OASIS
One Acquisition Solution for Integrated Services

TETRA TECH

Space Systems Capabilities

Tetra Tech is a leading provider of cybersecurity, IT, environmental, and infrastructure consulting services for U.S. defense projects worldwide. For more than 30 years, we have worked with the joint forces and combatant commands to solve complex problems with efficiency and affordability. Our teams are *Leading with Science* ® to deliver clear, specialized, and sustainable solutions that enhance the space community.

Services

Complex Space-Ground System Integration
- Satellite Payload Acquisition
- Civil-Military Cooperation

GPS Interference Mitigation
- GPS Resilience
- Alternate PNT

Commercial Space Systems & Flight Safety
- System Safety Analysis
- Space Flight Safety Analysis

Cyber & Information Technology Services
- Advanced Data Analytics
- Artificial Intelligence/Machine Learning
- Cyber Security and Risk Management
- Modern Application Development and Systems Modernization

Range Services
- Systems engineering
- Range infrastructure planning
- Test operations
- Logistic support

Physical Plant Support
- Uptime Institute Tier Assessments
- Industrial control network design and cybersecurity assessments
- Facility condition, inventory, and performance assessments
- Long range maintenance, rehabilitation, and replacement planning
- Energy assessments, audits, and conservation evaluations
- Preventative maintenance scheduling
- Master planning
- CAD and GIS support

A-E & Environmental Services
- A-E planning, design, and engineering services during construction
- Energy, utilities, and water engineering
- High performance buildings and SCIF design
- Environmental studies and remediation

Clients

OASIS Contract Numbers:

GS00Q14OADU138 – POOL 1
GS00Q14OADU337 – POOL 3
GS00Q14OADU436 – POOL 4

Learn more at tetratech.com/defense
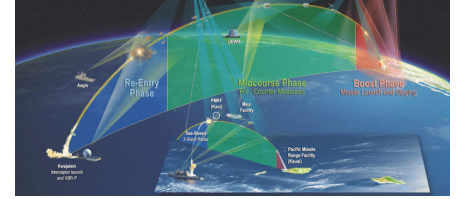
Project Showcase

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.
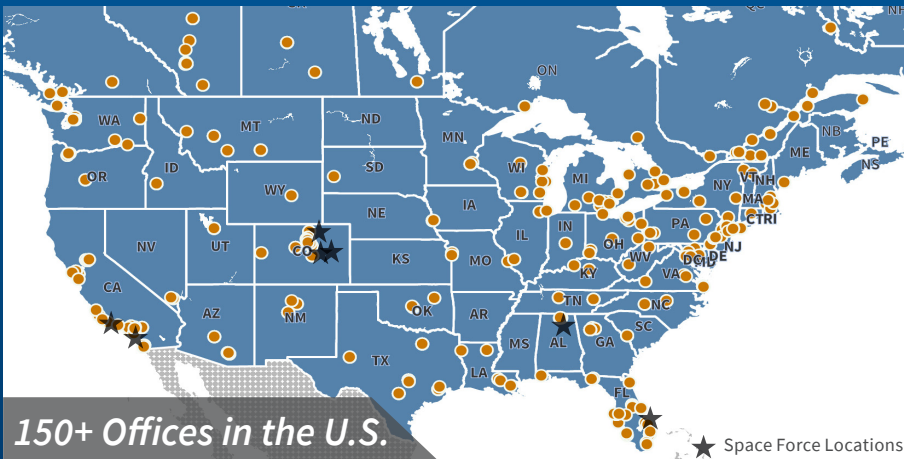

SatNav & Commercial Space Programs

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.

150+ Offices in the U.S.

★ Space Force Locations

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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