maintained the **USSF Risk Management Framework (RMF) Cybersecurity Program** supporting **Space Mission Authorizing Official**
- Designed, engineered, and implemented NextGen network and infrastructure in support of **commercial satellite imagery**; designed and managed WAN/MAN/LAN, 4 Enterprise Data Centers, 2 TICs, 27,000 IC assets world-wide
- Coordinated and synchronized the development and refinement of the **Space Warfighting Construct (SWC)** for the **USSF Force Design Integration Office**





Mission-Focused Space Domain Capabilities

Smartronix Mission-Focused Engineering solutions include a diverse offering of advanced capabilities and specialized skill sets, including capabilities for the space domain. We specialize in development, production, and deployment of command and control (C2) systems, aeronautical electronic subsystems, and integrated communications and sensor systems. We leverage core expertise in cyber security, cloud computing, data analytics, and global Intelligence, Surveillance, and Reconnaissance (ISR) to deliver innovative expertise that supports some of the most advanced and secure air, land, sea, and space defense programs.

Space Domain Solutions Supporting Global ISR Missions

Smartronix has extensive global ISR experience to meet mission demands, supporting some of the world's most critical COCOM programs. We operate and maintain fixed, mobile, and temporary Ground Control Stations (GCSs) in response to COCOM-specific requirements. As a Lead Industry Integrator (LII), we provide proven cloud-scale data, AI/ML, and data analytics with rapid acquisition and integration strategies to bring the right team of partners and technologies together to solve problems quickly and securely in an ever-changing threat and technology landscape.

Rapid, Ready, Mission-Focused Space Domain Capabilities

GCS Services – Maintain/repair MQ-9/MQ-9ER Space-Related GCS containing LOS/BLOS. Support forward co-located Mission Launch and Recovery Element with LOS/BLOS, Dual Control Mobile GCS, Mission Control Element, AEA C2 station. Simultaneously support systems at Forward Operating Bases, Forward Operating Locations, Cooperative Security Locations, and other improved/unimproved sites. Support temporary relocation of platforms, support equipment, and Operations & Maintenance (O&M) teams.

Equipment & Logistics Support – Ground support and ancillary equipment, spares, and personnel to operate, maintain, and provide logistics/sustainment for GCS. SATCOM: UHF, EHF, GPS, GBS, X-Band SHF, INMARSAT, Iridium, Ku, C, Ka, LEO, VSAT, ViaSat KuSS R/T, Windjammer/L Band (MES), LanShark/Windjammer SAT/GPS, Panther II VSAT, broadband systems/antennas. KU system integration.

Intelligence Support – Manage Intel Fusion Cells to collect, transmit, process, analyze, exploit, and disseminate multi-source ISR products and collected data. Leverage agile, innovative, efficient space-based (manned/unmanned), airborne, ground, and maritime platform solutions. Design/explore innovative AI/ML data techniques to transform raw data into usable information. Automate reporting evaluation production, activity modeling, and risk assessments to enhance information sharing/decision making. Perform sensor-specific ISR analysis, exploitation, and product dissemination.

ISR Payload Support – FMV, fused FMV/SIGINT via LOS, EO/IR, SAR, MTI, Identification Friend or Foe, integrated Special Intelligence (SI) capabilities, EA to deny push to talk, Global System for Mobile, and WiFi/WiMax. Update sensors, platforms, other tools/equipment as technologies evolve. Obtain, provision, deploy, operate, maintain, and configure ISR platform solutions for mission requirements.

RDT&E – Lab environment with equivalent mission systems to assess vulnerabilities and software effectiveness. Plan, conduct, and report system/platform modifications test and evaluation. Enhance C5ISR sensor, radar, SIGINT, position, navigation, and timing systems. Test and coordinate certification for operations. Design manned/unmanned ISR platforms to integrate with various systems for space-based, airborne, ground, and maritime operations. Deliver rapid, cost-effective, non-traditional, and realistic approach to solutions.

