

EAGLE Version 24.0
M0 Build 0029

Updated March 25, 2026

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", found in your EAGLE Install Folder or available from the EAGLE Help Desk.

General Information

EAGLE 24.0 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 19c database.

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.

Larson CGM Viewer SDK – Copyright (c) Larson Software Technology, Inc.

ORACLE

EAGLE recommends Oracle Client 19c or above (32-bit) on 64-bit Windows platforms. Please contact the EAGLE Help Desk for more information.

Change Log – EAGLE

ID Readme

7441 GEIA Rev C - LSA-051 support added

7577 BoM Loader - screens now remember custom column selections

15434 Added a location in tools -> options to manually set the installation path

16387 LSA-152 now assigns child NHA PLISNs for new records that use INSERT Mode

16786 fixed an issue where several toolbar buttons were not navigating to RAM Item Function screens

17096 Change Only, EAGLE XML format no longer logs Oracle error 1405 when reading CLOB columns

17178 fixed an issue editing HI narrative on Def(Aust)5692 systems

17605 Created a new Bulk Load RAM Data screen for backfilling reliability data

18673 fixed issue where later GEIA Revision-related tables were not appearing in Ad Hoc's table list when logged in as the "EAGLE" user

18713 Resolved issue with UOC filtering in the the LSA-036 C-card/NHA PLISN calculation

18794 RSA-based smart card certificates are now processed using the Key Service Provider instead of the Cryptographic Service Provider.

18959 fixed issue in Change Only where update code/column operations were not being initialized correctly

18960 Change file import creates totals file when HQ data exists in the change file.

18991 Added a blank in the LSA-126's parm screen's UOC dropdown to de-select a UOC filter

19132 LSA-019 - fixed issue where Multiple part applications in CI and CS were showing incorrect quantities

19254 GEIA Rev C - fixed issue where the "Applies to whole task" option for C/W/N's was not saving

19291 For LSA reports that support pdf output, added a pdf viewer from within the client

19672 BoM Loader - fixed an issue with the LCN calc where new indentures were not resetting the iteration of child indentures

Totals: 18

Change Log – EAGLE Publishing System

ID Readme

- 12201 DM Release: When getting a NULL BLOB error in DM Release, make that a fatal error so building stops
- 12658 Lock down Task/Partial Task Reference Maintenance text box for DMs.
- 13530 Fix to Manual Up-Inwork Setting not working as intended
- 13532 Add Option to not output dmAddressItems for REQCOND and CLOSEREF subtasks
- 14401 User Maintenance: When adding End Item privilege, prepopulate Ownership ID and Select Ownership ID with '%'
- 14745 PDF Stylesheet: Warning CIR refs display different from normal Warnings
- 14754 PDF Stylesheet: Long paragraph formatting issues in ATA Tool/Supply Table Remarks
- 14924 DM Release: Add end item setting to not display CAGE and Part Number if CSN Ref is found
- 15294 BREX Validator: have pattern rules match full entry
- 15445 EPS Web Portal DM table does not appear after viewing PM page table.
- 16388 Add Previous DM Revision to History for Comparison
- 16456 PDF Stylesheet: Publishing SVG to PDF removes doctype and XML declaration from SVG
- 16674 IPDBuilder: S1000D 2.3 refisn attribute not being pulled on release
- 17252 PDF Stylesheets: Option to not generate references section
- 17307 PDF Stylesheet: Add option to display DMC, dmTitle, or xlink for dmRef
- 17379 PDF Builder: Headers merge into text for List of Figures and Tables when using publisher
- 17473 S1000D 3.0 and below support for Backfill Tool
- 17502 Fix for IPD From Spreadsheet Tool for 3.1 and below automatically puts DCV in CSN attribute
- 17505 PDF Stylesheet: Underscore in Security header data when using a special font
- 17769 XML Editor: Settings for Custom Auto-ID Definition
- 17807 PDF Stylesheet: Numerical Index and Equipment Designator Index missing from TOC
- 17809 PDF Stylesheet: Figure size issues when author specifies size
- 18226 Support FRC document type: Change dmTitle formatting
- 18235 Support FRC document type: Footer modifications
- 18411 IPD Builder: referencedApplicGroupRef gets removed from IPD after building from EAGLE
- 18428 PDF Stylesheet: Support applicability on entry tags
- 18429 PDF Stylesheet: Support applicability on crewDrillStep tags
- 18431 PDF Stylesheet: Support applicability on figure tags
- 18432 PDF Stylesheet: Fix applicability alignment on para tags
- 18443 PDF Stylesheet: Fix applicability alignment on sidehead tags
- 18461 Move DDN/DML options to Tools --> Options on Publishing Window
- 18476 PDF Stylesheet: Section-level LOSE/LOSU/LOSP Table Remarks data text wrapping issue
- 18477 PDF Stylesheets: DMs out of order if DMs have a pmEntry sibling
- 18478 PDF Stylesheet: Case-insensitive LOSE/LOSU/LOSP name sort
- 18489 PDF Stylesheet: Case-insensitive Acronym name sort
- 18491 Mass Encap Tool: Add validation for 250 PM Title character limit
- 18493 Mass Encap Tool: Normal Publish to vision does not look at externalPubCode for Document ID
- 18494 PDF Stylesheet: Support shortName tag in LOSE/LOSU/LOSP
- 18495 PDF Builder: Find jpg height and width error fix
- 18506 PDF Stylesheet: Support shortName tag in LOSE/LOSU/LOSP (ATA)
- 18543 XmlEditor: Add "Include CIR Remarks" option on CIR Refs insert
- 18544 XmlEditor: Add "Load Applic Display Text" option to Applic CIR Insert
- 18545 Update PDF Builder to find S1000D 6.0 end items

