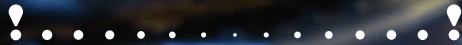


Transforming automotive supply chains with an end-to-end synchronization approach



BOOST AGILITY, CUT COSTS AND ACCELERATE PERFORMANCE WITH AN INTEGRATED PLATFORM FOR PLANNING, EXECUTION AND COLLABORATION.

The shifting landscape of Automotive supply networks

Automotive OEMs and Tier-n Suppliers face an increasingly complex and volatile global landscape. Tariffs, inflation, geopolitical uncertainty, nearshoring strategies and rising customer expectations are reshaping supply chain priorities. Manufacturers must strike a careful balance between resilience, cost efficiency and agility to stay ahead.

Key industry shifts include:

Nearshoring and trade dynamics

Tariffs and evolving trade policies are accelerating the shift toward nearshoring. Automakers are diversifying production footprints, with China expanding operations in Mexico to bypass U.S. tariffs and reduce geopolitical exposure.

Balancing just-in-time with safety stocks

Automakers are moving beyond lean inventory models to safeguard continuity. Strategic reserves of critical components—such as semiconductors—are essential to mitigate disruption and maintain production stability across global manufacturing operations.

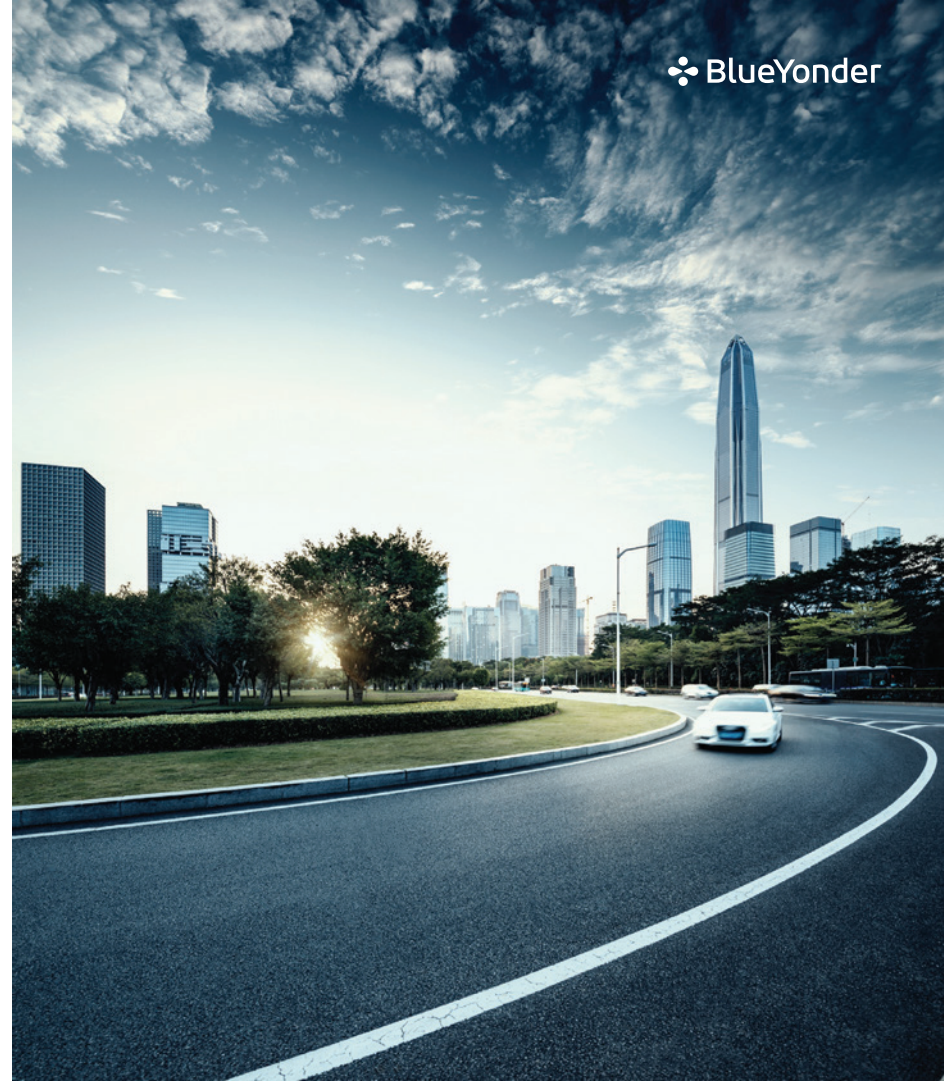
Multimodal transportation complexity

Managing diverse transportation modes—ocean for intercontinental, rail for intra-continental and truck for domestic shipments—poses challenges. Manufacturers must balance costs and risks while ensuring environmental compliance.

