

EAGLE Version 22.0
M1 Build 0182

Updated Feb. 17, 2025

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 22.0 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.

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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

- 10443 Fixed an issue where fullfile now loads CI records in the proper order to not violate the H-task rule
- 10513 Added an option to the LSA-019 that replaces the words "WARNING", "CAUTION", "NOTE", etc., with the Warning/Caution/Note ID from Entity CLL.
- 11543 S3000L - added parameter in the client to detect output format
- 12197 Added UOC filtering options to UOC (HO) Maintenance screen
- 12407 Added "RC" to DED_174 to allow "RC" for Unit Container Code in HF (HF.UNICONHF).
- 12486 LSA-019 - GEIA Rev C, updated LCN nomenclature fields to handle 42 characters
- 12789 Changed SU views for HK and XI to fix "invalid identifier" error when running certain retrieves
- 12864 LSA-003 - GEIA Rev C, Changed LCN nomenclature fields to use 42 characters
- 12935 S3000L - added support for supTask entity
- 13035 Fullfile now uses consistent line feed characters for narrative columns
- 13121 The "AND" CF filtering criterion now qualifies any tasks that have one of each CF code that appears in the filtering list, regardless of the existence of other CF records related to that task.
- 13176 Changing a subtask type to certain values no longer results in a PL/SQL Character to Number Conversion error.
- 13190 Connect.dll can handle CLOBs, BLOBs, LOBs when changing your NLS_LANG environment variable.
- 13193 The LSA-019 can now accept alphanumeric ALCs.
- 13194 Importing a fullfile in EAGLE XML format on DEF60 database no longer prompts for default currency code.
- 13202 Fix the typos in ZHELP2_CMPS "transporation" to "transportation" and "Ventingn" to "Venting"
- 13289 Changed LCN Nomenclature in LSA-013 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13316 Changed LCN Nomenclature in LSA-014 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13335 Changed LCN Nomenclature in LSA-016 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13346 Changed LCN Nomenclature in LSA-020 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13351 Changed LCN Nomenclature in LSA-021 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13353 Changed LCN Nomenclature in LSA-022 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13362 Changed LCN Nomenclature in LSA-023 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13370 Changed LCN Nomenclature in LSA-024 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
- 13375 Change CA.PMCSIDCA to handle 'I' for GEIA-0007 Rev C and later revisions.
- 13415 Changed LCN Nomenclature in LSA-056 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.

13419 Various performance improvements to Chage File creation in 0007 format
13432 Changed LCN Nomenclature in LSA-065 to handle 42 characters instead of 19 characters for GEIA-0007 Rev C and newer Revisions.
13476 The LSA-070 can now pass a wildcard value of "%" as parameters for the CAGE and Reference Number.
13602 Moved the Clear All toolbar button away from the Execute button
13680 The LSA-036 can has the option to select Usable On Code (UOC) Types; Serial Number UOC (HN) or Non Serial Number UOC (HO).
13693 S3000L - removed dependency on mapping file
13696 GEIA Rev C - Fixed issue when inserting new records on the XB Maintenance screen
13708 Added a drop down menu for the use of Serial Number UOC.
13845 S3000L - handle export of IsaFmRtg entity under breakdown elements
13852 S3000L - added support for proj entity
13887 S3000L - Refactored entity BeRev to include dmGAnlys and detectMnCaps
13892 Converted most part/LCN nomenclature fields to use char vs byte semantics for better multilanguage support
13981 Caution Warning Notes Narrative Field is exporting correctly from CLL on FullFile Export.
13991 HP.RSPLISHP is saved and set after selecting INSERT or OVERLAY with an update request.
13999 Fixed rare connection error in Fullfile when making tabelset selections
14030 Added check in the client for idle sessions when resource limits are set on the database
14042 EAGLE Codification Tool no longer shows in the Start Menu.
14247 Various fixes to Direct Table Editor - updates now working for regular users, special case handling so certain tables
14451 Change file will not display CHANGIN_NARR_SPEC.
14476 Fixed issue in change file updates to CB with multiple elements
14499 User can now select how the LSA-019 Enhance Output output.

