



Agile Product Lifecycle Management

MCAD Connectors for Oracle Agile Engineering Collaboration Release Notes

V3.3.0.0

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Contact Address (for Support Services see Preface chapter):

xPLM Solution GmbH
Devrientstr. 5
D - 01067 Dresden, Germany
www.xplm.com

xPLM Solution Inc.
250 Commercial Street, Suite 520
Worcester, MA 01608 USA

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Preface

Contacting Oracle Support Services

For Oracle Agile Engineering Collaboration support contact the Oracle Global Customer Support (GCS) via www.oracle.com/support or My Oracle Support via <https://support.oracle.com>.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

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Important Notice

This release contains fixes and changes to

- Web Components
- Solid Edge binaries
- SolidWorks binaries
- Pro/Engineer binaries

Architectural Changes and Enhancements

Engineering Collaboration Services

Please check the “Oracle Agile Product Lifecycle Management - MCAD Connector Quick Install Guide” on the Oracle Software Delivery Cloud (<http://edelivery.oracle.com/>).

CAD Platform Support (16995135 - AGILE MCAD CONNECTOR SUPPORT OF SOLID EDGE ST6)

New CAD tool versions SolidWorks 2014 and Solid Edge ST6 are supported.

CAD Version	Microsoft Windows 7 (32-bit)	Microsoft Windows 7 (64-bit)
Pro/ENGINEER (PROE)		
Wildfire 5 Creo Elements/Pro	x	x
Creo 1.0	x	x
Creo 2.0	x	x
SolidWorks (SOLIDWRKS)		
2012	x	x
2013	x	x
2014	x	x
Solid Edge (SOLIDEDGE)		
ST 4 (V24)	x	x
ST 5 (V25)	x	x
ST 6 (V26)	x	x

New Features

Solid Edge Connector

17797980 - SAVE DRAWINGS THAT ARE NOT IN CAD SESSION

In SolidWorks and Solid Edge Connector the new Command “Save with Drawings” is introduced. The command collects all drawings from the local workspace that is related to the current active model in CAD or one of its assembly components.

15886377 - PULLING AGILE NUMBERS FROM INSIDE SOLID EDGE

The Save As event in Solid Edge launches the Agile PLM Save As window where PLM autonumbers can be used by the new object.

17614546 - SAVE AS PROCESS IN SOLID EDGE - WORKSPACE LOCATION RESTRICTION

In Solid Edge Save As dialog the target directory for the new file is limited to the defined Agile PLM workspace root.

17627053 - SAVE AS PROCESS IN SOLID EDGE – NEW FILES ARE SAVED IN LOWER CASE

In Solid Edge new files can be forced to be stored in upper case. The option is controlled by a connector configuration setting.

16582681 - AGILE SAVE SAVES SE FILES WITH ORIGINAL NAME REQUIRING A SUBSEQUENT DOWNLOAD AND SAVE

In SolidWorks and Solid Edge the Rename on Save feature now renames the files and replaces references before the file upload to PLM. This eliminates additional download and upload to PLM that was required to update CAD structure references during a SaveAs.

Web Components

17732730 – QUICKSAVE BUTTON IS NOT OBVIOUS

Additional save options and a chapter in the user guide explain the different behavior. This release also provides more batch save operations (QuickSave, Checkin, Increment). The QuickSave operation from 3.2 is changed to a batch operation called “Save with Defaults”.

DIRECT AGILE BATCH SAVE OPERATIONS FOR QUICKSAVE, CHECKIN, INCREMENT FROM CAD MENU, FEATURE TREE AND WORKSPACE MANAGER

In CAD new menu items are added to support quick save, Check In and Increment saves directly from the CAD menu. No Save Preview is launched and the Settings in Preferences are configured automatically. Refer to the User Guide for details on the save options.

	save CAD file	PREVIEW	Create Viewables	Check In	Publish
Save Preview	YES	YES	as set in pref	as set in pref	as set in pref
Save with defaults	YES	NO	as set in pref	as set in pref	as set in pref
Quicksave	YES	NO	NO	NO	NO
Checkin	YES	NO	as set in pref	Always	as set in pref
Increment	YES	NO	as set in pref	Always	as set in pref

Customers may choose to remove some save options.

- SolidWorks menu items are controlled in the file \components\xml\XPlmSWAgileAddin.xml.
- Comment out or delete lines in XPlmSWAgileAddin.xml that you do not want to display in the menu.


```

<Part>
  <menu type = "1" text = "&Agile" position= "3" />
  <menuitem type = "1" text = "Search&Agile" position = "-1" callback =
  <menuitem type = "1" text = "Workspace Manager&Agile" position = "-1" callback = "agilePLM3"
  <menuitem type = "1" text = "Create&Agile" position = "-1" callback = "agilePLM18"
  <menuitem type = "1" text = "Save...&Agile" position = "-1" callback =
  <menuitem type = "1" text = "Save&Agile" position = "-1" callback =
  <menuitem type = "1" text = "Save configurations&Agile" position = "-1" callback = "ag
  <menuitem type = "1" text = "Save session&Agile" position = "-1" callback = "agile
  <menuitem type = "1" text = "Show Agile Form&Agile" position = "-1" callback = "agilePLM6"
  <menuitem type = "1" text = "Check Out&Agile" position = "-1" callback = "agilePLM16"
  <menuitem type = "1" text = "Cancel Check Out&Agile" position = "-1" callback = "agilePLM17"
  <menuitem type = "1" text = "Update Properties&Agile" position = "-1" callback = "agilePLM7"
  <menuitem type = "1" text = "Disconnect Session&Agile" position = "-1" callback = "agilePLM19"
  <menuitem type = "1" text = "Preferences&Agile" position = "-1" callback = "agilePLM1" er
  <menuitem type = "1" text = "About&Agile" position = "-1" callback = "agilePLM20"
  <popupitem type = "1" text = "Agile&Agile;Show Agile Form" position = "-1" callback = "agilePLM21" enablemethod =
  <popupitem type = "1" text = "Agile&Agile;Check Out" position = "-1" callback = "agilePLM22"
  <popupitem type = "1" text = "Agile&Agile;Cancel Check Out" position = "-1" callback = "agilePLM23"
  <popupitem type = "1" text = "Agile&Agile;Check In" position = "-1" callback = "agilePLM24"
</Part>

