

***Training and  
Technical  
Resources  
Integrated  
Performance  
Support System  
(TRIPSS™)***

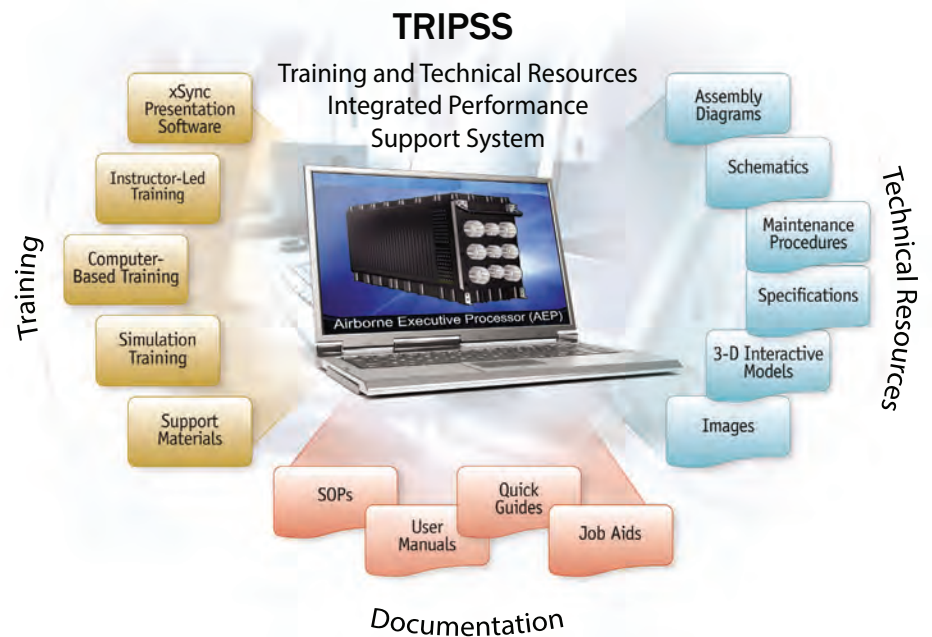
***Logistics and Training Solutions:  
Interactive 3D Ops and Maintenance Support  
One-Source Technical Data Access  
Customized Training Solutions  
24/7 Availability\* at Point and Time of Need***

**THE VALUE OF PERFORMANCE.**

***NORTHROP GRUMMAN***

Imagine a customized training and technical data support solution, lowering costs, while making training and technical data available to all users whenever and wherever\* up-to-date information is needed.

With the Training and Technical Resources Integrated Performance Support System (TRIPSS™), imagination is reality as operators, maintainers, and system administrators are immersed in a total training and technical support system. TRIPSS provides just-in-time learning and 3D interactive technical operations and maintenance support at the point and time of need.



### What is TRIPSS?

TRIPSS is a customized, interactive 3D training and technical data solution. Integrated into a high-end, graphical user interface, TRIPSS provides operators, maintainers, and system administrators with

on-demand, 24/7 access\* to vital processes, procedures and technical support data to get their jobs done safely, quickly, and accurately.

### How TRIPSS Works

TRIPSS is a standards based, database-driven system with options to be networked or used as a stand-alone system. TRIPSS can be accessed on desktops, laptops, and tablets.

## Innovative. Comprehensive. Sustainable.

**TRIPSS (Training)** provides comprehensive, customized training that can be used for online and in-class training, and as an on-the-job reference tool. TRIPSS' use of interactive, multimedia instructional design increases user comprehension and knowledge retention for complex concepts and tasks. TRIPSS training consists of:

- Interactive Sequential Training Timelines
- xSync™ Videos for training, as well as project briefings and executive summaries
- Job Aids
- Computer-Based Training (CBT) courses and assessments
- Course Tracking System (CTS) learning management tool

### Benefits

- Comprehensive learning at point and time of need
- On-demand, 24/7 availability\*
- Structured learning assets
- Flexible update and integration of new content

**TRIPSS (Technical Resources)** provides interactive technical data customizable for multiple programs, platforms, or job roles. TRIPSS' technical resources consist of:

- 3D Assembly Modeling (fully interactive, 3D System-to-LRU drill-downs)
- Job Aids
- Product Drawings
- Quick Reference Guides (QRGs)
- Technical Manuals and Procedures
- Government/Commercial Off-the-Shelf (GOTS/COTS) Documentation
- Program Documents

### Benefits

- Operations and maintenance support at your fingertips
- Comprehensive one-source access to technical procedures and documentation
- An interactive 3D method for understanding system architectures and quickly determining component locations, operations, and maintenance



TRIPSS' high-end graphical interface allows users to access a suite of tailored logistics and training tools including:

- **3D Interactive Modeling** providing a System-to-Component interactive method of locating Lowest Replaceable Units (LRUs) and their associated Removal and Replacement (R&R) procedures (Job Aids)
- **Interactive Job Aids** combining step-by-step procedures with 3D procedural animations and their corresponding engineering drawings and technical manuals/procedures
- **Course Tracking System (CTS)**, a learning management tool that allows managers to assign, track, and report training, and allows students to launch training and track progress
- **Computer-Based Training (CBT)** including training simulations and assessments, and integrated with CTS to report course completion
- **xSync Video Training** providing 24/7 access\* to instructor-led training with synchro-

nized presentation media and training resources

- **Document and Media Library** for any media format providing Technical Manuals, GOTS/COTS documents, engineering drawings, program documents, and multimedia resources
- **Quick Reference Guides (QRGs)** working hand-in-hand with Job Aids and maintenance procedures by functioning as a quick reference guide or checklist for procedural steps, configurations, and/or settings

### Our Training Services

At Northrop Grumman, we endorse the military axiom of "Train the way you fight; fight the way you train."

