

## EAGLE EPS (civil aerospace)

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



#### EAGLE EPS

**EAGLE Publishing System (EPS) is an ASD S1000D compliant authoring system and Common Source Database (CSDB). Used to generate technical data for interactive electronic manuals (IETMs) and PDF manuals. This enables aerospace OEMs and suppliers deliver technical data as S1000D data modules or complete manuals.**

#### Benefits

- Create and manage technical manual data to the international standard ASD S1000D
- Generate CMPs to ATA Specification 1000BR (civil aerospace tailored S1000D)
- Integrated XML editor with PDF view and validation
- Export and import of S1000D data packages
- Simplified Technical English (STE-100) checker
- Business Rules Exchange (BREX) data module authoring tool
- Validation against S1000D and 1000BR
- S1000D Common Information Repository

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 the ASD specification S1000D (including F-35).

Everything is provided in one install: CSDB, content editor, publication module editor and PDF document generator.

The application includes 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. PDF documents can be generated from the data on demand. EPS can work with other IETM viewer applications as required to give the author a real-life view of the data in an IETM.

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.



The integrated EAGLE applications and database provide a unique environment where maintenance task information can be reused to produce technical data for IETM delivery. Illustrated parts data (IPD) technical manuals can be produced directly from parts information loaded from a Bill of materials (BOM).

### 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 and ATA Spec 1000BR
- Reuse Bill Of Materials (BOM) parts data to produce
- Illustrated Parts Data (IPD) modules
- Global search and replace functions
- Simplified Technical English (STE-100) checker
- Publication module editor and validation
- Ability to produce completion status reports
- Custom defined IDs for internal references
- Integrated graphics editor to add call out and hotspots
- Data transfer capabilities
- Publications can contain data pulled from any project
- Custom project status for each data module
- Multiple language support in the interface

### Contact Details

For additional information, schedule a demonstration or face to face meeting, please contact the Raytheon EAGLE team at:

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