

 Luminate Planning

Enterprise Supply Planning

Deliver superior customer experiences through optimized supply plans

Business context

Today's consumer-driven supply chain is all about delivering superior customer experiences. This means delivering to the right place at the right time with speed and accuracy, every time. To remain competitive, companies must transform their supply chains into resilient, rapidly responsive supply networks.

Creating and operating these rapid response supply networks can be extremely complex. They require many partners working in unison to optimize, and re-optimize, supply operations to exceed customer expectations even when faced with problems and disruptions. In this environment, supply planning must be proactive, responsive, collaborative and network-aware.

The Blue Yonder solution: enterprise supply planning

Blue Yonder Enterprise Supply Planning, part of Blue Yonder's Luminate Planning suite of applications, is the right tool to optimize supply availability across today's complex global supply networks. It does proactive scenario planning using signals from demand planning applications, assessing overall market demand and constraints from suppliers, capacity planning and transportation planning to set appropriate boundaries.

Not only does Enterprise Supply Planning optimize supply plans across complex supply networks, it also enables scenario planning within the organizational master plan, including procurement, production, inventory, and distribution. This has significant impact on service levels, delivered costs, margins and asset utilization. It also integrates with SAP for planning transparency across the extended business enterprise.

Real results

Increase revenue up to

0.5%-1.0%

Reduce expedited logistics expenses by

10%-30%

Reduce inventory up to

5%-10%

Key features

- Superior customer experiences**
 Delivers superior customer experiences profitably and sustainably through rapid recognition, response, and network re-optimization even when demand changes or disruptions occur.
- Pre-built dashboards and reports**
 Enables planners to easily review plans along multiple metrics and to slice-and-dice scenario outcomes across various dimensions.

Key Capabilities

Balance results with constraints

Enterprise Supply Planning enables your business to balance global objectives for demand satisfaction, inventory replenishment, asset utilization, inventory reduction, distribution efficiency and transportation cost while simultaneously accounting for capacity and material constraints.

Empower planners

Enterprise Supply Planning empowers planners to continually review, analyze and compare network supply plans to maximize the customer experience while protecting margins and profits.

Fast solvers

ESP's new patented optimization algorithms speed up operations, while ensuring accurate transitions from simulation scenarios to final plans. It adds up to even faster planning while maintaining Blue Yonder's superior standards for plan quality.

- **Rapid recognition, response and network re-optimization**

Leverages constraint-based scenario planning, network visibility and integration to the Luminate Planning solution suite to enable superior supply network optimization and rapid, profitable responses.

Key benefits

- Optimizes supply planning across complex supply networks to reliably deliver superior customer experiences profitably
- Senses and rapidly responds to demand changes and supply disruptions with reoptimized network-wide supply plans
- Optimizes performance across supply network partners and diverse activities such as procurement, manufacturing, distribution and inventory
- Improves planner productivity and effectiveness with intuitive dashboards, graphical workbenches and what-if scenario planning

Digital transformation is at your fingertips

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