



Release Notes

EDACONnect-Dashboard V3.4.0

Oracle Part Number: E61760-02



Copyright © Perception Software 2015

**Perception Software Company Confidential
Copyright © 2015 Perception Software
All Rights Reserved**

This document contains information that is confidential and proprietary to Perception Software, Inc. This information is supplied for identification, maintenance, evaluation, engineering, and inspection purposes only, and shall not be duplicated or disclosed without prior written permission from an authorized representative of Perception Software. This document and any other confidential information shall not be released to any third party without a valid non-disclosure agreement signed by the third party and an authorized Perception Software representative. In accepting this document, the recipient agrees to make every reasonable effort to prevent the unauthorized use of this information.

EDAConnect-Dashboard Version: 3.4.0
March, 2015

Introduction

This document describes enhancements and new features in the current release of EDAConnect Dashboard.

EDAConnect Dashboard 3.4.0 contains new features and enhancements including:

- Create Design Numbers wizard
 - This new wizard allows to pull a set of Agile part numbers for your ECAD Product record before you start your ECAD design.
- Checkout Project Wizard Updates
 - You can now specify a template when using the Checkout Project wizard. With this update you can execute some event based scripting during Checkout.
 - A new Change Order page has been added to the Checkout Project – Update Existing wizard.
- Template Editor Updates
 - Additional Global Events available.
 - `#{VARIANT}` variable available for Altium variant processing
- Connector Updates
 - New ECAD Tool Versions :
 - Altium 2015
 - Agile Versions:
 - 9.3.3, 9.3.4
- Samples
 - Within the configuration folder this is now a Templates folder which contain a sample template for your ECAD tool as well as CSV BOM template that allows you to upload a generic CSV BOM
 - Within the configuration folder this is now a Scripts folder that provides sample scripting. Each script includes comments on functionality and can be executed with the sample templates.

Create Design Numbers



Create Design Numbers

Create a set of Design Structure Part Numbers.

This module allows the user to create a set of BOM Structure part numbers before a schematic design is created. You can pull a set of Agile part numbers early on and save the data to a metadata file in a local project workspace.

► Main Page – Project Name and Location

Design Structure Numbers Wizard - EDACONnect

Main Page
Configure ECAD project

Design Information

Name : design1_revb

Location : C:\New_Projects\Design1_REV_B

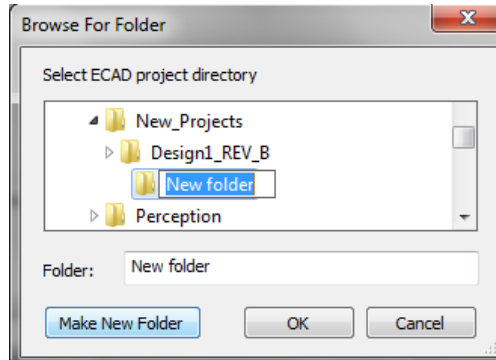
Template : Release OrCAD Data to Agile

Update attributes in PLM?

Connected to PLM as admin@agile934dev.perceptionsoftware.com.

This first page a Name for the new ECAD project. This would equate to the project name for the schematic design.

Click the **Browse** button to the right of the *Location* field to navigate to a system folder that will be the local workspace for this project. Use the **Make New Folder** button to create a new folder. The project Location folder must exist before you advance the wizard.