18561 Add Localization => Add Japanese support for Web Portal
18574 PDF Stylesheet: Support applicability on para children of entry tags
18576 PDF Stylesheet: Adjust keep-together criteria for WCNs
18577 PDF Stylesheet: Add keep-together for sidehead without title when followed by WCN
18585 PDF Stylesheet: Add applicability when first child of sidehead is a para with an applicRef
18588 Fix for Symbols from CIR not downloading when View single PDF
18594 Applicability duplicated for table when aligned with content
18596 PDF Stylesheet: Support applicability on paras under crewDrillStep tags
18600 PDF Stylesheet: Support applicability on listItem and listItem/para tags
18616 PDF Stylesheet: Inconsistent spacing in Support Equipment table depending on whether remarks exist or not
18631 Support S1000D 6.0 for DMRelease
18632 Support S1000D 4.1.A for DMRelease
18640 Send email notification to Reviewer when setting DM to Review status
18641 DM Release: check for duplicate acronym IDs from other subtasks
18650 PDF Stylesheet: Print WCN content instead of link with referredFragment
18709 Updated DM Import logic to allow overwriting DMs to PUBLISHED status
18716 WCN rewrite now that fop has changemark capability
18732 PDF Stylesheet: Extra space in LOSE, LOSU, LOSP if only a CSN Identification/Reference
18736 PDF Stylesheet: Handle crewMemberGroup in Crew DM
18751 PDF Stylesheet: Extra padding in DM-level LOSE/LOSU/LOSP if Remarks data
18752 PDF Stylesheet: Process tables in crew DMs
18758 PDF Stylesheet: Handle @authorityDocument and @authorityName on crewDrillStep
18765 Fix invalid XML for 2.3.1 and below insert sheets in the XML Editor
18766 Fix invalid XML for 2.3.1 and below inserting sheets ipd from spreadsheet tool
18805 PDF Stylesheet: Create launchable link to externalPubRef if pubCodingScheme="PDF"
18832 PDF Stylesheet: Create 8x5 index card format per spec
18838 PDF Stylesheet: ATA dmRef not appearing
18840 PDF Stylesheet: ATA List of Figure links broken if no graphic found
18846 Change Preview options in the XmlEditor to PDF Builder, Stylesheets, IETM Preview
18858 PDF Stylesheet: Graphic referredFragment showing a Figure Number of 0
18859 PDF Stylesheet: Display externalPubCode if it exists in Required conditions Data module/Technical publication column
18893 Download and add CIR symbols to PDF Config file single View PDF
18894 Backfill Tool: Subtask Narrative Loader
18895 PDF Stylesheet: Display Applicability in WCN and their paras
18896 PDF Stylesheet: Support @separatorStyle in Crew DMs
18906 PDF Stylesheet: Support multiple response and crewMemberGroup tags in challengeAndResponse in a Crew DM
18927 PDF Stylesheet: Use flexible label width for crewDrillStep
18929 PDF Stylesheet: Sidehead titles not bold if there's an applicability reference
18930 PDF Stylesheet: Custom HCL Note Indent lost after WCN rewrite
18936 Fix for viewing attachments in comments gives DateTime error
18953 Fix for Unable to add existing attachments to comments
18995 Lower dots between challenge and response if challenge spans more lines
19001 Fix for attachment button issues when making new comment
19013 PDF Stylesheet:Crew challengeAndResponse data getting truncated in full pub if crewMemberGroup exists

19019 PDF Builder: Tables not displaying inside tag
19043 PDF Stylesheet: Handle reasonForAmendment tag in graphics
19051 Option on DM Import to Remove XML Comments
19070 PDF Stylesheet: LOEDM DM information missing when xlink display option selected if no xlink
19085 Adjust indents after making crewMemberGroup changes if no crewMemberGroup
19086 PDF Stylesheet: Add applicabilty to Note inside of a listItem
19117 PDF Stylesheet: Padding after issues between table following sidehead
19118 PDF Stylesheet: WCN Support inside subCrewDrill tag
19120 Add TAI modifications to existing stylesheets
19121 Add support for @applicRefIds
19139 PDF Stylesheet: Remove extra spacing around symbol
19143 PDF Stylesheet: Add xlink:title support for internalRef
19185 Remove xlink attribtes of dmRefs, pmRefs, externalPubRefs from refs section
19186 Create Report button on BREX Validation Multiple DMs does not work properly
19237 PDF Stylesheet: Do not add padding-before to first listItem if a title exists
19279 PDF Stylesheet: Add dynamic systemCode support to autogenerated DM code
19330 Add Supplementary DM List to Upload To Vision
19331 Add Custom Stylesheet selector to Upload To Vision
19336 PDF Stylesheet: Crew WCNs overflow page
19345 PDF Stylesheet: Crew numbering for if/else/case
19449 PDF Stylesheet: List content in crewDrillStep challengeAndResponse tags stretched
19526 PDF Stylesheet: Handle internal references to crewDrillStep
19574 PDF Stylesheet: Handle challengeAndResponse tags inside crew conditional tags
19602 PDF Stylesheet: Duplicate ID error with @reasonForUpdateRefIds (figure with multiple graphics)
19639 40051: Validate Internal References in Publication tab gives false errors
19645 PDF Stylesheet: Decode additional @quantityUnitOfMeasure on quantityGroup tag (some special formatting required)
19690 PDF Stylesheet: Direct symbol children missing from WCNs
19692 PDF Stylesheet: Add additional breaking characters to prevent table cell overflow
19801 PDF Stylesheet: Padding after issue with auto-sized figure
19854 40051: Add security during admin sync

Totals: 117

Installation

To Begin:

To install EAGLE 24.0 and EAGLE Publishing System 24.0, 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 support line is available Monday through Friday 8:00am to 4:30pm Mountain Standard time.

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