

PROCESS BUILDER

WORK AT THE SPEED OF BUSINESS

Manufacturers bound by rigid IT systems are challenged when faced with today's dynamic market conditions. Frequent product or design change and ongoing industry consolidations necessitate quick changes to standardized processes. This need for greater flexibility is heightened when implementing continuous improvement initiatives, such as Lean or Six Sigma. Increasingly distributed production and supply chain networks add further pressure to simplify and accelerate process changes while ensuring high product quality and brand consistency.

DELMIA Apriso Process Builder addresses these challenges by enabling easily-configurable business processes. These processes encapsulate best practices for common functionalities, such as part assembly, material replenishment, in-line quality, or reactive maintenance. DELMIA Apriso Process Builder, which utilizes a native Business Process Management (BPM) framework, lets you author and manage manufacturing processes spanning production, warehouse, quality, maintenance, and labor operations.

The processes are then used to dynamically create and dispatch tasks to the right operators, in the right locations, in the right time to fulfill incoming orders, such as a manufacturing, replenishment, or quality execution order. Processes contain user interfaces and business logic, which can be modified quickly and easily, adding enormous flexibility to change a business process as often as needed, either within a specific plant or across multiple locations.

INCREASE FLEXIBILITY TO CHANGE

DELMIA Apriso Process Builder makes changing a process easy and quick. With its visual business logic designer and WYSIWYG user interface editor, processes can be rapidly adapted to reflect your changing business needs without coding or customization. With DELMIA Apriso Process Builder, businesses can elect to blueprint and prototype new processes first. Power-users can then collaboratively test and validate these processes to quickly understand if the update is beneficial and effective prior to being sent to IT for completion, shortening the time required to implement a new or modified process. The flexibility provided by DELMIA Apriso Process Builder lets manufacturers get exactly the functionality they need—delivered quickly and easily.

EMBRACE CONTINUOUS PROCESS IMPROVEMENT

DELMIA Apriso Process Builder lets you better manage and revise business processes through their entire lifecycle. Leverage a Center of Excellence (COE) team to centrally author and distribute new versions of processes for better control and governance of process changes and updates. Improvement ideas provided by the plants or requested by HQ can be rapidly disseminated by the COE to all the locations, assuring consistent use of new best practices. Depending on the needs, the changes can be small and frequent, or larger and released less often.

BENEFITS

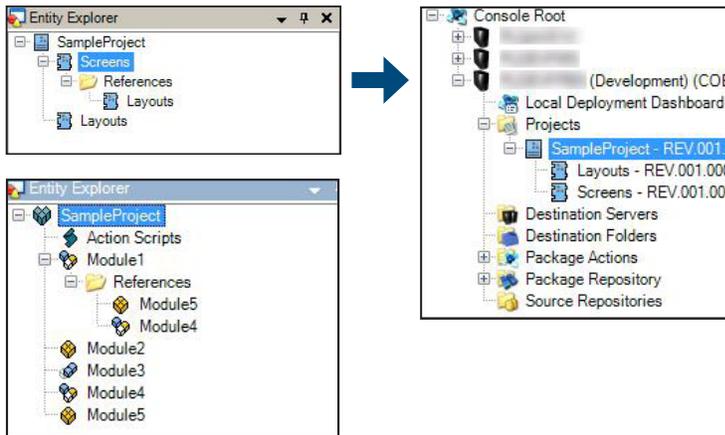
- Improved manufacturing agility with rapid process deployment
- Greater collaboration between manufacturing and IT
- Lower IT overhead costs with no custom coding needed
- Enforcement of initiatives such as Six Sigma and Lean manufacturing
- Consistent deployment of global processes for regulatory compliance and best practice
- Paperless work instructions for faster responsiveness
- Better control over process lifecycle management
- Fewer manufacturing defects, faster completion, and a general increase in quality
- Ability to respond faster to the changes using flexible and adaptive solution

RATIONALIZE MANUFACTURING IT SYSTEMS TO CUT COSTS

With a native BPM process-based architecture for manufacturing operations management, DELMIA Apriso offers unprecedented ways to simplify your IT infrastructure. Redundant applications can be retired when working with a common, process-based framework to create work flows that span all of production, warehouse, quality, maintenance, and labor operations. Moreover, the Projects feature lets you control the delivery and maintenance of BPM-based solutions by introducing grouping, versioning, and status control of all the entities belonging to the solution. Costs can be further reduced with DELMIA Apriso Process Builder's ease of use and lack of dependency on any 3rd-party programming environments. Individual processes can be quickly deployed to bring immediate return without a need to retest your entire IT system.

PART OF THE TOTAL DELMIA APRISO SOLUTION

DELMIA Apriso Process Builder is a key component of DELMIA's broader Apriso solution for manufacturing operations management. With DELMIA Apriso you can manage production, quality, warehouse, maintenance, and labor processes to achieve visibility into, control over, and synchronization across global manufacturing operations. Built with a native Business Process Management (BPM) framework that incorporates a unified data model, Apriso applications enable continuous improvement and rapid response to market changes. Apriso delivers a global view of manufacturing operations by utilizing a Service Oriented Architecture (SOA) to ease integration with enterprise applications, such as ERP and PLM, while interfacing with the shop floor and automation equipment.



FEATURES

- “Manufacturing-aware” BPM
- Allows rapidly defining and executing processes
- Ability to modify business logic and user interface without customization or programming
- Deployment to all areas of operations—production, warehouse, quality, maintenance, and extended supply chain
- Tight integration with ERP, PLM, APS, and other business-level systems
- Built-in support for multiple languages, time zones, regional suppliers, and other global factors
- Robust Web-based, real-time and historical reports, dashboards, and KPIs
- “Out-of-the-box” libraries allow reuse of industry best practices including capabilities for complete lifecycle management and distribution of business practices

Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

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