



# Industrial Manufacturing

## Navigating complexity with advanced solutions

In industrials, delay and downtime are not options. Despite this, across global supply chains, risks and disruptions can occur at any time or place. From materials and labor scarcity to tariffs, extreme weather and other disruptions, how can you plan and execute across the enterprise and your broader network, let alone drive a fast, intelligent response to change?

The stakes have never been higher. Already burdened with the need for a return on high capital investments, now you're facing rising labor, transportation and other operating costs, as well as growing sustainability demands. Meanwhile, networks and products are increasing in complexity, making it hard to deliver successfully.

## Enter Blue Yonder's end-to-end, integrated supply chain solutions

While many manufacturers and distributors use manual processes, human analysis and disconnected point solutions to balance demand and supply, modern supply chain complexity and rapid-fire decision-making exceed these capabilities. The cost of suboptimal decisions is high, from production delays to excess, aging inventory and lost revenues.

Instead, you need to capitalize on artificial intelligence (AI), data science, real-time connectivity and multi-enterprise collaboration to make smart decisions that are informed by real-time insights—and executed across the entire supply chain network.

Imagine the possibilities. When a sudden demand shift occurs, the entire supply chain flexes in response, all the way through production and procurement, and on to distribution and fulfillment. Faced with a materials shortage, the network collaborates to find a new supplier and keep products moving.

Via Blue Yonder solutions, the industrial manufacturing supply chain is re-imagined. It shifts from volatile to predictable. From disconnected to orchestrated. From siloed to seamless.



## Real Results

<b>95%</b>	improvement in forecast accuracy
<b>2.5%</b>	revenue growth
<b>30%</b>	less inventory

## The Blue Yonder difference

Don't rely on siloed point solutions that focus on functional outcomes and work against you. And don't expect human analysis and manual processes to keep pace with modern supply chain dynamics and complexity. Instead, rely on Blue Yonder's built-for-purpose, integrated, AI-enabled solutions and Blue Yonder Platform to create a connected supply chain that adapts as conditions change, keeping planning and execution in continuous synchronization.

**Demand and Supply Planning.** Today it's impossible to optimize your manufacturing outcomes unless supply, demand and inventory planning are closely integrated—and collaborative decisions are made in real time, enabled by AI and advanced scenario testing and modelling. By digitally connecting these activities on Blue Yonder Platform and supporting them with shared real-time, cross-functional data, you can drive greater efficiency and accurate production, while lowering inventory and waste.

**Integrated Business Planning.** You also need to manage strategic, financial and operational planning to drive strategy and higher performance. This is possible with a focus on decision-making enabled by intelligent insights, process drumbeat orchestration, lever-based scenario planning, risks and opportunities digital framework, and inline analytics.

**Advanced Planning and Scheduling.** Blue Yonder's industry-leading production scheduling capabilities are built to dynamically balance production with demand. Advanced scheduling algorithms enable accurate—yet flexible—order slotting, order sequencing and detailed scheduling. As upstream and downstream conditions change, your production is agilely and autonomously replanned to maximize delivery reliability and capacity utilization.

**Enhanced visibility and collaboration.** Risks and disruptions often arise outside the four walls of your enterprise. That means they're best resolved collaboratively. Blue Yonder Network enables real-time data-sharing and connectivity across multiple tiers for

improved awareness, visibility, collaboration and network-wide decision-making. As AI-backed command center capabilities sense changes, you and your trading partners can optimize capacity, inventory and transport.

**Synchronized supply chain execution.** Blue Yonder helps you optimize process workflows for speed, service and cost control by connecting warehouse, transportation, resource and order management solutions on Blue Yonder Platform. The result? Improved customer service metrics, profit margins and sustainability, as companywide objectives take precedence over functional measures.

**Inventory and fulfillment optimization.** Blue Yonder's intelligent order management engines optimize inventory and fulfillment with real-time production and procurement visibility. Our intelligent order management dynamically updates ETAs based on live production data, reducing false commitments. You can gain end-to-end control, ensuring smarter order promising and efficient resource allocation.

**More certain transportation outcomes.** Blue Yonder increases your transport certainty, even amid uncertainty, with a flexible operating model that seamlessly responds to change and swiftly recovers from the unexpected. Blue Yonder software manages transportation execution and autonomously and continuously optimizes your routes, loads, capacities, emissions and other key metrics.

**Warehouse and labor optimization.** From inbound shipments to outbound customer orders, Blue Yonder increases your productivity, speed and agility at every stage of warehouse processing. Optimization engines make dynamic, intelligent decisions about task and order prioritization, the balance of work between humans and robots, and managing inevitable surprises.

**Seamless, profitable returns management.** The problem of product returns is only growing. From units to full loads, Blue Yonder combines a first-class customer experience with a much greater probability of recovering revenue. By automating and accelerating your returns processes, Blue Yonder accurately and quickly routes products to resale, recycle or reuse, while also minimizing costs and waste.