EAGLE Version 23.0
M0 Build 0004

Updated February 25, 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 23.0 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
7517   Added Item Description Field for LSA-080 Report for 0007 Rev C end items.
7534   Added Skill Special Code Description for LSA-072 Report.
7993   Fullfile import in 0007 format now produces a totals file broken down by Entity and its related tables.
8647   Boolean fields are now updated for 0007 Rev C in the LSA-070.
9378   Added GEIA Rev C Header Changes.
12283   Added SSC Description check box to the LSA-075, LSA-065, and LSA-077 reports in 0007 Revision C Systems.
13114   DED 253 (Navy Cognizance Codes) has been aligned to the values from the October 2022 edition of FLIS CDTS Volume 10.
13604   Fixed issue where the Enter key was not Executing on XFT and XFTBH screens
13729   The EAGLE client now updates the end item setting in the registry properly when changed
13902   Added specification name and time of export to header for Eagle XML format.
14022   QPEI Calculation Wizard results are the same on the LSA-036 QPEI Calculations.
14105   Fixed issue where certain task data could not be updated in the RMT Library and Help Editor
14106   Fixed issue where subtask times were not saving properly in the RMT system
14348   The DB Help tool now requires .NET Framework 4.8 instead of the deprecated .NET Framework 3.5.
14380   Change file in 0007 format encodes Carriage return and line feed characters stored in narrative CLOB columns to be consistent with other narratives.
14511   Performance of Full file and change file imports in 0007 format has been improved.
14515   Added front-end UOC-PCCN option to Quantity Per End Item wizard
14520   Updated the names on the EAGLE Credits window
14614   Fixed issue where retrieves on EG weren't finding revisions using a single digit
14653   Updates to /M parameters for fullfile export new value expects specification name followed by colon (:) Revision. (SpecName:Revision)
14654   Simplified the way parameters are passed from the EAGLE client to Fullfile
14665   Fixed rare issue where the Part/LCN option was not switching on Breakdown screen
14669   Made front-end changes to better handle ZD table FF selection using Def(Aust)5692
14672   SE, Peculiar, and Common Tool Requirement flags now work properly on both 0007 Revision B and C systems.
14678   LCNAME in table Z#BLOB_SELECT data length change from 19 to 999.
14808   Made front-end changes to support new options for LSA-018 report
14819   Full file export process reports the error generated by database.
14822   Removed deprecated tables from Ad Hoc table list
14830   Update SSC Description Parameter from /O3 to /D3.
14937   Fixed issue where the HG tab in provisioning was not loading on GEIA Rev C EIACs
14938   Fixed an issue where the PTD list option was not saving the correct value in GEIA
14947   The 0007 Full File output processor no longer appends "junk" characters to CLL Narratives.
14949   The LSA-070 SERD Report ARS Duplication bug is fixed.
15093   Fullfile export in S3000L format has been improved not to report unnecessary error messages generated due to unsupported entity elements.

15108 A user with EAGLE_USERL2_ROLE is now able to execute copy/delete stored procedures from the EAGLE Client.
15116 End Item Settings records now use "EAGLE Publishing System" as the default option
15220 Defined clearer error message handling when the REPORTS user password is expired
15236 Carriage returns are now handled more consistently in full file and change file import operations.
15270 Added two, missing fields on HH screen that were added in GEIA
15401 The 0007C full file export now notifies the user that UOC filtering is not available.
15402 The 0007C full file export now identifies when UOC filtering criteria have been specified and notifies the user that the feature is not yet implemented.
15418 Change the Parts and Tool Reference Number generation to hand more values.
15471 Fixed a line artifact on the Support Equipment screen when using themes
15961 Change file import in 0007 format produces a totals file broken down by entity and operation.
16073 Added a Item Description checkbox for LSA-080 Specific Parameter screen.
16088 Changed Ad Hoc to continue with retrieves even if it fails to append EIAC to the query
16118 The acceptable codes for the Special Material Handling Code have been updated.
16182 Added a field for Subtask Number filtering when selecting a Reference Subtask

