

# Axient Capability Highlight: Logistics Engineering & Supply Chain Analytics

## Executive Summary

For decades, Axient has delivered logistics engineering and supply chain analytics expertise to DoD and Civilian customers. Axient ensures customer supply chain and logistics requirements are never interrupted. Our trusted and proven expertise and solutions decrease costs, improve operations, and enable our warfighters and civilian counterparts. Axient has partnered with the Army aviation community to rapidly develop and deploy solutions and tools with and for our customers to help them achieve and exceed mission requirements. Our culture and responsiveness in innovation with and for our customers paired with our agility delivers value to our customers, and we are a sought-after employer in all of our markets. We take care of our people, who in turn, take care of our customers.

## Axient Developed Tool

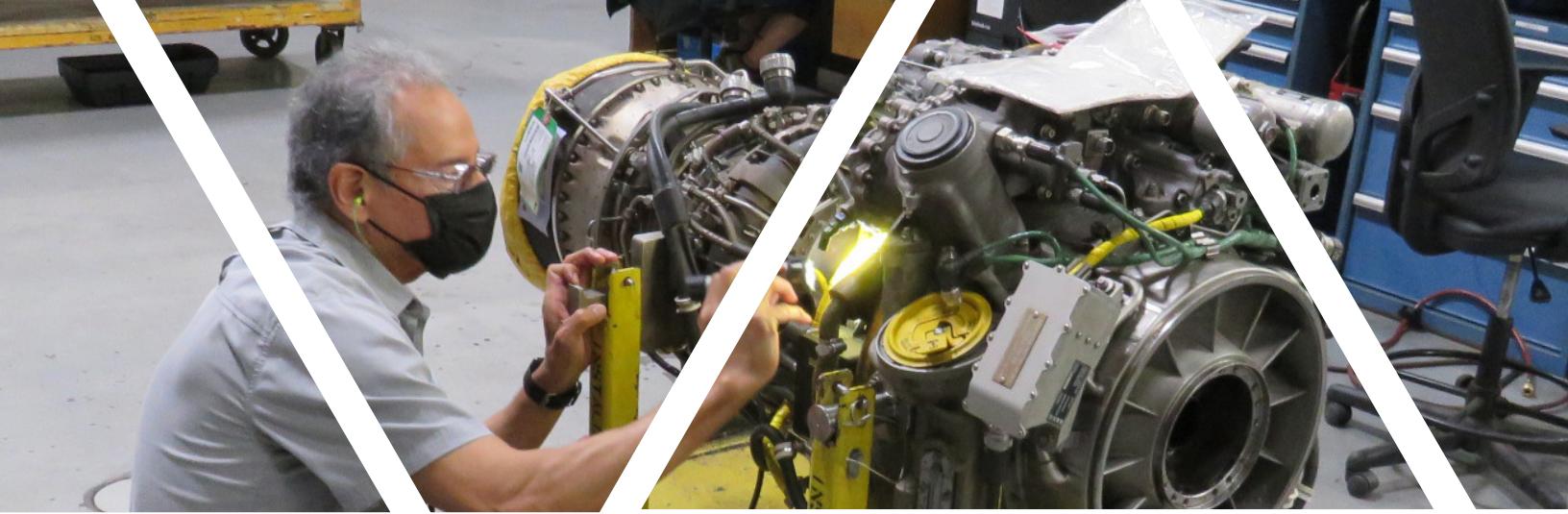
Axient's software engineers created the RIMFIRE® Suite to provide full failure reporting and corrective action tracking services to our aviation customers. RIMFIRE® identifies and tracks equipment failures and subsequently verifies effectiveness of corrective actions, saving time, money, and lives. RIMFIRE is a thorough Failure Reporting System that provides actionable data for aviation systems, including failure modes and condition statuses. The RIMFIRE process is a closed-loop system for identifying and tracking root failure causes, and subsequently determining which failures or conditions should be identified as candidates for corrective action. Included in the process is a quality control program that provides feedback on the process to minimize errors. This flexible software suite was originally designed and implemented to meet an Army Aviation customer's need to enhance their inspection services but has been enhanced and improved to adapt to a range of system and customer requirements.

## CAPABILITIES

Our logistics and sustainment solutions provide increased reliability, reduced maintenance and ensure unparalleled support to the warfighter. Our processes are focused and adapt to meet our customer's demands.

### Our Logistics Capabilities:

- Sustainment, maintenance, and reliability engineering
- Fleet logistics and supply chain management
- Encrypted data transport and data analysis
- Reliability, maintainability, availability analyses (RMAA)
- Obsolescence and process improvement
- Automation and modeling
- Artificial intelligence (AI) and machine learning (ML)
- Fielding and sustaining aircraft survivability equipment technologies
- Cost estimating/analysis and scheduling
- Asset management/protection
- Equipment inspection services
- Failure investigations and analysis
- Root cause and probabilistic risk analysis
- Warehousing and depot management
- Acquisition of test/support equipment
- Logistics IT systems and inventory management



## Customer Highlight

Axient delivers technical expertise and mission-focused services to Army aviation customers in the areas of sustainment engineering, systems engineering, data analysis, gap analysis, and risk mitigation.

Axient delivers expertise in: reliability centered maintenance (RCM), prognostic/predictive maintenance, sustainment analysis program/project management, policy, automation systems, Army Working Capital Fund investment, corrosion control, care of supplies in storage, corrosion coatings, nondestructive testing, reliability, availability and maintainability, item unique identification, and the Army Maintenance Management System – Aviation and Maintenance Consolidated Database System.

## Specialized Range Expertise

Axient delivers expertise in complex range logistics management to ensure efficient range activities. We are embedded and experienced at ranges across the U.S. for Army, Air Force, NASA, Navy, and MDA customers delivering test planning, execution, operations, range safety, multi-sensor data fusion, data processing, and other innovative solutions.

- Range mission planning, execution, and analysis
- Trajectory and launch planning tools and analysis for all classes of launch systems
- Integration and test expertise
- Technology upgrades and modernization planning and implementation to enhance range capabilities
- Mission assurance and range safety
- Situational awareness displays using agile and model-based software development
- Multi-sensor data collection, fusion, and analysis

## About Axient

Axient is headquartered in Huntsville, Alabama and has provided premier services and solutions to the Federal Government for more than three decades. Customers choose Axient because they know they can trust our people and count on our performance. With over 2200 employees and locations in Alabama, Tennessee, Florida, California, New Mexico, Colorado, and the National Capital Region, we provide local expertise and program management to our customers which means faster response times and an easier partner to reach. 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. Our history of success is attributable to our core philosophy of putting mission and customers first, empowering our program leaders, and eliminating barriers to success for our customers by providing value-added, mission-oriented services and solutions.