EAGLE Version 22.0
M0 Build 0012

Updated Mar 5, 2024

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IMPORTANT NOTICE
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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.

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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 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.

Change Log – EAGLE

ID   Readme
9108   Fixed incorrect boolean values for RAM Indicator using the Assign to LCNs screen on 0007 Rev C
9831   The LSA-019 now correctly processes alphanumeric ALCs.
11408 Fixed issue in Ad Hoc when Inserting multiple rows for table BB7B
11478 Fixed Qty/Task formatting issue on the LSA-019
11546 Fixed filtering issues when using custom CF filtering on the LSA-019
11553 Added filter option to only view records w/ child data on the O&M Finder (A-tables)
11593 Added And/Or support for custom CF filtering on LSA-019
11594 Made front end changes on the LSA-019 to allow for custom CF filtering
11597 Fixed Fullfile issue outputting junk data when exporting multiple files in 0007 format
11655 Fixed issue handling leading spaces for SERD Rev No. on EG and EH
11680 Added a screen to quickly access database tables and their children (Adhoc -> Direct Table Editor)
11681 Added SSC and IFI to LSA-018.
11682 Added a new user role, EAGLE_USERL2_ROLE, with CREATE object privileges restricted to the user's own schema.
11904 Fixed issue where item function narratives were not exporting in 0007 formatted fullfiles
11911 Modified how the EAGLE client passes its parms to the fullfile execuitbles
11912 Fixed issue on LSA-085's XML Format where '&' symbols were not being escaped
11925 Fixed issue where Def(Aust)5692 fullfile import was skipping table RC, VD, and WA
11958 Added Start LCN, ALC, LCN Type, UOC and Service Designator parameters to the LSA-018 report in 0007 systems.
12076 Fixed issue where DEF(Aust)5692 Fullfile Import was kicking WB records
12104 Add DED812B to allow "E" and "I" values for DEF(AUST)5692.
12105 Task Code screen now correctly manipulates Task Codes in DEF(AUST)5692 systems.
12106 Added Table VG into ZFULLFILE.
12108 DED 834 values are now correct in DEF(AUST)5692 systems.
12110 Fixed the bad format value in ZHELP2 for WY.CMCODEMY from "11 X F -" to "32 X L-"
12124 Key field changes in Entity HD now outputs the Unit Price correctly output in GEIA-STD-0007 Change File format.
12177 Table ZHELP427 (which controls the task code drop down list boxes) can now be edited in the Ad Hoc application.
12206 Corrected an issue with the foreign keys in Table MC on DEF(AUST)5692 systems.
12210 Change file import now correctly handles single quotes for narrative entities in GEIA-STD-0007 format.
12338 Corrected the quantity per task calculation in the LSA-019 report.
12421 Corrected the primary key on Table WN in DEF(AUST)5692 systems.
12451 Corrected the foreign keys in Table MB in DEF(AUST)5692 systems.
12452 Corrected the foreign keys in Table RU in DEF(AUST)5692 systems.
12453 Corrected the foreign keys in Table RF in DEF(AUST)5692 systems.
12454 Corrected the foreign keys in Table MF in DEF(AUST)5692 systems.
12468 DEF(AUST)5692 Table Sets are now available when performing full file operations.

12469 Corrected DED 836 in DEF(AUST)5692 systems.
12537 Fullfile writes the completion status to the message file.
12543 Corrected the length of LCN Nomenclature in the LSA-006 when output from GEIA-STD-0007C systems.
12545 Corrected the length of LCN Nomenclature in the LSA-005 when output from GEIA-STD-0007C systems.
12559 Corrected the spelling of "repair parts kit" in GEIA-STD-0007 DTN 2130 (ICC Code).
12659 Users can determine the change file import status by looking at the message file
12671 Corrected the length of LCN Nomenclature in the LSA-007 when output from GEIA-STD-0007C systems.
12674 Corrected the length of LCN Nomenclature in the LSA-008 when output from GEIA-STD-0007C systems.
12677 Corrected the length of LCN Nomenclature in the LSA-012 when output from GEIA-STD-0007C systems.
12709 Fullfile export in 0007 works when the reports password is encrypted.
12788 Updated the LSA-019 report processor to allow ICC Code K in all systems.

