

Arena–Kenandy Cloud ERP Integration

Design for Manufacturing



OVERVIEW

For manufacturing companies, market success requires achieving these key goals: continuously improving production throughput, increasing product quality, and reducing operational cost. To reach these goals, top performing companies design for manufacturing (DFM) principles, which involves designing products that can be manufactured with high quality and the least possibility of waste or rework while meeting market requirements. DFM ensures complete coordination and two-way feedback between stakeholders involved in the design process, the component vendor selection process, and the manufacturing process. It requires getting everyone at the table on the same page—the process and the product definition. With the DFM approach, manufacturing companies ensure the entire manufacturing process is tuned for the proposed product design by relying on a “single source of truth” to drive the end-to-end operational process to get products to market on time and on budget.

ENABLING THE DFM PROCESS

DFM requires coordination between the product lifecycle management (PLM) system and enterprise resource planning (ERP) system. The PLM system facilitates product design through BOM change management and supply chain collaboration on design, while the ERP system serves as the execution foundation for manufacturing. The Arena–Kenandy Cloud ERP Integration provides a market-leading integration of PLM (Arena) with ERP (Kenandy)—all in the Cloud. This integration ensures design and manufacturing teams work with the same product data, communicate effectively, and optimize the handoff between design and manufacturing.

- Support DFM practice with all stakeholders working from the same “single source of truth”
- Increase product quality through improved data accuracy and visibility
- Eliminate tedious data entry and search tasks to synchronize the product definition data
- Reduce operational costs and avoid scheduling delays with a connected PLM and ERP system

WHAT IT DOES

The Arena PLM–Kenandy Cloud ERP Integration automates the process of transferring current product data between Arena and Kenandy, avoiding manual errors and ensuring the systems are up to date.

WHO BENEFITS

✔ Operations/Manufacturing

Trust that all new items/SKUs and Arena-controlled Item attributes are updated in Kenandy. Immediate access to latest product record by impacted stakeholders.

✔ Engineering

Eliminates manual data entry and resulting errors. Automatically populates product data at the point of release.

✔ Entire Customer Team

Improve user experience/productivity and product support throughout the lifecycle. Reduce product errors and rework. Increase visibility and improve time to market and NPI.

HOW IT WORKS

- Integration is triggered when product data is released via an engineering change order (ECO) in Arena
- Arena ERP Exchange validates and exports changes based on update frequency schedule or manual update request
- Arena ERP Exchange exports product data (PDX package) per released ECO
- Arena ERP Exchange records all updates and any exceptions
- Administrator is notified via email of update, changes, and any exceptions
- Kenandy Adapter processes the Arena PDX package to load impacted product data



FEATURES	BENEFITS
✔ Automated Integrations	Eliminate the need for manual data entry from Arena to Kenandy.
✔ Product/SKU Updates	Automatically update Kenandy items/SKUs when the corresponding items are changed via ECO in Arena.
✔ Custom Mapping	Map the integration directly to your business processes.
✔ New Item Creation	Automatically create Kenandy items/SKUs when new Arena items are released.
✔ Configurable Update Frequencies	Configure how often information is updated to meet your needs.
✔ Secure Data Transmission	Data remains encrypted in transit between secure systems.
✔ Monitoring and Email Notification	Know the current status of integration activities. Stay up to date with immediate notification of changes and errors via email.

GETTING STARTED

It doesn't matter where you are in your journey with Arena and Kenandy. You can implement the Arena PLM–Kenandy Cloud ERP Integration at any point that suits your business needs. And, with everything in the Cloud, implementation time, resource impact, and costs are minimal.

- Customers new to both solutions can deploy a fully integrated Arena PLM–Kenandy solution as part of the joint deployment
- Existing Kenandy customers now deploying Arena PLM can capture full product design-to-manufacturing benefit by including the integration
- Existing Arena customers now deploying Kenandy can leverage the integration to complete the product definition loop and support DMF practices

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 KENANDY

Kenandy is the intelligent cloud ERP platform for business transformation. Kenandy automates all of your core business processes: order-to-cash, TPM, planning, procurement and production, global financials. Kenandy scales to any size enterprise and can integrate with your legacy system. Mid-sized companies use Kenandy to drive their growth and innovation. Multi-billion dollar enterprises use Kenandy to orchestrate their OTC processes for the connected economy. Kenandy works the way you want to work on any device anywhere in the world—it's fast to implement, easy to use, and ready for continuous change. Visit kenandy.com.