

# Arena-QAD Integration

Automate Your Product Release Process With a Proven Interface for Arena and QAD

## 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 QAD Cloud ERP to plan and execute manufacturing processes to deliver innovative products to market. When these systems are integrated, operations 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. The Arena-QAD Integration is part of the SIGConnects family of prebuilt solutions from Strategic Information Group. This integration accelerates new product introduction while reducing expenses, increasing profitability, and speeding time to market.

## HOW IT WORKS

The Arena-QAD Integration automates the process of transferring product record information from Arena to QAD, avoiding errors while ensuring that QAD 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 the product record into a PDX package (XML format)
- The SIGConnects/Arena adapter receives the PDX package, validates, and updates it in QAD

## BENEFITS

### ✔ Time to Market

- Streamlines the time to move from design to full production
- Accelerates change processes for access to latest, new design revisions

### ✔ Cost of Quality

- Eliminates costly results of manual data entry errors, like buying or building to a past design revision

### ✔ Flexibility

- Provides both on-demand and automated updates
- Responds to changing demands by configuring business rules without changing the integration code after go-live
- Deploys within existing QAD implementations

### ✔ Standardization and Error Management

- Standardizes product record creation processes with embedded error checking
- Provides an audit trail of errors and successful transfers

### ✔ Visibility

- Facilitates visibility of BOMs, item master, and AML from Arena to QAD

### ✔ Rapid Integration

- Utilizes proven best-practice integration services
- Provides QAD and Arena domain expertise to ensure fast, successful deployment
- Works with existing corporate firewall configurations

### ✔ Confidence

- Ensures your operations teams always have access to the latest product design information



## CAPABILITIES

### Integration Without Intervention

When a product is released in Arena, SIGConnects transfers the data automatically without user intervention. This eliminates delays and errors in data synchronization between Arena and QAD.

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

### Operations Support

SIGConnects supports your operations processes with future effectivity, deviations per item, and materials disposition. This integration supports multiple target QAD systems.

### Integration Setup

The user interface simplifies setup, configuration, and troubleshooting. No coding is needed.

### Validation, Audit Trail, and Error Management

This integration validates your change data before importing into QAD.

An audit trail records product data and change order transfer success and failure.

The solution monitors status and sends alerts to a designated administrator on error. The administrator can fix the error and reprocess updates without corrupting the ERP system.

### Impacted Product Record Data

#### New and Modified Items

- Organization assignments
- Template assignments
- Category assignments
- Attribute updates
- Costs

#### New and Modified BOMs

- Primary and alternate BOMs
- Applied component defaults
- Complete BOM with required components for ERP

#### New and Modified Manufacturers and Vendors

- Approved vendor/supplier lists (AVL/ASL)
- Manufacturer part numbers (MPNs) from Arena AML data

## 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 STRATEGIC INFORMATION GROUP

Strategic is a premier North American consulting, services, and distribution partner of QAD Inc., working with QAD customers around the globe. Strategic provides consulting, implementation, validation, training, and support services to the automotive, electronics, industrial products, life sciences, and other industries. Strategic works with startups, multinationals and market leaders to implement their QAD systems on time and on budget, helping them maximize the value of their QAD enterprise applications. For more information, please visit [strategic.com](#).