

Axient Program Highlight: Accelerating Possible for Space Systems Command

Development Corps Expertise

Axient delivers non-recurring engineering and technical acquisition expertise to the USSF/SSC's Development Corps supporting major defense programs including Overhead Persistent Infrared (OPIR), Evolved Strategic SATCOM (ESS), Weather Systems Follow-on Microwave (WSF-M), and others.

- Development of the enterprise Overhead Persistent Infrared (OPIR) mission threads
- Requirements development and analysis
- Interface management, configuration management, and overall technical baseline management
- Acquisition lifecycle support for sensor subsystems
- Future OPIR program ground systems development, including data format refinement, concept of operations, ground data management technology adaptation, storage/archive methodology, host-ground operation center integration, and command & data handling telemetry customization

Production Corps Expertise

Axient also delivers expertise to the SSC's Production Corps programs of record including Global Positioning System (GPS) and Space Based Infrared System (SBIRS).

- Integration support
- Production engineering and manufacturing quality assurance for SBIRS GEO-5 & 6 final testing and launch
- Communication infrastructure engineering support
- Technical management and lifecycle planning
- Security administration for all OPSEC, INFOSEC, COMSEC, PERSEC, and Industrial Security related needs
- Program protection planning support
- Risk management framework (RMF) Assessment and Authorization (A&A) support
- System security engineering support

CUSTOMER

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

ENTERPRISE CAPABILITIES

Requirements Management

- 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.