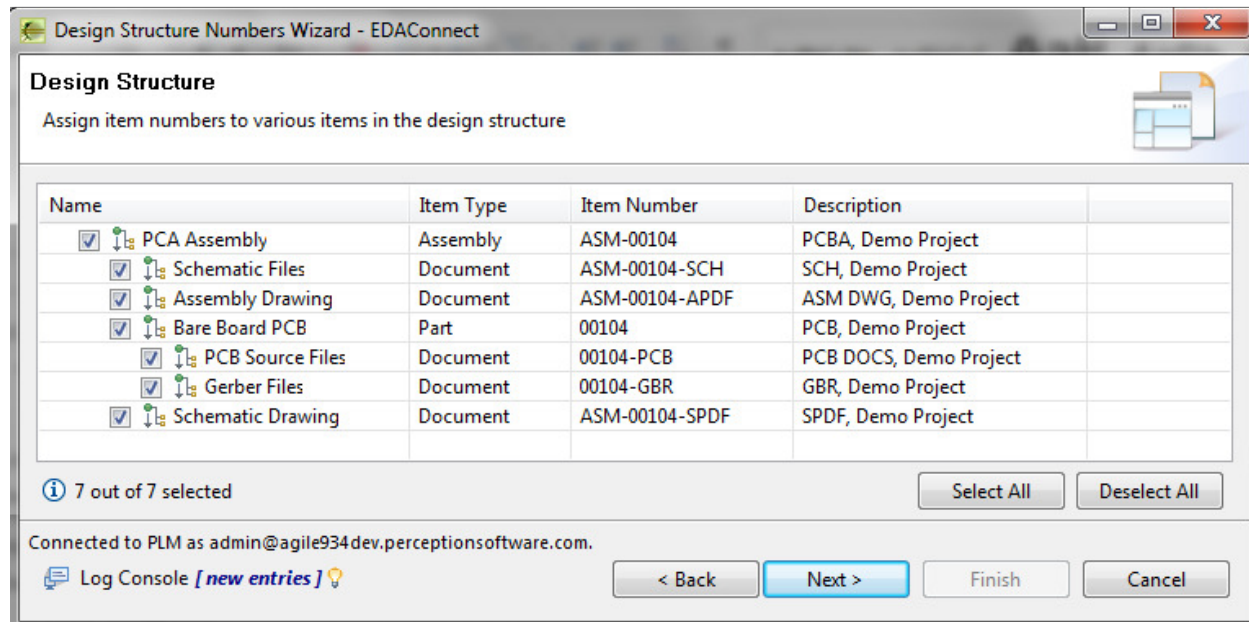


Click the **Browse** button to the right of the *Template* field to select a template to guide the creation of the design parts numbers and the BOM structure.

Optionally you can check the box **to Update Attributes in PLM** related to these new part numbers.

Click **Next** to advance the wizard.

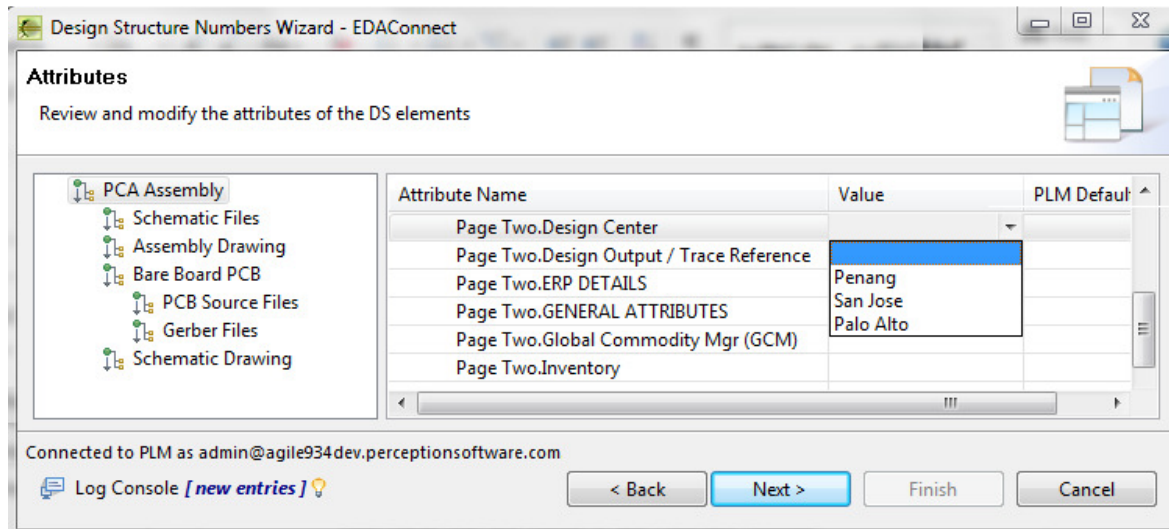
► Design Structure Page



This page has the same functionality as the Design Structure page in the Checkin Design wizard. This is defined on page 31.