Totals: 48

Change Log – EAGLE Publishing System

ID	Readme
3781	Bug Fix: Editing IDSTATUS in the Manage DM -> Edit window does not work for SGML
12906	PDF Stylesheets: Option to suppress Updating Information in the Highlights section
12946	Bug Fix: Completion Status tabs and Custom Tab off by 2
13206	New button on History window to save old InWork to local folder
13578	Added Creation Date to Entity Usage Reports
13588	Update DM Ref Titles on Admin sync
13590	New options when generating Highlights, LOEDM, and TOC
13646	Add applic refs when generating IPD Numberical Index
13705	Bug Fix: Hotspot dont validate on Analyze DM Internal references window
14075	PDF Stylesheets: Highlights Reason For Updates from DMs not appearing in ATA Autogenerated File
14177	Add additional identNumber tags for each specDocument in a supply CIR
14264	XmlEditor BREX Validation fixed for Multi-Language Projects
14279	Generate MIL_STD-40051 MACWP XML from EAGLE
14350	Display better error message in the IPD from Spreadsheet tool if excel is not installed
14356	Bug Fix: Insert internal ref puts wrong spare code
14365	Analyze DM Create Report on BREX Validation tab creates a bad report
14394	Bulk download of Associated Documents
14430	PDF Stylesheets: Show Issue Number after PM Code on autogenerated Title Page
14432	PDF Stylesheets: Indent commonInfoDescrPara
14435	PDF Stylesheets: Table content cropped in ATA tool/supply tables
14436	PDF Stylesheets: Reference Table Number and TOC Page no./link issues
14445	Dm Release: and tags remove dashes on output
14460	PDF Stylesheets: Hotpot link text disappeared after adding referredFragment capability
14469	PDF Stylesheets: Change hotspot linking to only output 1st hotspot and link to that
14480	PDF Stylesheets: crewDrillStep text only filling half the screen
14510	Display text across whole column in Requirements after job completion table
14516	PDF Builder: List symbol separated from text at page break
14567	PDF Stylesheets: Add padding after for last item in nested list if ancestor list continues
14581	ATA Stylesheets: Internal refs to tools, supplies, spares dont display part name (ViewPDF)
14587	Added instructions on how to get a valid Proteus login.
14588	Added a log out button to Proteus.
14589	Fix profile dropdown creating multiple records of the same profile.
14591	Proteus: Add current profile and conversion limit to conversion window.
14606	ATA iSpec 2200 support: Generate Pub XML file
14623	PDF Stylesheets: Remove Volume from Title Page if 00 for 001 infoCode DM
14650	PDF Builder: Display multiple CSN Ref tags in 1.8
14652	PDF Stylesheets: Show Applicable to: in all footers
14667	PDF Stylesheets: Fix endless recursion when used in table aligned with content
14674	PDF Stylesheets: Output N/C for autogenerated DMs in LOEDM
14675	PDF Stylesheets: Output Applicable to All for autogenerated DMs in LOEDM
14676	PDF Stylesheets: Output Applicable to in Updating Instructions
14677	PDF Stylesheets: Output Applicable to Table of Contents
14687	ATA Stylesheets: Internal refs to tools, supplies, spares dont display part name (Full Pub)
14690	Include language to pm ref in PMs for vision

