



ERP Exchange

Simplified Product Record Integration with Any ERP System

Overview

Creating quality products in this fast-paced world isn't easy. Your product processes involve multiple teams, locations, partners, suppliers, and vendors. These dispersed teams must work from the same design, stay on budget, and respond to customer demands. You want to deliver better products, faster and easier. And you want to create innovative solutions to change the world.

Innovative product companies use Arena to drive their product development processes through the entire product lifecycle. And they leverage an enterprise resource planning system (ERP) to plan and execute manufacturing processes to deliver innovative products to market. When these systems are integrated, operations teams can be confident they are using the latest released bill of materials (BOMs) item master, approved manufacturers list (AML), and supporting documentation to procure, manufacture, and ship high quality products to customers. ERP Exchange is a critical piece of ERP integrations with Arena. The complete solution accelerates new product introduction (NPI) while reducing expenses, increasing profitability, and speeding time to market.



How It Works

ERP Exchange works with an ERP-specific adapter to automate the transfer of released product record information from Arena to your ERP system.

- Arena ERP Exchange is configured and scheduled to extract product record information (e.g., BOM, ECO, item master, and AML) when a change is released.
- ERP Exchange packages the affected product record into a PDX package (XML format) and notifies the Arena PLM Integration Monitor that the changed data has been transferred.
- The ERP-specific adapter receives the PDX package, validates, and updates it in your ERP system.

Capabilities	What Arena ERP Exchange Does
✓ Integration Without Intervention	<ul style="list-style-type: none"> • ERP Exchange, coupled with an ERP-specific adapter, transfers product record information automatically. • All data files for every product are processed sequentially, and validated prior to transfer.
✓ Operations Support	<ul style="list-style-type: none"> • The integration supports future effectivity and materials disposition per item.
✓ Integration Setup	<ul style="list-style-type: none"> • Designed for easy configuration and troubleshooting. No coding is needed.
✓ Integration Without Intervention	<ul style="list-style-type: none"> • Monitor change and product record transfer success and failure through the Arena dashboard. • The solution monitors status and sends alerts to a designated administrator on error. Then the administrator can fix the error and reprocess updates without corrupting the ERP system.

Start Using ERP Exchange Today

Connect Arena with your ERP system to ensure that operations is using the latest BOM, AML, and supporting product information for planning and procurement. Eliminate manual data entry to accelerate new product introduction (NPI) while reducing expenses, increasing profitability, and speeding time to market. Don't wait any longer.

To get started integrating Arena with your ERP system, contact us today.

Time to Market

- Accelerates the time to ramp up to full production
- Streamlines the transfer of product record information to ERP
- Supports both new releases and revisions of item, BOM, and AML information

Cost & Error Reduction

- Ensures financial and inventory decisions are based on the most current product information
- Maintains complete and accurate revision control
- Eliminates errors and inefficiencies associated with manual data entry, allowing impacted business users to focus on more strategic core competencies

Flexibility

- Facilitates both manual and automated updates
- Supports ERP-specific adapter requirements with simplified troubleshooting and configuration
- Enables rapid deployment during or after ERP system is implemented
- Extracts and transfers custom properties and future effectivities

Standardization and Error Management

- Standardizes product record creation processes in ERP
- Enables monitoring and resolution of errors when needed without corrupting the ERP System

Visibility

- Provides visibility of item, BOM, and AML transfers from Arena to ERP through continuous monitoring and error alerts

Confidence

- Ensures your operations team always has access to the latest product design information
- Includes ongoing customer support