

DELMIA ORTEMS SYNCHRONIZED RESOURCE PLANNER

INVENTORY AND CAPACITY PLANNING



**ORCHESTRATE
YOUR CAPACITY
AND MATERIAL
FLOW**

DELMIA® Ortems Synchronized Resource Planner provides the material flow and capacity synchronization system that enables Just-in-Time (JIT) demand and manufacturing integration across all Bill of Materials (BOM) levels.

Part of the DELMIA portfolio, Synchronized Resource Planner helps manufacturers maximize inventory and manufacturing capacity with production flow constraints across multiple levels.

BENEFITS

- Reduce inventory with multi-level flow synchronization
- Calculate finite capacity requirements in a single computation loop
- Improve flow lines and reduce waste
- Analyze the impact of a contingency plan across all manufacturing levels
- Provide dynamic customer-to-supplier traceability
- Enhance customer service and lead-time reliability
- Execute JIT, demand-driven production

Synchronize purchase and work orders to avoid missing parts

Using a multi-level BOM approach, the Synchronized Resource Planner accelerates flow lines by synchronizing both purchase and work orders starting from raw materials, to semi-finished, to finished products—placing constraints related to inventory and available raw materials on the schedule.

Create provisional traceability

Synchronized Resource Planner creates provisional traceability links between semi-finished and finished product work orders, working with DELMIA Ortems Production Scheduler and DELMIA Ortems Manufacturing Planner to balance loads and accelerate flow lines.

Forecast material kitting orders

Plan the production of kits (components needed for assembly) to include the BOM from other finished products such as bundles for promotional or end-of-year packages. This matching feature also identifies the amount of finished products required by other products, taking them into account when calculating the total requirement for consumed finished products.

Essential Collaboration Tools

Collaborative features enable management of different Material Requirement Planning (MRP) management policies to track inventory and fine-tune capacity utilization. Planners have interactive tools that provide a consolidated view of stock alerts to help them quickly react to potential issues. They can analyze the impact of a late supply delivery on the schedule and simulate a solution that helps to minimize the delay.



Planners have interactive tools that provide a consolidated view of alerts.



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

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