



EDACONnect™

## Universal EDA to PLM integration

There's no question that sharing information between ECAD and PLM can be beneficial for both design engineers and product lifecycle managers. The question is how to enable effective collaboration between them without adding unnecessarily to engineering overhead.

### EDACONnect is a single application that delivers:

- Product Data Part Search
  - Find component and product data quickly
- EDA Library Data Enrichment
  - Synchronize attribute data from PLM to enrich your EDA library
- Integration with PLM systems
  - Single Click publish BOM to PLM
- Embedded menu in EDA tool.

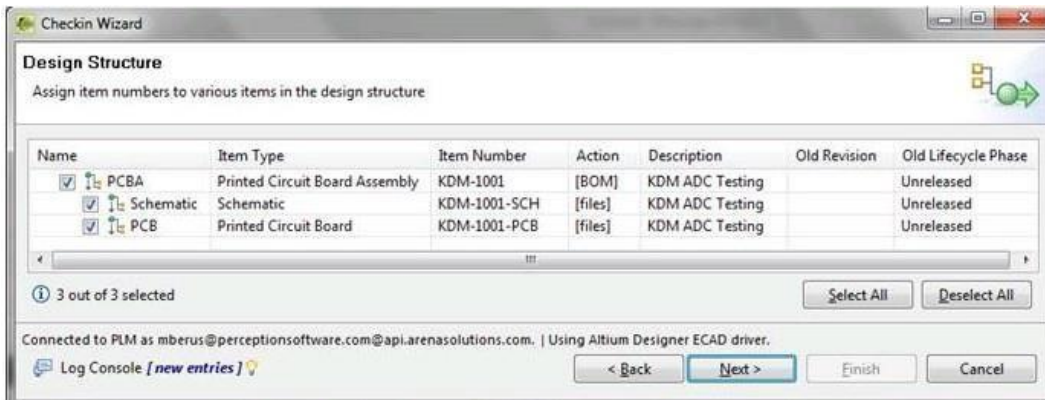
EDACONnect supports multiple versions of EDA Tools from Altium, Cadence and Mentor Graphics with PLM applications from Oracle/Agile, and Arena

### Enabling effective release of design data to PLM

EDACONnect automates the process of publishing ECAD design information to PLM, making the process efficient and consistent. It literally takes a single click for engineering to provide the design intelligence needed to drive informed decisions relating to procurement, supply chain management, change management and other key areas throughout the product lifecycle.

### Delivering timely, accurate design information for PLM purposes

Before EDACONnect, the only way ECAD information ever made its way to PLM was if engineering sent it to a document control specialist to organize it appropriately and submit it. EDACONnect automates the process to eliminate that step, ensuring the accuracy of design information and its timely delivery.



### Key Features

Supports Altium, Cadence, and Mentor Graphics

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

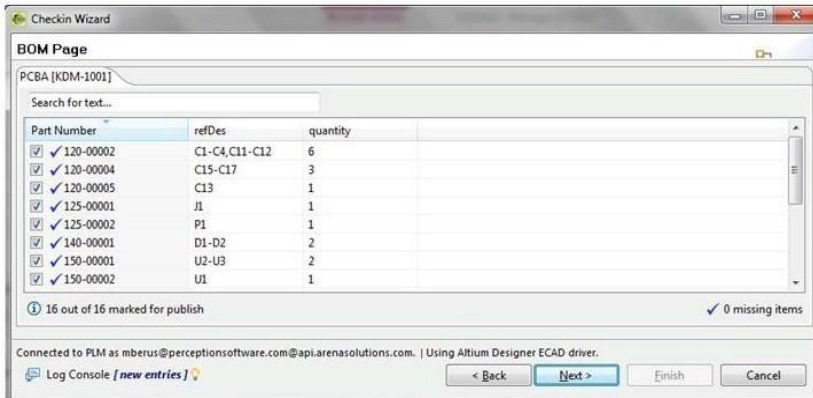
BOM extraction and comparison to preview changes before publishing the BOM to the enterprise

## Enabling effective BOM management

BOM information is critical to managing the success of a new product. Without current, accurate BOM information driving the PLM system, it's impossible to make optimal purchasing and other choices. EDAConnect provides direct integration with the ECAD design environments to extract relevant data that will enable collaboration, increase visibility and drive better product decisions.

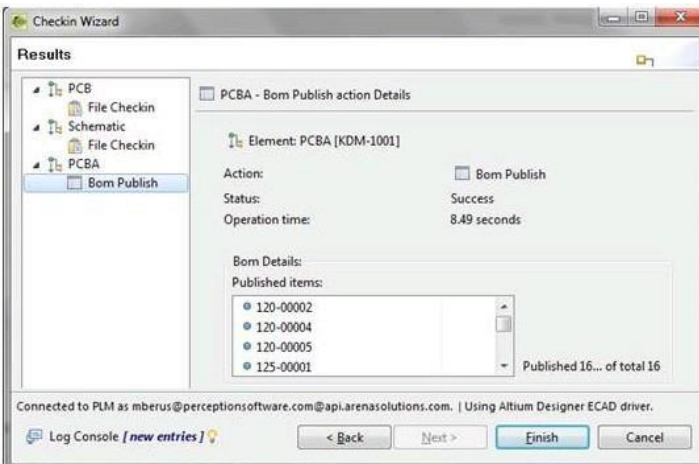
## Automating change management for engineering

EDAConnect automates the creation of engineering change orders, automatically populating the affected items, BOM redlines and updated attachments. This enables timely, consistent and complete execution of the PLM change management process.



## Providing up-to-date enterprise data for engineering

EDAConnect enriches the ECAD library with critical enterprise data in key areas such as cost, risk and availability. This enables design engineers to make better part selections from within the ECAD tools, reducing costly rework later in the development process.



## Supported EDA Tools

Altium, Mentor Graphics, Cadence

## Supported PLM Applications

Oracle/Agile, and Arena

System  
Requirements

PLM System:  
Oracle/Agile, Arena

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](http://www.perceptionsoftware.com)