

EAGLE Version 19.0
M1 Build 0008

Updated August 11, 2021

IMPORTANT NOTICE

EAGLE contains a license management system that assures the user they are not in violation of the terms of their license agreement. This license management system is called FLEXnet Publisher.

Please ensure you have obtained an updated license file from the EAGLE Help Desk before upgrading. For more information, please refer to the EAGLE License Management document "EAGLE License Management.pdf", distributed with EAGLE or available on the EAGLE website:

http://www.raytheoneagle.com/support_publications.html

General Information

EAGLE 19.0 has been tested on the production release of Windows Server 2008, and Windows 7, 32-bit and 64-bit, and Windows 10. No known platform-specific issues exist at this time, and we believe that most customer applications will run correctly. If you find any anomalies with EAGLE performance on Windows Server 2008, Windows 7 (32-bit or 64-bit), or Windows 10, please report them to the EAGLE support hot line (see below for contact information).

NOTE 1: EAGLE has been validated with Oracle 12c, 18c and 19c databases.

NOTE 2: EAGLE is a 32-bit application that requires the 32-bit Oracle Runtime client software to be installed.

NOTE 3: It is recommended that the client version of Oracle match the version of Oracle on the database server.

NOTE 4: .NET Framework 4.0 or above is required.

NOTE 5: EAGLE 10.0.0 was the last release that supported the interface between EAGLE and the PTC Products, PTC Arbortext CSDB for S1000D and PTC Arbortext Provisioning Manager and Parts Catalog Manager for S1000D.

NOTE 6: The Alternate LCN Code (ALC) has been changed from a number to a character in the database and will now be padded to two characters (a leading zero will be added to single digit entries). Customers using external tools may need to address the change in their code.

NOTE 7: EAGLE 12.0 was the last release that was tested with Windows XP

NOTE 8: EAGLE 14.0 was the last release to support the Arbortext Editor. Arbortext Editor is no longer supported by the EAGLE/EPS software.

NOTE 9: EPS Arbortext Editor Plug-in will not execute with EAGLE 17.0 and beyond.

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ORACLE

EAGLE recommends Oracle Client 11g or above (32-bit) on 64-bit Windows platforms. Please contact the EAGLE Help Desk for more information.

Version Highlights - EAGLE

- End Item Flag to disable DED 136 check (all Failure Modes for an LCN <=1.0) [4247]
- Change file in 0007 format does not zero pad fixed length numbers [5297]
- Change file produced in 0007 format does not use XML escape characters consistently [5310]
- Expand UOC dropdown on reports parm screens [5321]
- Database error while saving additional facility data [5344]
- Change file import of add records for HD entity fails with database error [5556]
- Fullfile import in 0007 format does not support UTF character set [5566]
- Enhance LSA-NG024 report to handle smart quotes and long dashes [5730]
- Fullfile import in DEF60 format kicks out XA record with db error null value for XA.LCNSTRXA [5802]
- Fullfile import in XML format for ZD table fails with db error if DOCID contains a quote [5811]
- Change XA delete warning to also warn user that EPS and MMIS data may be deleted. [5814]
- Modify UP_EA_DEDS to load SECCCDEA into MY_ROW array [5920]
- Fix abnormal termination in DED_VALIDATOR_FILTER when a column exists in ZHELP6 but not MY_ROW [5921]
- Changefile in 0007 format contains invalid values for dates [5943]
- Change files in 0007 format does not import add records with valid dates [5982]
- Changefile creation runs out of system memory [6038]
- Change file in 0007 format should compare decimals based on decimal precision specified by spec [6039]
- UI for changefile creation should not allow LCN ranging [6040]
- Change file production aborts with exception based on the directory contents [6111]
- Fullfile generation in 0007 format skips data for HBA.JUSTFHBA [6147]
- Changefile in 0007 (RevB) format is not outputting Decimal string truncated to 10 digits [6255]
- Fullfile in 0007 format duplicates the % sign if present in CLOB columns [6257]
- LSA-019 - less cryptic messages for task/subtask counts [6268]
- LSA-027 various modifications to correct output [6347]
- End item substitution does not work for change post to HD entity in 0007 format [6349]
- LSA-056 repeats LOG CON CD value for each line of narrative [6412]
- Citrix fix: do not look for app path/registry mismatch if on Citrix [6532]
- LSA-016 - stops working generating part 1 with large numbers of part, tool refs [6576]
- Changefile import in 0007 format pads extra space to each line of narrative [6593]
- Reference Info is not shown initially for a referencing task [6685]
- LSAR Data Exchange file Import/Export programs should handle fully qualified databasename [6736]
- Always trim the LCN structure [6767]

Version Highlights – EAGLE Publishing System

S1000D Changes

- Fixed issues with DEF-STAN 00-60 ICN format usage in EPS [ID 5438]
- Fixed DM import utility to handle individual ‘&’ characters in XML content [ID 5439]

- Handle more smoothly the situation where a DM\WP does not have any XML content [ID 5615]
- When Importing a DM/PM add the necessary namespace declarations if they do not exist [ID 5643]
- Integrate EPS Title Page editor XML into stylesheets [ID 6070]
- Handled compilation error with complex stylesheets when running full pub from pub engine [ID 6359]
- Added additional publishing setting options to the XML Editor Previewer [ID 6380]
- Handled issue with changing the status of a PM to Publish in V18 and V19 [ID 6382]
- Modify the SGML Parser and XML Editor to support S1000D 2.0\2.1\2.2 in SGML format [ID 6513]
- Resolved a parser error reported for data modules that contain a JPEG graphic(s), which states 'undeclared notation' S1000D 1.9 [ID 6523]
- If an ICN is a Placeholder graphic then disable the lockdown when it's being referenced by a DM in Published/Approved status [ID 6528]
- DM import – validate against DDN file. [ID 4201]
- Various S1000D stylesheet enhancements