Our qualified instructors and instructional designers use industry standard Instructional Systems Design (ISD) processes to execute a learner-centric approach that identifies the skills needed to meet individual performance requirements. Subject matter experts with real-world knowledge and operational experience support our logistic and training development, ensuring that information is accurate, relevant and timely.

### Current Digital/Virtual Training

For fundamental understanding and training, consider our digital courseware for:

- Understanding Link 16
- Introduction to Tactical Data Links
- Introduction to the Link 16 Management System (LMS)
- Introduction to Gateway Manager (GM)

**Affordable? Absolutely.**  
**Customizable? Certainly.**  
**Timely? Definitely.**  
**Accessible? Always.\***

## We Wrote the Book on Tactical Data Links (TDLs)

Our “Understanding Link 16” guidebook series is the DoD standard for TDLs and operational procedures. Our experienced instructors provide a thorough grounding in basic and advanced TDLs (including Link 16, Link 11, Link 22, and other TDLs). Our instructors provide expert knowledge, training, and support—both in-person and virtually—in all areas of TDLs and operator training for Northrop Grumman’s TDL tools, including LMS, GM, Tactical Data Link Integration Exerciser (TIGER), and Tactical Edge Advanced network Management (TEAM).

## Tactical Data Link University (TDLU)

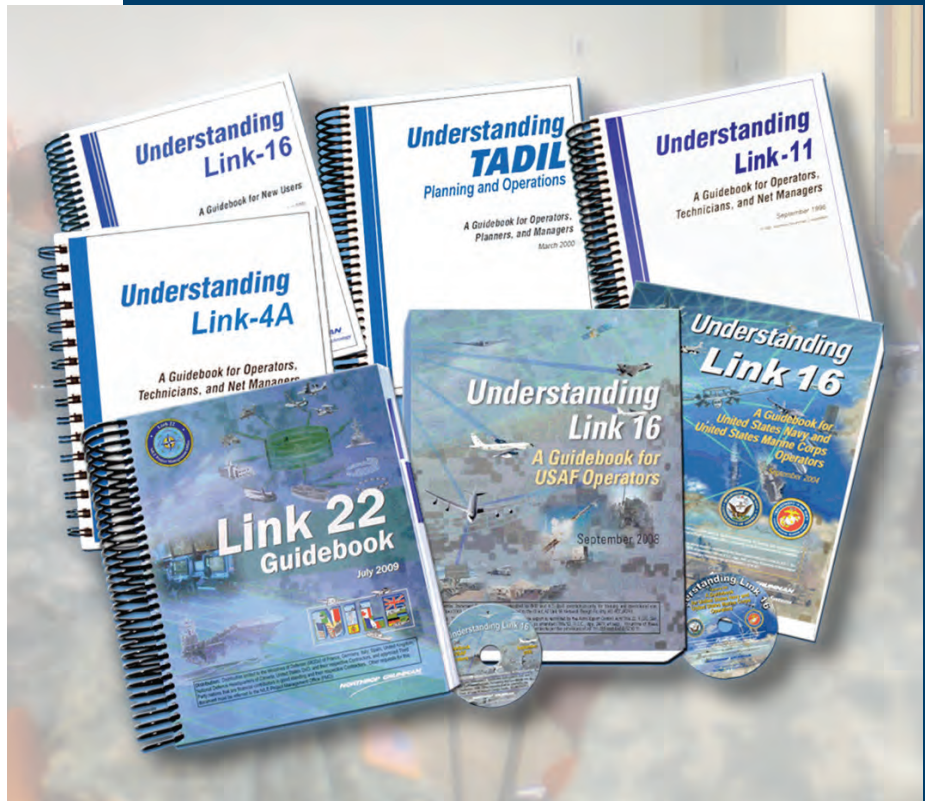
Join us in person or virtually for our new TDLU courses at our San Diego Spectrum Center. Experience timely TDL topics and training to support your ongoing TDL knowledge, including basic and advanced topics. For more information about our ongoing TDL training offered through TDLU, visit <http://www.tacticalnetworks-ngc.com>.

## Northrop Grumman Training Team

From expert instructor-led training to cutting-edge, technology-based blended training, we provide the gamut of services. Whatever your need, our services are tailored to meet your requirements:

- **Instructor-led and On-the-Job Training** – customized for advanced topics and delivered at your site or at our San Diego Spectrum Center.
- **Digital Training** – providing fundamental, on-demand training for TDLs and Northrop Grumman

# We Wrote the Book!



TDL tools. Digital Training sets the stage for more advanced instructor-led training.

- **Customized TRIPSS** – blending logistics and learning tools immersing your personnel in total training and technical in-field support. With TRIPSS, users can always access current, accurate training and product support resources at the point and time of need.

Contact us today to learn how TRIPSS can meet your logistics and training needs.

*\* TRIPSS availability is dependent on the availability of the associated host network. Both customer network and Northrop Grumman web-based hosting options are available. Please talk to our Product Sales/Customer Support team for questions about hosting options.*

## For more information, please contact:

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