

Axient Program Highlight: Delivering Expertise to the Missile Warning Mission

Development Expertise

Axient delivers expertise to the USSF/SSC Missile Warning mission, critical to our nation's warfighting capability. Our Space Based Infrared System (SBIRS) Engineering Support covers the following:

- Development of 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
- Production engineering and quality assurance for SBIRS GEO-5 & 6 final testing and launch
- 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

Sustainment Expertise

Axient also delivers expertise to the SSC's Remote Sensing Systems. Our SBIRS Core Sustainment and Logistics Expertise includes:

- Integration support
- SBIRS communication infrastructure engineering support
- Systems modification expertise
- Sustainment analysis/studies (supply chain)
- Technical management planning
- Maintenance data collection/analysis
- Emergency urgent depot level maintenance, includes short-notice deployment to mobile locations

About Axient

Axient is headquartered in Huntsville, Alabama and has provided premier services and solutions to the Federal Government for more than three decades. Axient is certified in the following: ISO 9001:2015, AS9100 Rev D, CMMI-DEV Maturity Level 3, and has a DCMA Purchasing System, DCMA Property System, and DCAA Accounting System.

CUSTOMER

**United States Space Force (USSF)
Space and Space Systems
Command (SMC)**

AXIENT SBIRS CAPABILITIES

Sustainment Engineering

- Reliability, Maintainability, Availability Analyses (RMAA)
- 24/7/365 Emergency Depot Level Support
- Obsolescence Supply Chain Management

SBIRS Information Assurance and Cyber

- System Security and Information Assurance
- Tracking Cyber Threats / Capabilities related to Sustainment Enterprise
- Facilities Support – Mods, Database, Upgrades

Remote Sensing

- System Integration
- System Design
- Integrated Logistics Support
- Joint Reliability and Maintainability Team
- Engineering Support
- Modeling and Simulation
- Acquisition Planning
- SBIRS and SFP Training System Test and Evaluation

Software Facilities O&M

- Architecture Support, Master Software Library, SW Maintenance system, CM and DM
- Security