The background of the top section is a dark, isometric view of a printed circuit board (PCB) with various components and traces.

EDAConnect for Arena

Enabling Collaboration Across Entire Product Team

OVERVIEW

When bringing a new product to market, product team collaboration throughout the product lifecycle improves quality, shortens cycle times, and reduces costs. Arena Solutions has partnered with Perception, an Altium company, to integrate Altium Designer with Arena's product development platform, enabling collaboration on design data and product processes while minimizing engineering overhead.

THE PROBLEM

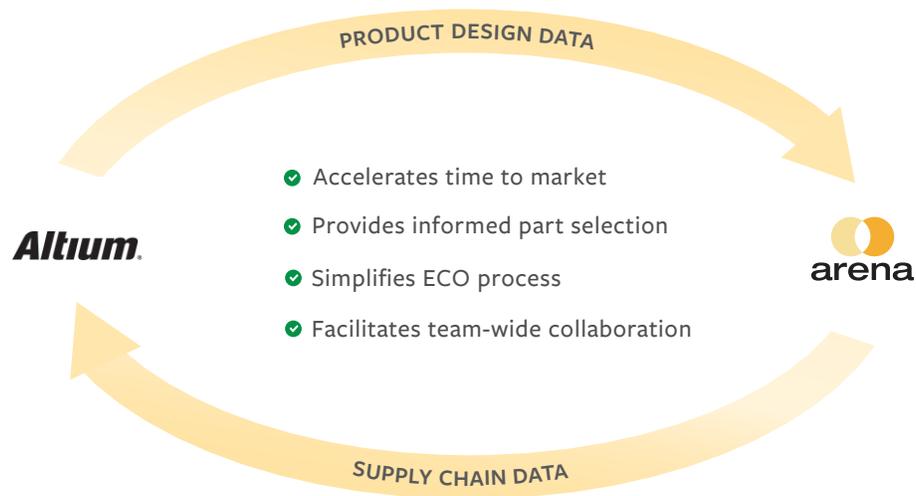
Creating quality products in this fast-paced world isn't easy. Bringing new products to market requires tight collaboration with product data. Today, to select optimal components for a design, the designer must leave the Altium environment to search and capture component supply chain data from Arena. To facilitate collaboration with purchasing, manufacturing, and the rest of the development team, the designer must manually import designs into Arena. Without an integration, this process slows cycle times, increases labor, and may introduce errors early in the development cycle.

THE SOLUTION

Design teams can access and publish information between Altium and Arena without leaving Altium Designer. EDAConnect enables sharing part, file, and bill of materials (BOM) information between Altium and Arena. With this integration, designers have access to the latest part master record in Arena, and the EDA Library is updated with component part information from Arena. Once designers complete their designs, EDAConnect enables publishing BOMs, along with supporting schematics, layouts, and manufacturing files.

KEY BENEFITS

- Accelerates time to market by compressing the development cycle
- Provides informed part selection with supply chain information in the Altium EDA library
- Improves product team collaboration by sharing the latest part, BOM, schematic, and layout information to Arena



ACCELERATED, ACCURATE DESIGN INFORMATION TO ARENA

EDAConnect streamlines the process of publishing EDA information to Arena, which provides a more accurate and efficient product design and development process. Engineering teams can easily share design information to drive informed decisions relating to procurement, supply chain management, change management, and other key new product introduction (NPI) processes.

INCREASED DESIGN VISIBILITY FOR THE ENTIRE PRODUCT TEAM

The entire product team—from engineering to procurement—and the extended supply chain requires access

to current part, BOM, and schematic information. With accurate product information accessible in Arena by teams outside of engineering, all impacted team members can make optimal quality, planning, purchasing, and production related decisions. EDAConnect enables better collaboration, increased visibility, and better product release decisions.

SUPPLY CHAIN INFORMATION FOR ENGINEERING

Critical supply chain data available in Arena enriches the Altium library. Design engineers can make more informed part selections from within Altium, reducing costly redesign later in the development process.

ABOUT ARENA SOLUTIONS

Arena Solutions helps innovative electronic high tech and medical device companies create products that change the world. The Arena product realization platform unifies PLM, QMS, and ALM, allowing every participant throughout the product design and manufacturing process to work together. With Arena, teams accelerate product development and delivery to increase profits. For more information, visit ArenaSolutions.com.

ABOUT ALTIUM

Altium Limited is a multinational software corporation headquartered in San Diego, California, that focuses on electronics design systems for 3D PCB design and embedded system development. Altium products are found everywhere from world leading electronic design teams to the grassroots electronic design community. Products provided are Altium Designer®, Altium Vault®, CircuitStudio®, PCBWorks®, CircuitMaker®, Octopart®, Ciiva® and the TASKING® range of embedded software compilers. For more information, visit www.altium.com