

Engineering Collaboration

Connecting ECAD to Agile PLM

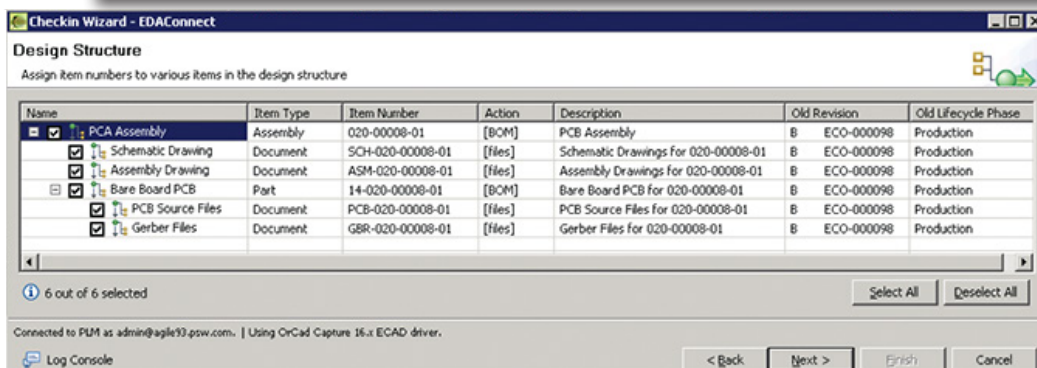
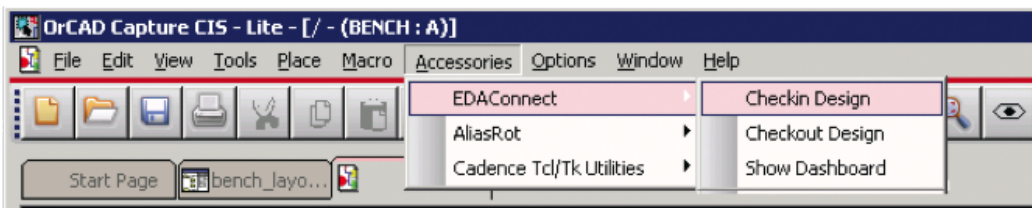
Engineers must have direct access to the benefits of PLM without adversely impacting their daily workflow and creative process. EDACONnect Dashboard and EDACONnect LibSync are the connectors enabling the tight integration between the enterprise and ECAD within the Oracle Agile PLM "Engineering Collaboration" module. The ECAD connectors (Dashboard and LibSync) from Perception Software, sold by the Oracle Agile Sales Team are described below.

EDACONnect Dashboard provides the engineer with an ECAD view of PLM and access to useful PLM information at the point of decision. Engineers receive accurate part information, the ability to do real time BOM analysis and intuitive access to design data.

EDACONnect addresses BOM management in two ways. First, by providing direct integration with the ECAD tools, EDACONnect can extract a current parts-list from the ECAD design. This information is then published to PLM while still enabling business and engineering rules. Secondly, by fully integrating the ECO process and automating BOM redline operations, EDACONnect makes publishing the BOM to enterprise transparent to the engineer. This provides the enterprise with access to the current cost, manufacturability, availability and compliance of the product.

Key Features

- Supports Mentor Graphics, Cadence, and Altium ECAD tool flows
- Intuitive user interface optimized for the engineer, which provides a view of critical PLM functionality
- Part database synchronization provides the current enterprise data to the engineer for part selection
- Standard design data management functions: check-in, check-out and change order processing
- BOM extraction and comparison to preview changes before publishing the BOM to the enterprise



Launch task-based wizards directly from EDA application.

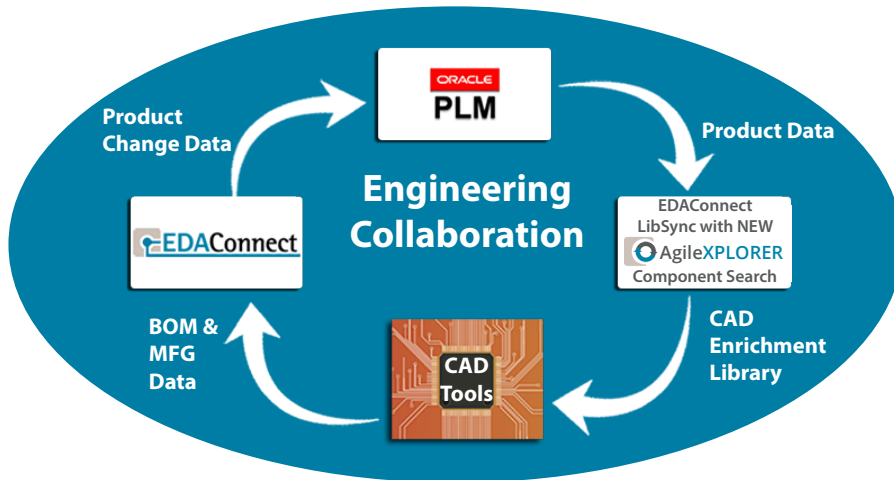
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Navigating and Directing Product Data

EDACONNECT LibSync allows engineering to maintain full control of the libraries while establishing a direct flow of part metadata from Agile PLM to the ECAD domain. EDACONNECT provides a graphical interface that the administrators use to define 1) multiple mappings and 2) the push of this data to the CAD library. The ECAD tools may present this information pushed to the CAD library for part selection. EDACONNECT LibSync is compatible with common ECAD Library and component information systems from Cadence, Altium and Mentor Graphics.

NEW High Performance Engineering Component Search

The latest LibSync offering contains Component Search for Oracle's "Engineering Collaboration" module. The capability is called AgileXPLOER, which offers high-performance search with extended capabilities such as guided navigation and parametric search. There is an easy data connection to your Agile PLM system and a granular view of your product data. Take a look how AgileXPLOER fits into the Engineering Collaboration loop. Engineers and product decision makers alike now can make better, faster product decisions.



LibSync Add-on Modules



Data Connector for Agile PLM Product Collaboration

In addition to parts, search BOMS, change orders and documents



New Part Request add on Module for Agile PLM

Automate and reuse your search queries for new part request



3rd Party Data Connectors

From content providers like IHS & Silicon Expert, [connect](#) to what is right for you.

*See your authorized Reseller/System Integrator for details and pricing

System Requirements

Platform Agile 9

Windows 7,
Windows Vista,
Windows XP,
Solaris and Red
Hat Linux

Mentor Graphics
Expedition DA/BA
PADS DxDesigner
DxDatabook

Cadence Allegro
ConceptHDL /
Capture
Orcad/CIS

Altium Designer

Component Search
Supported
Browsers: IE,
Chrome, Firefox

Perception Software
512-593-6996
www.perceptionsoftware.com