Totals: 46

Change Log – EAGLE Publishing System

ID	Readme
5037	ATA Stylesheets: Allow user to choose how much padding between para tags
5048	Fixed issue with identical DMC codes in different projects in the same end items
5546	Ability to add multiple document attachments to a DM
5764	Support for reproductionScale, reproductionHeight, and reproductionWidth EPS Preview
9046	Allow changing the PublishingEngineConfig file location
9245	Vision: Remove white box on SVGs converted from CGMs
9444	Bug: Percentage complete value only overwrites a zero value
9560	Add a new Subtask Type used for only referencing purposes that is not output on DM Release
9763	Notify user when password expiration is approaching
10360	Ability to edit Comments
10444	dmRef Hover Text EPS Previewer not shown
10569	Stylesheets: table align options
10575	Add a "Save to Excel" button to the Edit Publication window
10702	MIL-STD-40051: Allow editing TM number in publishing
10703	Allow item name replacement for ID in tools lists 40051
10705	Allow short name WPNO in XML and long name WPNO on export 400051
10747	Allow personnel attached to REQCONDNARR Subtask to output on DM Release
11316	Stylesheets: Option to remove reference to "Man" from Required persons Table in procedural DMs
11317	Presentation of NSN in EPS IPD output
11318	Ability to add a DM reference in identAndStatusSection
11490	Fix for using THA name in support/spares
11500	Fixed Table entries with no white space overflow in PDF Stylesheets
11504	Fixed Cell Over Flow Error with multiple paras in a table in stylesheets
11516	Centered table with unspecified column widths table not filling entire page
11528	Added Line Break Before List Titles in EPS Previewer
11529	PDF Builder: Fixed Acronym Terms within List Titles Not Rendering in PDF Output
11549	40051: Added Option to Publish using TM Long Name
11550	PDF Builder: Unknown character entities in figure causes publish error
11554	Stylesheets: Add change mark support to Numerical Index
11602	DM Release: 40051 Task Time not being pulled in properly
11603	DM Release: EXTREFS being processed in old fashion 40051
11604	DM Release: Actual figure numbers not being used for Function Group Code
11707	Enable Option to Point to MDDVPreview.bat
11751	PDF Builder: Added support for quantityUnitOfMeasure and quantityToleranceType
11778	Stylesheet: Support in Numerical Index
11807	Reset ICN Sequence Number at the Assembly Level for MI Based ICNs
11816	Backfill Tool: More readable XML text display
11817	Backfill Tool: Improved log filing for committing Subtasks to database
11826	Stylesheets: Support for inline symbols
11833	EPS Previewer: Add support for quantityUnitOfMeasure and quantityToleranceType
11838	Allow LAUTHOR role ability to assign reviewer to multiple DMs
11908	Add remarks to the Complete ID Status Report
11936	Support overLengthPartNumber tag in PDF stylesheets
11959	MIL-STD-40051: Use Task/Partial Task Maintenance window to add xref to refs section
11969	Remove dash in front of CAGE Code in ID Status section

11972 Add CSIWP to MIL-STD-40051 6.5 Skeletons
11984 Stylesheets: Change Marks not appearing on landscape tables
12014 DM Release: Removed tag contents for 40051 IPB when using THA
12015 DM Release: Support Long TM Name in XREFS
12017 Fixed InternalCLL refs not being processed on referenced subtasks
12026 Stylesheets: Added xsl:comment to .fo file if the number of entries in a row is less than the number of columns
12081 PDF Builder: SVG figure and hotspots covered by black shapes
12086 Stylesheets: Format Production Management Data
12094 PDF Builder: Incorrect increment for levelledPara number
12099 Stylesheets: Handle multiple partIdentSegment in S1000D IPD
12100 Stylesheets: S1000D change marks too long on final item in levelledPara or proceduralStep
12101 Stylesheets: Change Marks not appearing on Reference table items
12102 Stylesheets: IPD long UOC getting cut off/not wrapping
12107 Add Save to text for Analyze PM Invalid DM List
12116 40051 WPNO and WPID being stripped due to latest patch
12122 Add end item setting for reset ICN sequence at assembly level
12138 Add end item setting to show DM title info in references
12211 Expand ICN Filetype Format to 9 characters in database
12279 DM Release: 40051IPB change subfigs to allow eagle users to edit
12284 ATA: Load Function Codes from Spec on Add Pagebreak window
12352 Stylesheets: Display CSN Number in Spares Section
12372 EPS Preview: Support Figure Alts
12398 PDF Builder: Add character entities for EPS text font setting request
12413 Allow user to set subfig number in blue Eagle 40051
12414 Added shorthand WPNO to beginning of figure id in 40051
12648 Modify ATA stylesheets to work with xsl version 3.0 for EPS_COMMON.xsl file
12649 PDF Builder: Bullet points and list numbers can be left behind on a page break
12665 Stylesheets: Support Figure Alts in PDF
12742 Stylesheets: Add changeMark capability at table tag level
12751 Add HyperSTE RegisterParentWindow call
12799 PDF Builder: Final List Item Overlaps Continued Paragraph Text in PDF
12800 PDF Builder: Acronym Term Parentheses Break Across Lines in PDF
12801 Stylesheets: Don't rotate table with @orient=landscape if in a foldout tag
12810 Stylesheets: Enable rowsep support at the table entry level
12813 Stylesheets: Support valign=middle in table entry tag
12839 Add a setting to XML Editor to automatically load HyperSTE if able.
12842 MIL-STD-40051: Dont add xref to refs section if it is in initial_setup
12843 BREX Validator: Fixed BREX Errors only show error came from top level BREX

Totals: 83

<u>Installation</u>

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.

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