Click **Next** to advance the wizard. The Item Numbers specified in the Design Structure page will be created at this point.

► Attributes Page

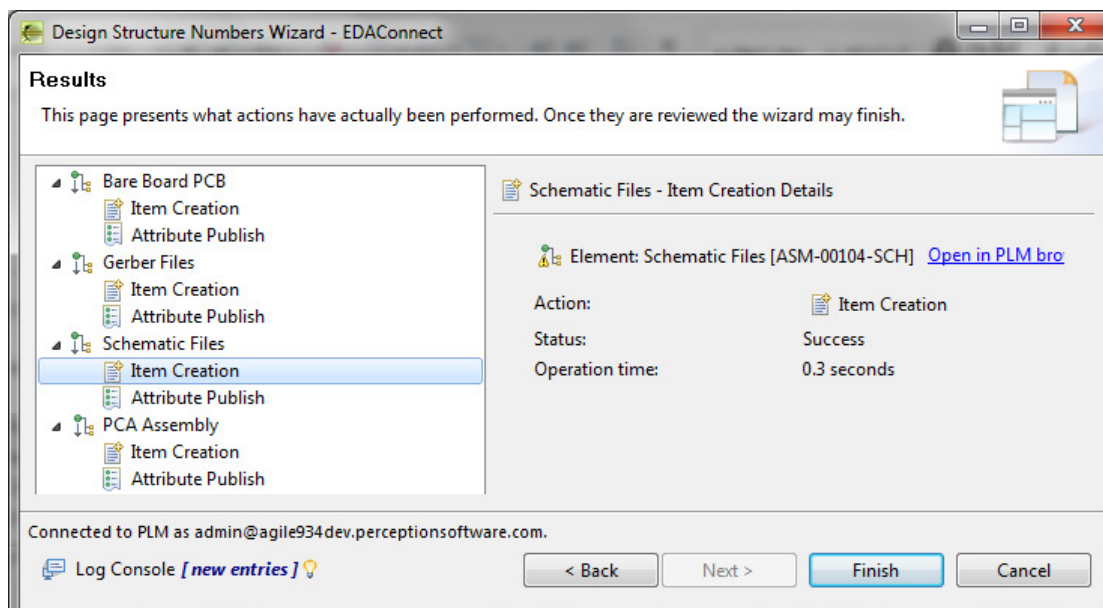


If you opted to update attributes you will be presented with the Attributes page. All of the Design Structure items will be listed on the left. You can select one of those items and the right panel will update with Title Block, Page Two, and Page Three attributes for this item.

With scripting you can reduce the number of attributes presented and default some values.

Click **Next** to advance the wizard.

► Results Page



The Results page is presented after the wizard actions are completed. The action include Item Creation and optionally an Attribute Publish. Click on each action to show details on the right panel. This panel also provides a hyperlink that allows you to open up the Agile web client and view this items.

