

## EAGLE EPS

### Enhanced Automated Graphical Logistics Environment — EAGLE Publishing System



#### EAGLE EPS

**EAGLE Publishing System offers capabilities to generate the data for interactive electronic manuals (IETMs) and has a unique ability to directly use task and provisioning data from the EAGLE Logistic Toolset to populate maintenance tasks and illustrated parts manuals.**

#### Benefits

- Create and manage technical manual data to international standards
- Integrated SGML/XML editor with PDF view and validation
- Reuse EAGLE LSAR data to populate MIL-STD-40051-1 and S1000D maintenance procedure data
- Intuitive and user configurable to maximize productivity
- Single database and client application install simplifies support and system upgrades
- Interactive electronic technical manual (IETM) preview:
  - trilogiReview
  - NSIV
  - IADS
  - PDF
  - Others

For over two decades the Raytheon EAGLE team has been developing world-class software solutions designed to support the production and management of program logistics, documentation and product support data.

**EAGLE Publishing System (EPS)** is a common source database (CSDB) and software application to author and manage data used in the production of interactive electronic technical manuals (IETMs).

EPS was designed by the Raytheon EAGLE team from the ground up to be fast, powerful, intuitive and robust. It incorporates many user requested features to facilitate rapid data production and includes program management functions that facilitate on-time production at minimal cost. Easy to use and intuitive productivity tools and features assist the technical writers to

produce and validate content quickly and accurately.

EPS is a complete and flexible solution. It supports all issues of ASD S1000D (including F-35) and MIL-STD-40051-1 data using the same client and database. Everything is provided in one install: CSDB, content editor, publication module editor and PDF document generator.

Users have the option to use the fully integrated EAGLE editor with real-time what you see is what you get content view and navigation. It has the ability to search the database and assist the author to create references to objects. It continually checks the content for validity and conformance with the business rules, helping technical authors produce data quickly and accurately.

Technical data can be viewed directly from EPS in either IETM or PDF format. Data can be previewed by the author

right from the application, no additional processing is necessary. PDFs of the data can also be generated on demand. EPS can work with other IETM viewer applications as required.

All graphic and multimedia objects are stored and the configuration is managed in the database. Data production is work-flow driven and user account roles assist with the division of labor and access permissions. Many users across wide geographical areas can collaborate in the production and review of technical data.

All of the EAGLE products share a common Oracle database. This enables the reuse of data between the EAGLE applications without having to transfer data between systems. EPS can work as a stand-alone authoring and content management environment. However, EPS also has the ability to interface seamlessly with the EAGLE Logistics Toolset (LSAR).



The integrated EAGLE applications and database provide a unique environment where maintenance task information can be reused to produce technical data for IETM delivery. Maintenance task data populates procedural and maintenance planning data modules in the technical manual. In addition, illustrated part data (IPD) technical manuals can be produced directly from the parts information in the LSAR.

Maintenance planning data modules can be produced directly from the LSAR task and reliability data.

Fault data modules can be produced directly from the LSAR fault isolation data.

## About Raytheon Intelligence, Information and Services

Raytheon Intelligence, Information and Services (IIS) is a leader in intelligence, surveillance and reconnaissance; advanced cyber solutions; weather and environmental solutions; information-based solutions for law enforcement and homeland security; and training, logistics, engineering, product support, and operational support services and solutions for the Mission Support, homeland security space, civil aviation, counter proliferation and counterterrorism markets.

## Capabilities

A leader in providing logistics software solutions, EAGLE Publishing System capabilities include:

- Data module templates
- Powerful standard numbering system editor
- Integrated editor with preview and validation
- Preview in IETM viewer
- Workflow and roles based configuration management
- Support for S1000D, MIL-STD-40051-1 and F-35
- Reuse EAGLE LSAR task data to produce procedural modules
- Global search and replace functions
- Produce IPD data modules from LSAR provisioning data
- Produce scheduled data modules from LSAR reliability data
- Publication module editor and validation
- Ability to produce completion status reports
- Custom defined IDs for internal references
- EAGLE LSAR task narrative edits directly from EPS
- Integrated graphics editor to add call out and hotspots equipment
- Data transfer capabilities
- Publications can contain data pulled from any project
- Custom project status for each data module

## Customers

EAGLE Logistics software products support internal Raytheon, U.S. and foreign customers including:

- AgustaWestland Helicopters
- Aspect Supportability Consultants
- Airbus Helicopters
- ASEC
- BAE Systems
- Bell Helicopter
- Boeing Company
- Booz Allen Hamilton
- CMI Defence
- Denel
- FNSS Defence Systems
- General Dynamics
- L-3 Communications
- Lockheed Martin
- Moog
- NASA
- Northrop Grumman
- Otokar Automotive and Defence
- Raytheon Australia
- Raytheon Canada
- Raytheon Missile Systems
- Raytheon United Kingdom
- Rheinmetall
- Rolls-Royce
- Thales
- Turkish Aerospace Industries
- U.S. Navy

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**Raytheon**

*Customer Success Is Our Mission*