

NORTHROP GRUMMAN*Electronic Systems*

Product Support and Technical Services

Comprehensive Engineering and Technical Support for EW System Development, Test, and Training

Our mission:

To provide customers with on-site engineering and technical services, including operation and maintenance of laboratories, ranges, and other test/training facilities, as well as post-delivery support of all Northrop Grumman Amherst Systems products.



As a premier manufacturer of EW and IR/EO simulation hardware and software, Northrop Grumman Amherst Systems provides a complete post-delivery support solution. We've built a comprehensive product support infrastructure, offering turnkey development, integration, management, operation, and maintenance services for EW labs, ranges, and training facilities.

The Product Support Group delivers spares, performs on-site support engineering, and takes care of any post-delivery repairs. On a broader scale, we also provide such services as mission analysis, threat library and mission scenario file development, calibration and configuration, software maintenance, documentation of test requirements, test planning and execution, maintenance and upgrade of test support assets, and post-test documentation and analysis.

Amherst Systems' Product Support Group offers technological depth in a broad array of core competencies:

- Test Support and Analysis
- Mission Analysis Support
- Threat Database Updates
- Software Upgrades and Enhancements
- Test Equipment Maintenance
- Operation/Maintenance of Specialized Test and Training Simulators
- Post-Delivery Configuration Management
- Operation and Maintenance Training
- Calibration Services
- Telephone Support Services
- Warranty Support Services
- Spares Requirements Analysis and Delivery

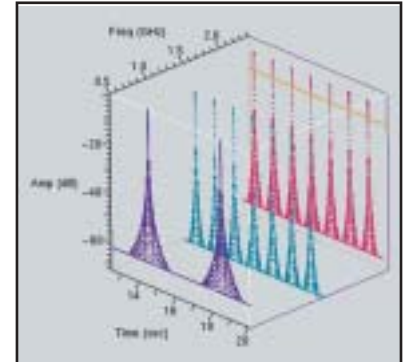
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Up-Front Requirements Analysis and Threat Library Development

Product Support offers a wide range of mission analysis services that optimize configurations to reduce your operating costs. Using a comprehensive set of existing threat analysis tools and an in-house library of over 1,000 radar system modes, we supply customers with the quick-turnaround studies they need, including:

- **System Requirements Analysis** - A report that quantifies the complete EW environment by analyzing top-level operational requirements.
- **Threat Library Development** - A comprehensive set of radar modes (typically 200) that satisfies overall test requirements. Signal characteristics are derived from open literature, customer data, and US source data.
- **Mission Scenario File Development** - Placement of threat radar modes at specific locations in a scenario gaming area. Scenarios can be generated automatically from US intelligence scenario bed-down databases.
- **Pre-Test Parametric Assessment** - A complete analytical test environment summary provided prior to actual test execution.



3-D Environment Analysis

A Complete Turnkey Support Solution for EW Labs, Ranges, and Training Facilities



Maintenance



Operations



Repairs



Training

For more information, please contact:

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