Totals: 47

Change Log - EAGLE Publishing System

ID Readme

5334 Custom Status Tab: Edit multiple rows at a time

5637 New Issuing a PM in S1000D 2.3.1, issueType has the wrong tagging

8919 PDF Stylesheets: One line/two line title option

10909 PDF Stylesheets: Option to suppress List of tables and List of figures in PDF Generation

11109 Data Module hotspots inserted in reverse order

11503 D063: Do not allow blank folders in Edit Publication window.

11720 Preview DMs & ICNs in MDDV from EPS

11723 Publish PMs to MDDV from EPS

11820 EPS Cloud Integration: Add dedicated EAGLE Cloud connector window in EPS

11928 New DM Import Option to not allow DMs to import as Published

12032 PDF Stylesheets: Option to page break after TOCs and reference tables in DMs

12277 New option on DM Export/Publishing to remove XML Comments

12285 Support Import/Export of ATA iSpec Pageblocks

12361 PDF Stylesheets: Support circuitBreakerDescrGroup tag in S1000D for Issues above 4.1

12473 Option to open NSIV in default web browser

12656 Allow Author of DM ability to send DM to rework

12702 Added popup to clicking the Update Button in the Edit Publication window if there are unsaved changes

12758 Change Reference Table Header text for version 5.0

12781 Support FAULT DMs in XmlEditor PDF Preview for S1000D issues below 4.0

12834 Multi-Language support when creating new Data Modules

12836 Multi-Language support when Importing Data Modules

12837 Multi-Language support when Exporting/Publishing Data Modules

12846 Multi-Language Support for BREX DMs when making a Project

12847 DM Release: New End Item Setting to display decimal numbers with a comma instead of a period

12903 PDF Stylesheets: Enable table row background color support

12904 PDF Stylesheets: Enable table border color support

12905 PDF Stylesheets: Do not autogenerate Highlights text if exists in frontMatterList

12952 MIL-STD-40051: When publishing if download DTD option is selected you get an unknown path error

12961 MIL-STD-40051: Remove Build PDF button from publication window

12969 Deleting End Item with TDMREFS fails

12970 Add option on publish for SYSTEM notations format

12974 Fixed bug: Importing PMC that contains DMEs will make the PMC turn into PME

12998 PDF Stylesheets: Table row color overflows centered table that does not take full page width

13010 Added option to use underlines instead of highlights in HyperSTE check.

13012 Build Maxit context menus dynamically

13013 MIL-STD-40051: Subfig number displays incorrectly when you only have one subfig

13027 PDF Stylesheets: Incorporate CSN Display differences for Issue 4.2 and up

13034 PDF Stylesheets: Support quantityValue tag

13037 PDF Stylesheets: Add "No." text for Part Number display for Support Eq, etc, for Issue 4.2 and up

13075 PDF Stylesheets: Indent tables inside proceduralStep and levelledPara

13076 PDF Stylesheets: Use DM date in footer, not PM date

13109 PDF Stylesheets: Rotate sidehead title along with table if table is first item after the title

13160 PDF Stylesheets: Make spacing between list item paras the same as that between regular paras
13204 DM Release: Estimated Time displaying only one decimal point, needs to be two
13291 Fixed tag incorrectly wrapped in 40051 XML
13294 Change Previewer Support Eq, Supplies, Spares to remove CAGE subheader if no CAGE
13304 Mass Encapsulation Program
13305 Fixed bug with BREX referencing in Multi-Language projects
13376 DmRelease: personSkill tag will not output without ZS1000D_TRADE record. Should get from GA
13455 DmRelease: Unified THA, EA, and HA writing methods to avoid confusion/overwriting of needed info
13459 HyperSTE speed improvement.
13463 Enable multiple property support for captionColor attribute
13464 Support column-width for captionGroup tag
13465 Backfill Tool: Add Insert/Deletes to Subtasks
13466 Backfill Tool: Add Insert/Deletes to Personnel
13467 Backfill Tool: Add Insert/Deletes to Support Equipment
13468 Backfill Tool: Add a commit log file to Task Expanded window
13469 Backfill Tool: Resolve internalRefs to parts as internalLsaRefs
13470 Fixed issue with ISOEntities in PM preventing View in NSIV
13471 Mass Encapsulation: Added dmAddressItems to DM Entire Entries
13475 Add setting to show work package title in custom status tab
13537 Added option to page break after TOCs and reference tables in DMs setting in EPS Client
13539 PDF Stylesheets: Default S1000D Table Header font-weight to bold for issues 4.0+
13540 Added option to suppress List of tables and List of figures in PDF Generation setting in EPS Client
13574 New Option to View in NSIV without First Tier References
13576 Added new comment option FIXME in the XML Editor
13587 Prevent non TM Managers from deleting other users comments
13595 Backfill Tool: Add Insert/Deletes to Supply/Spares
13611 PDF Stylesheets: Support caption tag inside table
13690 PDF Stylesheets: Option to include/suppress Parts Lists (LOSE, LOSU, LOSE) (Stylesheets)
13814 Maxit STE Checker Integration
13816 Proteus PDF Converter Integration
13820 PDF Stylesheets: Create option to include/suppress document-level List of Tables and Figures (Stylesheets)
13822 Support Posting VPF Files to Vision
13823 Added Sync XML Titles to update titles of Figures and References to match database
13825 Prevent EAGLE_SA user from creating other EAGLE_SA users
13826 Added new font Noto Serif JP to PDF Stylesheets
13844 PDF Stylesheets: Add Table title (Continued) for tables with multiple tgroups
13859 PDF Stylesheets: Handle circuitBreakerDescr internalReferences
13900 PDF Stylesheets: Enable between reqCondDm tags
13907 PDF Builder: Fraction Symbols fail in PDF Preview 2.2 XML
13908 PDF Builder: Non-breaking Space () characters print in the estimated time for 2.2 XML
13910 PDF Builder: Support PDF Preview for Fault DMs linked to EAGLE
13962 PDF Stylesheets: Link hotspots to graphic rather than various hotspot links because they are bringing up different parts of the page
13980 PDF Stylesheets: Automatic proportional table formatting too wide for page when g_tableAlign = content
14021 Display CSN Ref 1.8 PDF Builder

14033 PDF Stylesheets: If attribute pgwide=1, override g_tableAlign='content' setting
14043 PDF Builder: Display tag in DMC
14171 PDF Stylesheets: Support _newpage processing instruction
14182 PDF Builder: End item setting to hide title column in refs table

Totals: 90

Installation

To Begin:

To install EAGLE 22.0 and EAGLE Publishing System 22.0, 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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