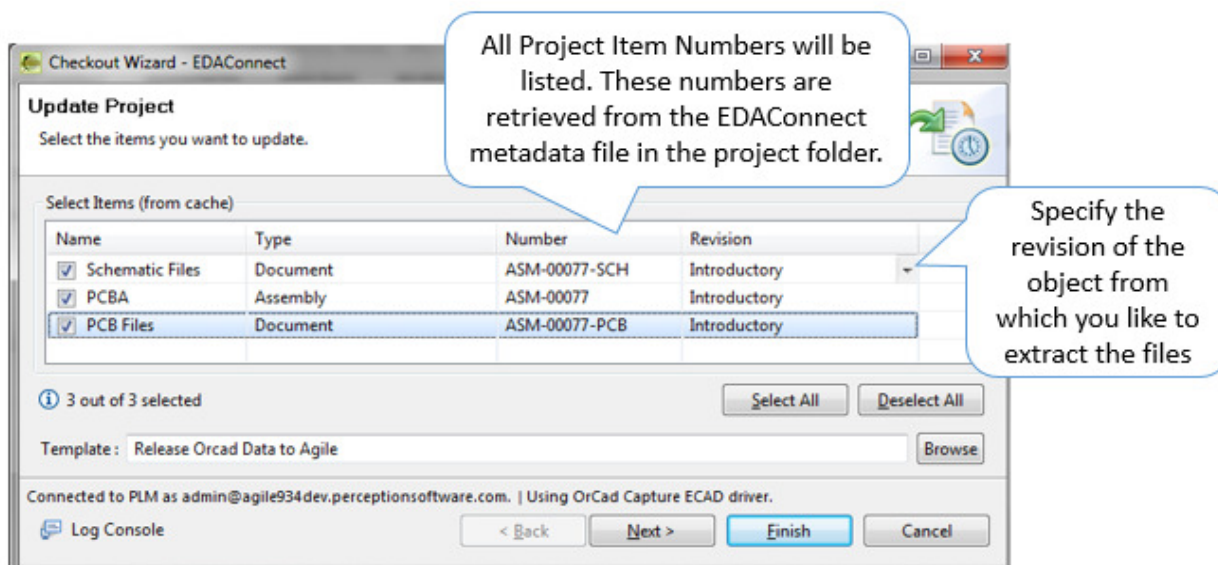
Click **Finish** to close the wizard.

Checkout Project Wizard Updates

► Update Project Page

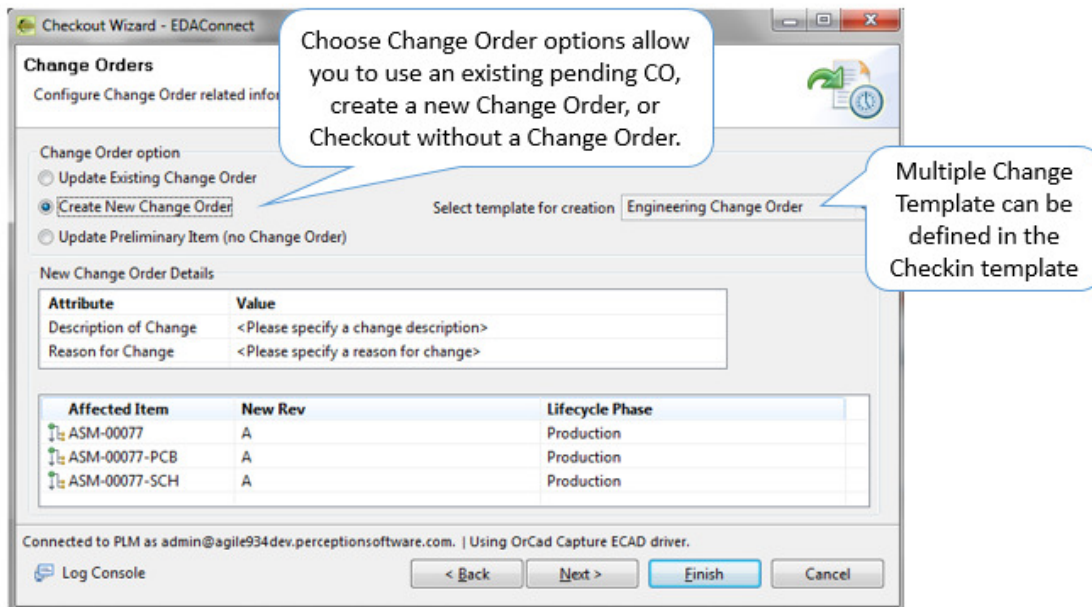
The Change Order details has been removed from the Update Project page of the Checkout Project – Update Current Project option.

There is now a **Template** field where you can specify a template to be used for advanced customization.



► Change Orders Page

A new page has been added to the wizard. This allows you to create a new change order at the time of design data checkout. This new page has the same functionality as the Change Orders page in the Checkin Design Wizard.