GSA OASIS Prime Contract

Features	Benefits (Available Today!)
Current Smartronix OASIS Contracts	Access to several active, pre-competed, OASIS Task Orders; available now with a broad scope and ceiling (>\$2B), that can accept all types of funding from multiple sources and Government organizations
Existing Subcontractor Infrastructure	Rapid assembly of capabilities to address Space Force challenges and requirements (GCS Operations, Logistics, Big Data, Analytics, ISR, IT, Cloud, Security)
Size and Scale of Smartronix Team	Global support across multiple COCOMs and all Military Services
Position with Major Cloud Service Providers (CSP)	AWS Premier Partner; Microsoft Gold Partner/Azure Expert MSP; Google Cloud Premier Partner – right solution for the challenge. scalable, surge requirements

Mission-Focused Engineering

Rapid response and advanced engineering solutions for the most critical air, land, sea, and space-defense programs.



Global C5ISR & Data Analytics

Real-time data collection, processing, analysis, and visualization for senior decision makers in support of critical operations and missions



Cyber Security

Battling threats with advanced hunt capabilities and Agile methods while protecting the confidentiality, integrity, and availability of information



Cloud Solutions

Certified, award-winning cloud team helps organizations realize the business value of cloud and provides an enterprise strategy to transform quickly and securely



OASIS Contract Numbers:

- Pool 1: Contract # 47QRAD20DU113
- Pool 3: Contract # GS00Q14OADU313
- Pool 4: Contract # 47QRAD20DU404

Smartronix OASIS Program Manager

Paul Bouton
850-461-2250
oasis@smartronix.com

Smartronix OASIS Contract Administrator

Tammy Wood
301-373-6000



Mission-Focused Space Domain Capabilities

Smartronix Mission-Focused Engineering solutions include a diverse offering of advanced capabilities and specialized skill sets, including capabilities for the space domain. We specialize in development, production, and deployment of command and control (C2) systems, aeronautical electronic subsystems, and integrated communications and sensor systems. We leverage core expertise in cyber security, cloud computing, data analytics, and global Intelligence, Surveillance, and Reconnaissance (ISR) to deliver innovative expertise that supports some of the most advanced and secure air, land, sea, and space defense programs.

Space Domain Solutions Supporting Global ISR Missions

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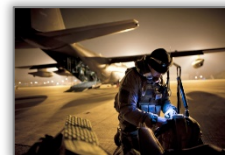
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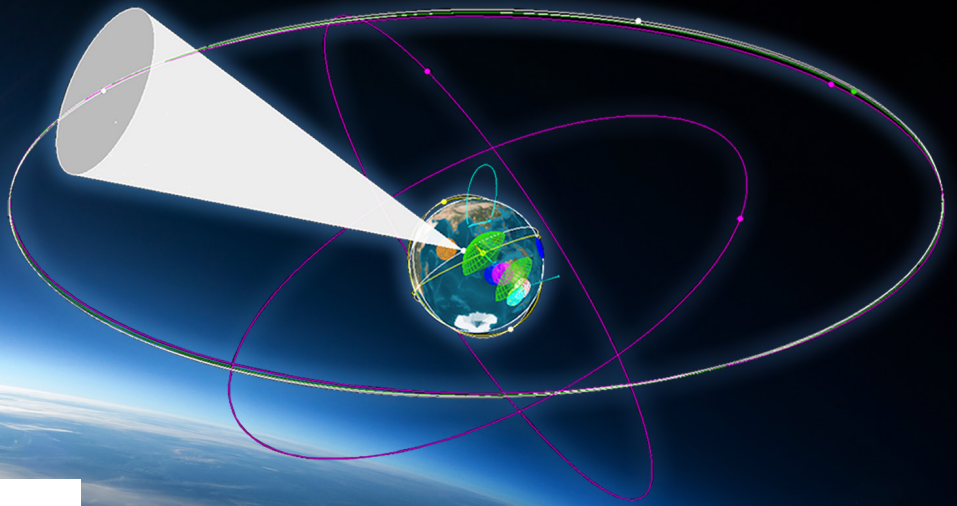
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SYSTEMS PLANNING AND ANALYSIS, INC.