14730 Add option to Export DMs from the Completion Status tabs
14739 none
14740 Make XSLX the default option when exporting to Excel
14741 Include Notations when Viewing in NSIV
14742 Support DM Level Applicability Filtering on Publish for PDF
14746 XmlEditor Preview: Show procedural step numbers in LSAR view
14753 Sort ATA List of Illustrations in order of appearance, not alphabetical order
14781 PDF Stylesheets: Preliminary controlIndicatorRepository handling
14784 PDF Stylesheets: Allow for different list prefixes in attentionRandomList
14794 PDF Stylesheets: Suppress Title page, LOEDM, LOEP, Change Record (CR), TOC from TOC
14796 Change LOEDM font to Centerhead value
14797 LOEDM text between centerhead and table is too large
14801 ATA Stylesheets: Internal refs to tools, supplies, spares don't work for doc-level duplicates
14815 Add option for S1000D 2.2 to output REPLACE file
14833 PDF Stylesheets: Handle descrForLocation tag in IPD
14872 Remove option to view PDF under 40051 WP context menu
14889 Update MaxIt word finder window to display new text.
14890 Update MaxIt highlighting and parsing code to support new Maxit format.
14892 PDF Builder: Add list of required character entities
14931 PDF Builder: Support 1 and 2 digit values in decode security class for XML Preview
14939 PDF Stylesheets: Blank graphic issue when None sizing option selected and non-px UOM given
14943 PDF Stylesheets: Publication failed when nested IPD pmEntryTitles were the same
14964 Dm Release: -41 error using Link all projects to LSAR setting
14970 PDF Stylesheets: WCN Overflowing into Footer
14972 IPB Builder: 40051 - End Item setting to get DFP from HL does not work
14984 Remove publish to pdf in publish screen
14999 PDF Stylesheets: Support Export Control Marking using caveat
15020 XmlEditor Preview: Show step number in LSAR view below issue 4.0
15026 PDF Stylesheets: Omit Export Classification: label on TP if attributes are missing
15081 PDF Stylesheets: Auto Generated List of Symbols doesn't seem to work
15098 DM Release: Have the attachStoreShipPart tag when Output Minimal IPB Data is checked
15101 Addressed an issue whereby the use of alphanumeric ALCs caused dmrelease to issue a -15 error.
15106 PDF Stylesheets: Suppress reasonForUpdate from the PM from Highlights
15127 Change mark showing on too short on Equipment List tables
15128 Give table top border straight edge
15130 Change mark fix on Equipment List tables caused (Continued) to disappear
15145 Reduce space between Subhead title and following text
15151 Web Portal cannot delete attached files and posted PDF
15237 Mass Encap: id attribute on content not allowed in PMs
15286 Create External Reference to graphic file types fop doesn't support
15291 ATA iSpec 2200 import improvements
15293 Table Editor bug with mix of colspan and rowspan erases last entry in row
15295 PDF Stylesheets: Fix border-color="" errors
15304 PDF Stylesheets: Change mark too long on commonInfoDescrPara tag
15320 40051 IPB Builder: First item in RPSTL has blank label
15322 40051 IPB Builder: When grabbing the TMFGCDHK needs to account for TM
15346 40051 IPB Builder: SMR codes with only 2 characters need to add blank maintcode and recovercode
15348 40051 DM Release: multiple internalCllRefs in same subtask causes duplicate ID

15362 PDF Stylesheets: Change mark missing on commonInfo and commonInfoDescrPara titles
15398 Import 2.3 DMs regex fails with comments iso entities
15487 PDF Stylesheets: Enable links to hotspots in IPD
15921 Add new windows for Proteus user management.
15922 Add new required Proteus API calls for user management
15947 MIL-STD-40051 v7.0 Support
16041 Add post-WCN padding if processing WCNs in special table case.
16048 PDF Stylesheets: Treat randomList and sequentialList spacing differently per spec
16049 PDF Stylesheets: Too much space between final para in list item with multiple para tags and next list item
16062 frontMatterInfoType text missing
16170 ATA Stylesheets: Duplicate ID issue when more than one reasonForUpdate lacks an id
16171 PDF Stylesheets: Preliminary ispec stylesheets
16173 Option to Generate XML Template for MIL-STD-40051 Import
16174 Fix Work Package references to TM Long Name on import
16175 Reference Subtasks are editable when using the Allow Editing button in EAGLE
16181 23m0 MAC fixes

Totals: 108

Installation

To Begin:

To install EAGLE 23.0 and EAGLE Publishing System 23.0, 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.

Send email to:

   raytheoneagle@rtx.com

Send all written correspondence to:

   Team EAGLE
   Raytheon Company
   TU, Bldg. M30, S16
   P.O. Box 11337
   Tucson, Arizona 85734-1337 USA
   9030 South Rita Road
   Tucson, Arizona 85744 USA