

Arena-SAP Business ByDesign Integration

Accurate Product Information for Accurate Business Decisions



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 rely on Arena to help deliver better products, quickly and easily. They also leverage SAP® Business ByDesign® to drive effective manufacturing planning and execution processes. Both systems complement each other by managing product data including complex bills of materials (BOMs), engineering change orders (ECOs), and product revisions. While Arena manages the product record throughout the new product development process, Business ByDesign uses the same information to procure, manufacture, and ship high quality products to market on time and within budget.

Delivered by ERP Logic, the Arena-SAP Business ByDesign Integration provides confidence that your ERP information is always up to date—saving time, improving efficiency, and reducing the likelihood of costly errors.

HOW IT WORKS

The Arena-SAP Business ByDesign Integration automates the process of transferring new or updated product record information from Arena to Business ByDesign, avoiding errors while ensuring that Business ByDesign is up to date.

- Arena ERP Exchange is configured and scheduled to export product record information (BOM, ECO, item master, and AML) when an ECO is released
- ERP Exchange transfers product record into a PDX package (XML format)
- The Arena-SAP Business ByDesign adapter receives the PDX package, validates, and updates it in Business ByDesign

BENEFITS

✓ Time to Market

- Speeds new products and features to market with improved accuracy
- Enables real-time collaboration with secure access for your trusted suppliers and contract manufacturers

✓ Cost and Error Reduction

- Ensures financial and inventory decisions are based on the most current product information
- Maintains complete and accurate revision control

✓ Flexibility

- Adjusts the frequency of updates from Arena to Business ByDesign to meet your teams' needs

✓ Error Management

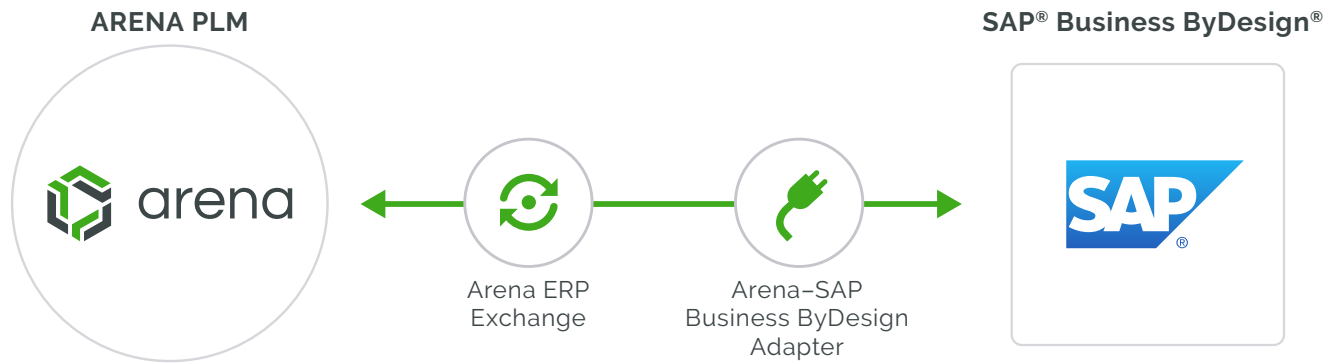
- Provides immediate notification of changes and errors through email
- Logs an audit trail for successful transfer of data allowing errors to be corrected and resubmitted efficiently
- Keeps product record data consistent between PLM and ERP

✓ Standardization

- Standardizes product record creation processes from concept to production via consistent validation to the product data
- Centralizes your bills of materials (BOMs) to ensure all stakeholders are collaborating around the latest version of your product record

✓ Security

- Encrypts product record information transmitted between systems



CAPABILITIES

Integration Without Intervention

When a product is released in Arena, the integration is configured to transfer the data automatically without user intervention. This eliminates delays and errors in data synchronization between Arena and Business ByDesign.

All the data files for every product are processed sequentially leveraging the built-in data validations to ensure information is transferred accurately and completely.

Standardized Data Mapping

Custom mapping controls precisely how information flows between BOMControl and Business ByDesign. Product record data in Arena is mapped to the appropriate attributes in Business ByDesign.

Validation, Audit Trail, and Error Management

- Validates your change data and imports it into the correct tables
- Provides an audit trail for success and failure, allowing product data and change order errors to be corrected and resubmitted efficiently

ABOUT ARENA

Arena, a PTC Business, helps companies create innovative products that change the world. Arena unifies product lifecycle management (PLM) and quality management system (QMS) processes, allowing every participant throughout product development and commercialization to work together fast and effectively. With Arena, dispersed teams accelerate the design and delivery of quality products. For more information, visit [Arena, a PTC Business](#).

ABOUT ERP LOGIC

ERP Logic is a global SAP cloud-based solutions company. We provide software, implementation, and application services on a global and local scale. We provide customers end-to-end process management within and between organizations to perform like one company globally. We also help companies adapt and respond to changes in their business environment to accelerate operational efficiencies. Unlike other SAP resellers and implementation partners, we focus on the Cloud. Our company has the largest team of SAP Business ByDesign certified consultants worldwide, has deep knowledge of global processes, and has over 25 developers devoted to leveraging SAP Business ByDesign innovations with solution extensions. For more information, please visit [erpllogic.com](#).