

# Axient Program Highlight: Accelerating Possible for Space Systems Command

## Space Sensing

Axient is the prime contractor delivering systems engineering and technical acquisition expertise to the USSF/SSC's PEO for Space Sensing; this includes delivering expertise to major defense programs such as Space Based Infrared System (SBIRS), Overhead Persistent Infrared (OPIR) Next Gen, Evolved Strategic SATCOM (ESS), Weather Systems Follow-on Microwave (WSF-M), and others.

- Acquisition Planning & Development / Cybersecurity
- Systems Engineering / Test & Evaluation
- Concept & Technology Development
- Payload, Spacecraft, & Launch Vehicle Integration
- Ground System Development & Satellite Operations
- Configuration, Interface and Data Management

## Assured Access to Space

Axient is the prime Systems Engineering & Integration contractor responsible for New Entrant Certification of the ULA Vulcan and Blue Origin New Glenn launch vehicles.

- Systems / Project / Quality & Manufacturing Engineering
- Risk & Process Management / Validation and Verification
- Launch Site Operations
- System, Range, and Orbital Safety

## Military Communication, Position Navigation, & Timing (PNT)

Axient also delivers expertise to the SSC's PEO for Comm & PNT providing systems engineering & cybersecurity services

- Acquisition Systems Program Security
- Architecture, Requirements Management, & Verification Planning
- OPSEC, INFOSEC, COMSEC, PERSEC, and Industrial Security
- Hazard Analysis, Reliability & Maintainability Engineering
- Program Protection Planning & Risk Management Framework
- Failure Modes & Effects Analysis (FMEA)
- Mission Systems Assessment and Authorization (A&A)

## Space Systems Integration Office

Axient is the prime contractor delivering systems engineering and technical acquisition assistance to enable SSC to integrate system of system integration across the field command.

## CUSTOMER

United States Space Force (USSF),  
Space Systems Command (SSC)

## ENTERPRISE CAPABILITIES

- Digital Engineering
- DOORS Administration
- Requirements Baseline Management
- Tools and Interface Support
- Data Management
- Integrated Logistics Support

### Concept Development & Testing

- Operations Concept (OPSCON) Development
- Modeling and Simulation Performance Analysis
- Campaign-level Modeling
- Software Testing
- Lead Development Test Organization (LDTO) Support

### Mission Assurance

- Multi-discipline Specialty Engineering
- System Safety
- Data Management
- Environmental
- System Security & Information Assurance
- Risk Management

## About Axient

With over 2,200 employees, Axient is headquartered in Huntsville, Alabama and has provided premier services and solutions to the Federal Government for more than three decades. Axient's customers include the U.S. Space Force, U.S. Air Force, U.S. Army, U.S. Navy, Missile Defense Agency, and NASA. Axient is certified in the following: ISO 9001:2015, AS9100 Rev D, CMMIDEV Maturity Level 3, and has a DCMA Purchasing System, DCMA Property System, and DCAA Accounting System.