Space Domain Technical and Analytical Services

OASISSM

One Acquisition Solution for Integrated Services

Why SPA?

Systems Planning and Analysis, Inc. provides deep domain expertise, problem-solving capabilities, and a results-driven approach to the lifecycle of client programs, reaching a wide spectrum of market areas.

With more than 48 years of experience, SPA successfully manages large, integrated professional service projects in engineering, analytics, modeling and simulation, and financial and scientific services for U.S. federal clients worldwide.

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Email: OASISContracts@spa.com

Contract Administrator

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Email: OASISContracts@spa.com

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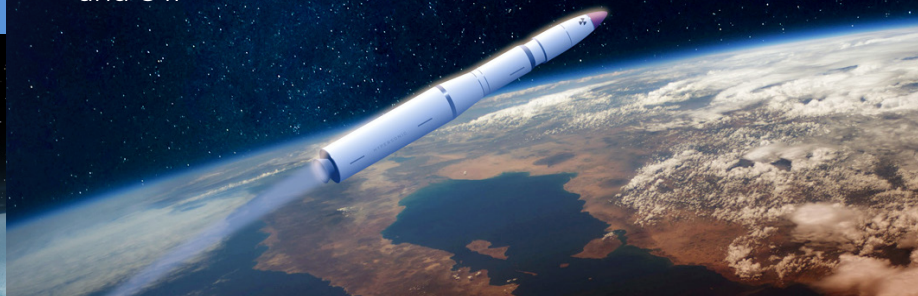
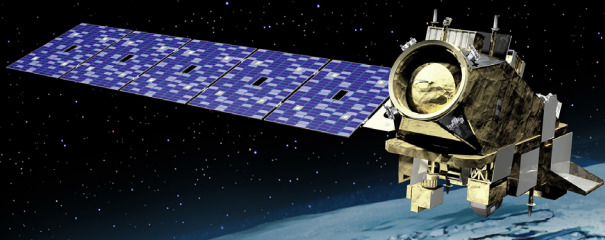
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Awards and Mods

Pool 1 Unrestricted: 47QRAD20DU147

- Space-related program management, engineering services, and analytic support to
 - o US Space Force (USSF)
 - o US Air Force (USAF)
 - o US Space Command (USSPACECOM)
 - o US Strategic Command (USSTRATCOM)
 - o NASA
- Full spectrum Safety and Mission Assurance activities: Quality, Safety, Reliability Analyses, and Assessments
- Quality and safety engineering support to spacecraft and instruments at NASA, including the Joint Polar Satellite System and the Geostationary Operational Environmental Satellite-R Series (GOES-R)
- Approaches and concepts to meet emerging, high-priority defense needs using cutting-edge technologies
- Expert analysis of Space Domain Awareness functional requirements, current and emerging sensor options, and enterprise-level architecture for international partners
- Expert assessment of Strategic Deterrence Joint Mission Threads and their dependencies on space systems and resilient NC3 architecture elements
- Deep knowledge of operational risk across NC3 components, dependencies, and vulnerabilities of Electromagnetic Spectrum links supporting theater warfighting scenarios
- Model-Based System Engineering services and products
- Design-build program management support for C2 facilities encompassing human capital management, finance, civil engineering, executive support, security, and C4I



