

# Arena Sage100 Bridge

Accelerate Requirements Planning and Eliminate Unnecessary Product Costs and Risks With Seamless Integration Between Arena and Sage100

## OVERVIEW

Creating quality products in the fast-paced world isn't easy. You need solutions that eliminate infrastructure barriers for sharing product information, exchanging ideas, and implementing changes during the entire product lifecycle. With Arena and Sage100, your team has the product development process, materials requirements planning, and financial inventory accounting necessary to design, produce, and ship product today and be ready for tomorrow.

The Arena–Sage100 Bridge enabled by MERP System's integration expertise, ensures a seamless transfer of the critical shared product record elements. Arena manages the creation and updates to the item masters, complex bills of materials (BOMs), and vendor relationships during development processes, and Sage100 utilizes this same information to procure, manufacture, and ship high quality products on time and within budget. The Integration provides the automated flow of this product data to Sage100 after change process approvals in Arena. With easy configuration, these critical business systems are connected, risks reduced, and product information is up to date for all the teams.

## HOW IT WORKS

The Arena–Sage100 Bridge automates the process of transferring new and updated product record data from Arena to Sage100, ensuring a single source of product truth across systems and avoiding manual entry risks.

- Arena's ERP Exchange is configured and scheduled to export data upon change release
- When change release occurs, ERP Exchange transfers product data into a PDX (XML format) package
- MERP System's Sage100 Bridge receives the PDX package and processes it into Sage100 after proper translations, validations, and application of business rules

## BENEFITS

- ✔ **Increase Productivity**
  - Accelerates materials requirements planning (MRP) with rapid design to production updates and always-accurate product record
- ✔ **Cost and Error Reduction**
  - Eliminates costly, manual data entry errors and allows valuable team members to focus on their core competencies
  - Ensures single version of product record by seamlessly integrating Arena and Sage100
- ✔ **Flexibility**
  - Supports both automated scheduled and on-demand data transfers
  - Performs any necessary data transformations on Arena data to match your Sage100 configuration
- ✔ **Error Management**
  - Automates monitoring and alert notifications for processing errors
  - Provides easy review of errors and reprocessing of data upon resolution
- ✔ **Standardization**
  - Standardizes data creation and configuration processes from concept to production with consistent business rules

## Transformation Layer



## Sage100 Interfaces



## CAPABILITIES

### Impacted Product Record Data

- Item creation and updates
  - Item master records
  - Custom property assignments
- BOM creation and updates
  - Primary BOM relationships
  - Applied component defaults
- Vendor Item creation
  - Approved vendor/supplier Item lists from Arena AML data
  - Manufacturer part numbers from Arena AML data
- Vendor Item updates (customization required at additional cost)
  - Approved vendor/supplier Item lists from Arena AML data changes
  - Manufacturer part numbers from Arena AML data changes

### Standardized Data Mapping

- Graphical user interfaces in Arena ERP Exchange for easy configuration to customer requirements
- Sequential data processing with built-in data validations to ensure accurate and complete data transfer every time

### Error Management

- Continual monitoring of product data updates and email error alerts
- Protection of product record: if product data update fails, transfer is stopped with no change in Sage100. Data is only transferred once ALL information is validated to be complete
- Easy access to error records enables quick corrective actions via manual processing option after corrections are completed
- Instant visibility into reconciliation status

### Enterprise Support With Ease

- Integration to multiple target Sage100 systems
- Secure deployment with no corporate firewall configuration changes required

## TECHNICAL REQUIREMENTS

Supports Sage 100 and Sage 100Cloud.

## GETTING STARTED

It doesn't matter where you are in your journey with Arena and Sage. You can implement the Arena-Sage 100 Integration at any point that suits your business needs. And, implementation time, resource impact, and costs are minimal.

- New customers of Arena and Sage: Customers new to both solutions can deploy a fully integrated Arena-Sage100 Bridge as part of the initial deployment
- Existing Sage100 customers: Implementing Arena and the integration can capture full product design to manufacturing processes while ensuring Sage100 has the up-to-date product record
- Existing Arena customers: Implementing Sage100 and the Bridge will complete the product definition loop, support manufacturing, and necessary financial discipline

Ongoing support and professional services are available from industry experts as needed.

## 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 MERP System

With 20+ years of experience in implementing and integrating ERP systems, our team at MERP System can help find solutions for your business software needs. Our implementation team has helped many companies throughout the United States and Canada achieve their goal in automating their business processes. We pride ourselves on our customers' testimonials. For more information, please visit [merpsystem.com](#).