MIL-STD-40051 Changes

- WP From LSAR - Support 40051 MRP mandatory replacement parts [ID 6029]
- Added support for MIL-STD-40051 6.5 FRNTCOVER [ID 6338]

XML Editor Changes

- Fixed issue with creating XML from MS Word document if a table exists [ID 5390]
- Added ability to insert character entities missing when editing DM for FSAF spec [ID 5446]
- Updated HyperSTE functionality for latest version [ID 5678]

Other Changes

- Multiple Reviewers for a DM [Add database fields] [ID 1323]
- Increase Info Code description field in database from 115 to 150 characters [ID 4205]
- Added graphic viewer to EAGLE Vision [ID 4568]
- Added capability for EPS to notify DM Author if DM has associated LSAR changes [ID 5389]
- Add Update Project SNS capability for S1000D FSAF spec DM imports [ID 5445]
- Fixed issue where Issue Number not updated properly when up-issuing an FSAF format DM [ID 5447]
- Updated DM Release to allow FSAF spec Task DMs to be built from LSAR [ID 5479]
- Update S1000D IPD Builder to allow FSAF spec DMs to be built from LSAR [ID 5481]
- Fixed Required Persons table layout issues in PDF preview output [ID 5491]
- Support S1000D FSAF spec in PDF Builder output [ID 5528]
- Fixed error where hotspot IDs were duplicated [ID 5650]
- Fixed issue with duplicated Warnings and Cautions in Safety Requirements section of DM [ID 5651]
- Updated EAGLE XML Editor to show Subtasks with associated CLL records on initial XML generation [ID 5762]
- Added support for MIL-STD-3001 spec versions 307c and 308 [ID 5824]
- Enhanced Fault Isolation data module output for S1000D issues 2-3 [ID 5876]
- Add ability to edit the subtask additional narrative information in the EPS Subtask info panel [ID 6012]
- Fixed DM Release to generate CSN Refs for DMs with single character SDC values [ID 6023]
- Added ability to not overwrite Figure information when building IPD from LSAR [ID 6024]
- Update BREX templates to reflect S1000D 4.1 rev C [ID 6025]
- DMRelease - Add W/C/N, CLOSEREF, REQCOND applic tag support to S1000D 2.2 [ID 6027]

- DMRelease - Close-up TDMREFS reference not populating from LSAR as expected [ID 6028]
- Support 3 character state codes in table XH (CAGE Codes) [ID 6118]
- Added ability to change the priority of a published DM [ID 6209]
- Add an option to change font size in footer of PDF output [ID 6218]
- Allow Partial Task associated DMs to work with TDMREFS content [ID 6296]
- Fixed issue with special characters in subtask XML not saving back to table CC [ID 6314]
- Fixed issue with incorrect security classification length when adding entities in issue 2.3.1 [ID 6342]
- Added Task ID column to Task reports in EPS custom reports [ID 6367]
- Remove numbers from IPD headers in PDF output [ID 6450]
- Update DM Release to output a leading 'W', 'C', or 'N' for Warning, Caution, or Note records in CLL library with numerical ID values [ID 6481]
- Add support for more entity types in EAGLE Vision (WEBM and MP4). [ID 6679]

Installation

To Begin:

To install EAGLE 19.0 and EAGLE Publishing System 19.0, please run SETUP.EXE from the installation CD.

If S1000D or MIL-STD-40051 SGML/XML editing is going to be performed, refer to the "[How to Setup the EAGLE XML Editor](#)" below.

EAGLE Publishing System Installation

EAGLE Publishing System is purchased as an add-on to EAGLE and needs a separate license to run.

Using the included EAGLE XML Editor significantly reduces the time and effort required to edit items in the EAGLE Publishing System. The setup instructions for using the EAGLE XML Editor are under "[How to Setup the EAGLE XML Editor](#)" below.

How to Setup the EAGLE XML Editor

EAGLE includes an EAGLE XML Editor that is available for editing XML data modules for S1000D Issue 1.8 and later and XML work packages for 40051C Version 3.28, 3.29, 5.0, 6.0 and 6.5. To use the EAGLE XML Editor, perform one of the following steps:

1. In EAGLE, under the Tools>>Options menu item, select EAGLE XML from the Editor: drop down list box.

or

2. In EAGLE Publishing System, under the Tools>>System Details menu item, select EAGLE XML from the XML Editor: drop down list box.

How to Setup a Generic Printer for Printing to a File

For a Windows 7 Operating System:

1. Click Start and "Devices and Printers"
2. In the header at the top (below the path name) select "add a printer"
3. Select Add a local printer
4. Select radio button "use an existing port" and select from the drop down "FILE: print to file" and choose next
5. Under Manufacturer select "Generic" and under printers select "Generic / Text Only" then choose next
6. Input the printer name and choose next
7. Select the radio button do not share this printer and choose next
8. Uncheck the checkbox for setting the default printer and choose Finish

For Further Information

EAGLE offers a support hot line (EAGLE Help Desk). The Team EAGLE support hot line phone number is:

1-520-663-6673

You will be asked to leave a message and a Team EAGLE support representative will call you back. The support line is available Monday through Friday 8:00am to 4:30pm Mountain Standard time.

EAGLE also offers an e-mail option for the EAGLE Help Desk. Send E-Mail to:

raytheoneagle@raytheon.com

Send all correspondence to:

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