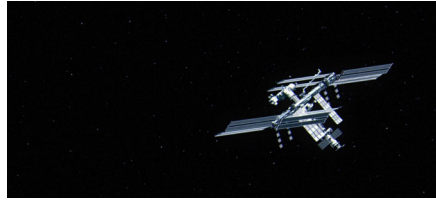
Project Showcase



Uptime Institute Tier Assessment

Cheyenne Mountain Air Force Station, CO

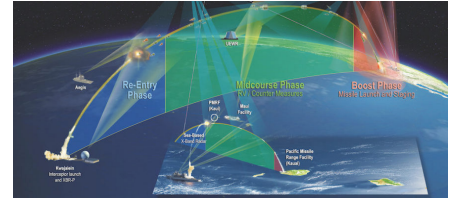
Completed the first ever Uptime Institute Tier Assessment of USAF critical infrastructure at CMAFS against the topology standards. Identified projects to meet all four Tiers under the Uptime standards and completed AF project programming packages (to include DD1391s). Completed a critical infrastructure availability analysis for the power generation, power distribution, and HVAC in the underground complex to ensure compliance with Chairman, Joint Chiefs of Staff Instructions applicable to the classified missions housed there. Identified failure modes and problem areas for correction through system improvements or enhanced in-house repair capabilities. Provided input for design standards and consulting for unique survivability systems to include High-Altitude Electromagnetic Pulse shielding and blast valves.



SatNav & Commercial Space Programs

Federal Aviation Administration, DC

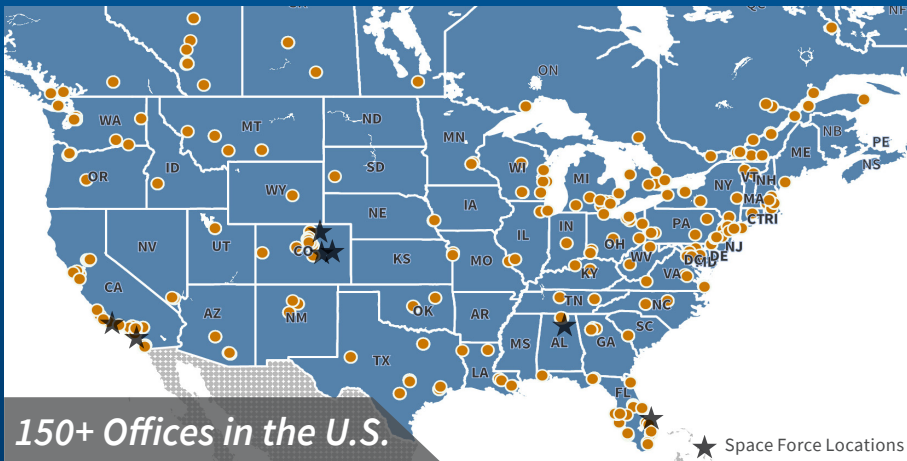
Providing extensive support for civil-military cooperation on GPS space-based navigation for aviation applications, including development of civil GPS requirements. Support to the FAA Navigation Programs Wide Area Augmentation System (WAAS) Program includes acquisition support for geostationary satellite payloads, development of technical requirements, system safety engineering, and liaison with USAF and commercial industry related to satellite launches/operations. Additionally, providing the Commercial Space Office (AST) with system safety and flight safety support associated with commercial space transportation licensing and permitting operations of a variety of expendable and reusable launch vehicles.



Satellite & Missile Launch Support

Naval Air Warfare Center Weapons Division, CA

Provided pre-launch and operational launch support for one U.S. Air Force (USAF) Satellite Launch mission and up to 10 Trident II test launches in coordination with the 30th Space Wing Vandenberg Air Force Base (AFB), California. Tetra Tech personnel reviewed and authored resource requirements documentation including Program Support Plans, Operation Directives and Communication Plans. Tetra Tech also provided test operations support, briefed and supported test readiness reviews, documented test configurations, and prepared test reports. We also coordinated test assets and test range resources such as radar, telemetry, communications, and optics equipment.



Tetra Tech has 28 offices within an hour from the existing Space Force Bases and wherever the U.S. Space Force needs us.

Tetra Tech's global presence allows our teams to deliver state-of-the-art localized solutions from more than 450 offices worldwide and 150 in the United States.



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john.martin@tetrattech.com

Learn more at tetrattech.com/defense