```

SolidWorks Menu Configuration

- Creo / ProE menu items are controlled in the file xacp\english\text\acpmenu.txt
- Comment out or delete lines in acpmenu.txt that you do not want to display in the menu

```

ec-solution-mapping-config.xml | ec-solution-mapping-config.xml | XPlmSWAgileAddin.xml | SWTransferRequest_9000005561168772FTKH
16 #
17 ECPMAIN_Entry1009
18 Create
19 #
20 #
21 ECPMAIN_Help1009
22 Create from Agile template
23 #
24 #
25 ECPMAIN_Entry1011
26 Workspace Manager
27 #
28 #
29 ECPMAIN_Help1011
30 Workspace dialog
31 #
32 #
33 ECPMAIN_Entry1000
34 Save ...
35 #
36 #
37 ECPMAIN_Help1000
38 Save and Checkin current object (with structure) to Agile with Save-Preview
39 #
40 #

```

Creo / ProE Menu Configuration

Solved Bugs

Pro/E Connector

17516775 - ADD TO ASSEMBLY FROM WORKSPACE DOES NOT WORK FOR CREO 2.0

CAD version specific update in used Pro/E mapkeys provided for Creo 2.0.

Solid Edge

16939267 - SAVE AS OF ENTIRE CAD STRUCTURE IS SLOW

In SolidWorks and Solid Edge the Rename on Save feature is renaming the files and replaces references before the file is uploaded to PLM. This eliminates additional download and upload to PLM to update CAD structure references on a saveas. Additional performance optimization and multithreading support also improves performance.

17812306 – RENAME ON LOAD DOESN'T WORK FOR MIGRATED DATA

In Solid Edge the Rename on Load feature is extended to handle special cases in metadata of migrated data.

Web Components

17663654 - MCAD 3.1.02 /9.3.1.2 - PERFORMANCE ISSUES

EC Services and MCAD Web Components are optimized to improve performance and support multithreading. Additional Indexes are added to the database.

17646328 - DESIGN-ITEM RELATIONSHIPS COMMONLY BREAK WHEN SAVING TO AGILE PLM FROM MCAD CONNECTOR

EC Services and MCAD Web Components check the Relationships Ident for CAX-ITEM to insure the correct Item is selected

17804247 – AGILE WIPES OUT ITEM PROPERTY ATTRIBUTE VALUES

EC Services is fixed to populate Item Page 3 attributes.

17764139 – IMPLEMENTED CHANGE ORDERS ARE NOT DISCOVERED BY THE CONNECTOR

MCAD Web Components is modified to read and display the current change if no pending change exists.

17764139 - THE FILES ARE UPDATED AFTER CLOSING THE UPDATE FILE WARNING MESSAGE WINDOW

Cache Handling is improved in MCAD Web Components.

17574587 - SAVE OF TOP ASSEMBLY FILE ONLY SAVES TOO MUCH AND IS TOO SLOW

Performance Improvements and new batch save and single select save options are added to the CAD connectors and MCAD Web Components.

17567956 - WORKSPACE MANAGER REFRESH IS NOT PULLING CORRECT DATA FROM AGILE

Update for retrieving latest Item and checkout user data from PLM.

17516822 - INSERT COMPONENT IN LOAD PREVIEW DOES NOT WORK FOR CREO 2.0

CAD version specific update in used Pro/E mapkeys provided for Creo 2.0.

17516630 - CANCEL CHECKOUT OF ONE USER MARKS OBJECT AS NEW FOR OTHER USER

MCAD Web Components fix to retrieve the object without specified Design version in case the Design is not found with the cached version.

17512132 - CANNOT SEARCH A DOCUMENT EVEN IF A DRAWING TEMPLATE IS SELECTED FOR THE CREATE

MCAD Web Components fix to search with Base Class Items instead of Parts.

17503006 - CONNECTOR DOES NOT CREATE DOCUMENT ITEM FOR DFT FILE WITH NO LINKED MODEL

MCAD Web Components fix for Model dependency detection in Web Components.

17477836 - ISSUE WITH EC CONNECTOR 303 - BROKEN RESPONSE FROM SERVER

Timeout issues are addressed with SQL indexes and EC Services performance optimization.

17188193 - WORKSPACE RIGHT-CLICK REMOVE VIEWABLES OPTION DOES NOT WORK

MCAD Web Components add configuration switch in CAXConfig.xml to specify extensions that are removed with this command.

17535667 – EC LOAD PREVIEW DOESN'T DISPLAY LATEST RELEASED VERSION

EC Services fix to check the file assignment to Items and extract the latest released version by load option. Note that publish of attachments is important in order to get this feature to work properly. Otherwise the “As Saved” option will apply to the components.

17516562 - ERROR MESSAGE TOO LARGE FOR UPDATING MODIFIED FILES AND BLOCKS CAD

Error message dialog now features a scrollable text do be able to read the whole error message.