



Demand and Supply Planning

Unify demand, supply and inventory with one end-to-end solution, powered by Blue Yonder

Business context/challenge

Supply chain disruptions and mismanaged plans impacts range from production and capacity issues on the factory floor to missed deliveries, higher transportation costs, increased inventory loss, and missed SLAs.

From route changes and extreme weather to geopolitical unrest, these events interfere with even carefully crafted plans. Disruption and exceptions impact planners every day, making work difficult and stressful. In their efforts to plan strategically and profitably, planners face three primary challenges:

- First, they're overwhelmed by data—so overwhelmed that they lack the capability to quickly identify and efficiently model how changes in demand influence inventory and production requirements.
- Second, supply and demand patterns are consistently changing, resulting in missed opportunities and production that is unresponsive and inefficient, leaving costs and the customer at risk.
- Third, planners operate in silos that leave them unable to deliver consistent and holistic plans that ensure profit and sustainability goals are met across their entire supply chain.



Metrics

95% forecast accuracy levels

55% reduced inventory levels

300% return on investment



Key benefits

- Superior decision-making speed and precision
- Extended visibility and collaboration
- Control risks, costs and waste
- Capture lost opportunities
- Increase customer satisfaction
- Increase planner productivity and efficiency
- Decrease planner turnover and onboarding time
- Enhance planner skillsets and versatility

The Blue Yonder solution

Blue Yonder Demand and Supply Planning enables customers to stay ahead of changing demand without compromising operational and financial excellence. With Blue Yonder AI-powered Demand and Supply Planning solution, supply chain planners can easily collaborate, model and optimize a 360-planning view in seconds versus days, enabling them to capitalize on new opportunities and work around risks before business is disrupted.



As a single, Cognitive Solution, Demand and Supply Planning seamlessly connects demand and supply with inventory via the Blue Yonder Platform to profitably and sustainably turn risk into opportunity. Demand and Supply Planning is purpose-built for today's constantly disrupted supply chain landscape, enormous data volumes, disconnected planning, and overwhelmed planning teams. Fueled by a single data set and intuitive user interface, Blue Yonder Demand and Supply Planning enables cross-functional planners to holistically manage the supply chain. It logically links the company's top-level business goals and strategies with raw materials, inventory targets and contract commitments, as well as demand, distribution, production, and sourcing through a transformative approach to supply chain planning.

Powered by AI, machine learning (ML), advanced data science, generative AI, and AI agents, Demand and Supply Planning's decision engines support insight-driven scenario generation—across supply chain planning. When a disruption occurs, this intelligent

solution weighs trade-offs, performs robust analysis and automatically recommends a holistic course correction—good for the entire business, not just the demand, supply or inventory planning team.

Capability offerings

Support for more holistic, insightful decisions

Because it's not solely focused on demand or supply, Demand and Supply Planning empowers planners to make holistic decisions and plans—maximizing outcomes. Demand and Supply Planning's decision engines consider a range of real-time data, time horizons and constraints to bring the supply chain in balance.

Intelligent, predictive automation

Demand and Supply Planning eliminates time-consuming, error-prone manual analysis and consumer-grade spreadsheet tools. Instead, Demand and Supply Planning leverages AI, ML, data science, optimization, and advanced decision logic to build highly accurate, predictive and optimized plans. All plans are rooted in centralized data and seamless, connected workflows. Demand and Supply Planning equips cross-functional teams to not only create accurate plans the first time, but also to dynamically update those plans with superior speed and precision.

Greater workforce flexibility

Traditionally, individual planners have been focused only on demand, supply or inventory. But the complexity and volatility of global supply chains have made this an outdated concept. Today planners need the flexibility to easily change roles as the needs of the market dictate. Demand and Supply Planning supports workforce flexibility through a single solution, intuitive user interface, AI agents, and seamless cross-functional workflows. With Demand and Supply Planning, companies enjoy simplified software procurement, licensing, resource onboarding, training, and ongoing team management and support.

Improved supply chain agility and resilience

Across the supply chain, conditions are always evolving—which means demand, supply and inventory plans must be a single, dynamic plan, listening and continuously evolving to external signals. Companies must adapt quickly to disruptions to avoid production delays, overstocks, stockouts, lost sales, margin erosion, customer dissatisfaction, expediting costs, and waste.

Until now, most companies have lacked a single solution that addresses all these risks simultaneously in near real time. By supporting end-to-end analysis, Demand and Supply Planning provides a low touch and optimal way to capture and resolve disruptions. The result? Significantly improved supply chain agility and resilience, which translates to a competitive edge.



Unlock your supply chain's full potential with Blue Yonder services.

Partner with Blue Yonder Professional Services to modernize your supply chain with Strategic Advisory, Implementation Services and Continuous Optimization, enabling 30% faster time to value, lower risk and a resilient, scalable supply chain. Ongoing premium support and training ensures you make the most of your investment for long-term success and growth. Learn more about how we can help you achieve these results.



Key Features

- Interoperability from planning through execution for transportation, warehouse and orders
- Network connected planning to extend visibility and collaboration across the multi-tier, multi-enterprise supply chain
- Insight driven planning for no-downtime decision-making to manage exceptions and prescribe resolutions
- Scenario planning infused with intelligence enabled by AI, ML, generative AI, and causals
- Decision-led process orchestration for connected planning workflows with advanced cross-functional insights and recommendations
- A single user interface and shared data, configurable to your enterprise needs and user preferences
- Inventory Ops Agent for guided recommendations, data quality analysis and root cause analysis
- Sustainable supply planning to reduce waste, excess and emissions

To learn more, visit blueyonder.com