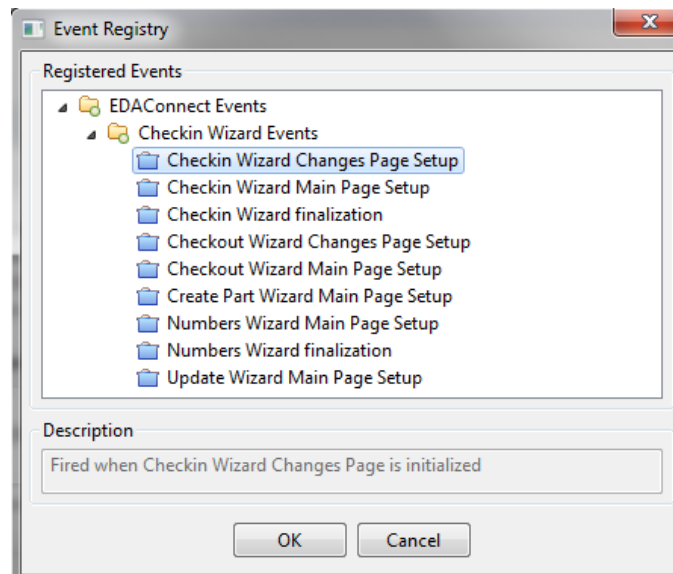


Template Editor Updates

► Global Events

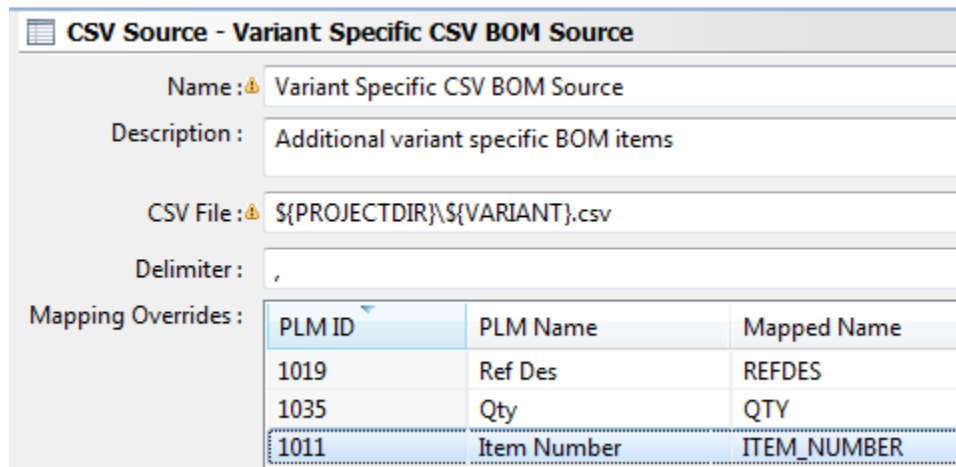
There are now additional execution events available for defining Global Events. There is now a finalization event available for the Create Design Numbers wizard. This is executed after all tasks covered by that wizard.

There are also now events that allow you to execute a script when the Create Design Numbers wizard is launched and when the Update Current Project option of the Checkout Project wizard is executed.



► Variant Variable

A new variable, `${VARIANT}`, can be used when setting up a CSV BOM source. The variable represent the Altium variant name.



The variable can also be used when defining a Directory File Source.

Directory Source - CSV File

Name : CSV File

Description : Variant Specific CSV File

Enabled? :

Zip File :

Directory : \${PROJECTDIR}

Recurse? :

File Filters :

Enabled	Required	Type	Expression
<input checked="" type="checkbox"/>	No	wildcard	\${VARIANT}.csv

Change Template - Engineering Change Order

Name : Engineering Change Order

Description : Change Order to Advance revision and lifecycle

Change Type : ECO

Auto Number Source : ECO Number

Change Description : <Please Specify Description>

Reason for Change : <Please Specify Reason for Change>

Workflow : Default Change Orders

Attributes :

PLM ID	PLM Name	Value	Ask	F
1099	Change Analyst	Admin Administrator	<input checked="" type="checkbox"/>	
1060	Change Category		<input checked="" type="checkbox"/>	

Add Attribute
Remove Attribute

Affected Item Attributes :

PLM ID	PLM Name	Value	Ask
1056	New Rev		<input checked="" type="checkbox"/>
1057	Lifecycle Phase		<input checked="" type="checkbox"/>

Save Cancel Defaults ...