Adapting to shifting demand in vehicle ordering

Customers increasingly seek personalized and seamless experiences, prompting a shift from a push-based model to a configure-to-order, direct-to-consumer approach. OEMs and Tier-n Suppliers must enhance flexibility and agility to effectively meet these evolving demands.

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- ▶ To compete effectively, Automotive OEMs and Tier-n Suppliers need a synchronized, end-to-end supply chain that ensures resilience, agility and cost optimization at every level of the network.



Overcoming siloed supply chain processes with connected operations

Siloed systems and disconnected functions are among the biggest threats to Automotive supply chain performance. When planning and execution operate in isolation, the result is often poor visibility, reduced throughput and increased cost. As complexity grows, automakers need tighter orchestration across production, inventory and logistics to maintain speed, efficiency and continuity.

Key Automotive challenges include:

Siloed planning and execution:

Disconnected planning and execution, along with manual Excel work, create bottlenecks, delaying production and leading to inefficient capital usage. Factories may consume power and labor while running below optimal capacity, creating significant cost inefficiencies across operations.

Inventory volatility and safety stock management:

Poor visibility into stock levels across inbound materials and finished vehicles increases the risk of overstocking, shortages and missed sales, while forcing reliance on costlier alternative suppliers to plug last-minute gaps.

Synchronizing production flow:

Optimizing the production pearl chain requires balancing resource constraints, parts availability and vehicle configurations to reduce production changeovers, increase factory throughput and improve line utilization.

- ▶ An integrated approach connects planning and execution, enabling OEMs and Tier-n Suppliers to respond faster, utilize resources better and keep production on track.





Blue Yonder's platform for end-to-end planning, execution and network collaboration

To meet the demands of modern Automotive manufacturing, OEMs and Tier-n Suppliers need more than functional excellence—they need total synchronization. Blue Yonder's unified platform brings together AI-powered planning, agile execution, order fulfilment and real-time collaboration to drive resilience, speed and precision across the supply chain. By integrating all critical functions into one intelligent system, OEMs and Tier-n Suppliers gain the visibility and control to deliver on customer expectations and business goals.

Platform capabilities

AI-driven planning and execution integration

Blue Yonder's AI-powered platform supports simulations and contingency strategies to address demand fluctuations, supply disruptions and sustainability goals. Forecasting and inventory optimization reduce working capital, while integrated execution enhances logistics collaboration, lowers emissions and cuts freight costs.

- Integrated planning with Demand and Supply Planning, Integrated Business Planning and Advanced Planning and Scheduling
- Synchronized execution with Warehouse Management, Transportation Management and Order Management
- Multimodal logistics and warehouse coordination
- Multi-tier visibility and collaboration



Platform capabilities

- AI-driven planning and execution integration



Integrated planning with Demand and Supply Planning, Integrated Business Planning and Advanced Planning and Scheduling

With integrated demand and supply planning, business planning and advanced production scheduling, Blue Yonder enables OEMs and Tier-n Suppliers to model network scenarios, align financial and operational goals and respond to shifting demand with agility. Real-time production sequencing and constraint-based scheduling help optimize factory throughput and resource utilization, while planners evaluate trade-offs, simulate outcomes and make smarter supply chain decisions.

- Synchronized execution with Warehouse Management, Transportation Management and Order Management


- Multimodal logistics and warehouse coordination

- Multi-tier visibility and collaboration

Platform capabilities

- AI-driven planning and execution integration
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- Integrated planning with Demand and Supply Planning, Integrated Business Planning and Advanced Planning and Scheduling



Synchronized execution with Warehouse Management, Transportation Management and Order Management

Warehouse, transportation and order management systems streamline execution. This integration supports automation, intelligent order sourcing, real-time visibility and responsiveness—helping OEMs and Tier-n Suppliers reduce lead times, avoid delays and improve customer service across channels.

- Multimodal logistics and warehouse coordination
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- Multi-tier visibility and collaboration
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Platform capabilities

- AI-driven planning and execution integration
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Integrated planning with Demand and Supply Planning, Integrated Business Planning and Advanced Planning and Scheduling

- Synchronized execution with Warehouse Management, Transportation Management and Order Management
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Multimodal logistics and warehouse coordination

Synchronization of inbound transportation with warehouse workflows ensures the right parts are staged in sequence for production. This reduces emissions, minimizes disruption and supports efficient, on-time assembly aligned to vehicle configurations and regional demand.

- Multi-tier visibility and collaboration
-

Platform capabilities

- AI-driven planning and execution integration

Integrated planning with Demand and Supply Planning, Integrated Business Planning and Advanced Planning and Scheduling

- Synchronized execution with Warehouse Management, Transportation Management and Order Management

- Multimodal logistics and warehouse coordination

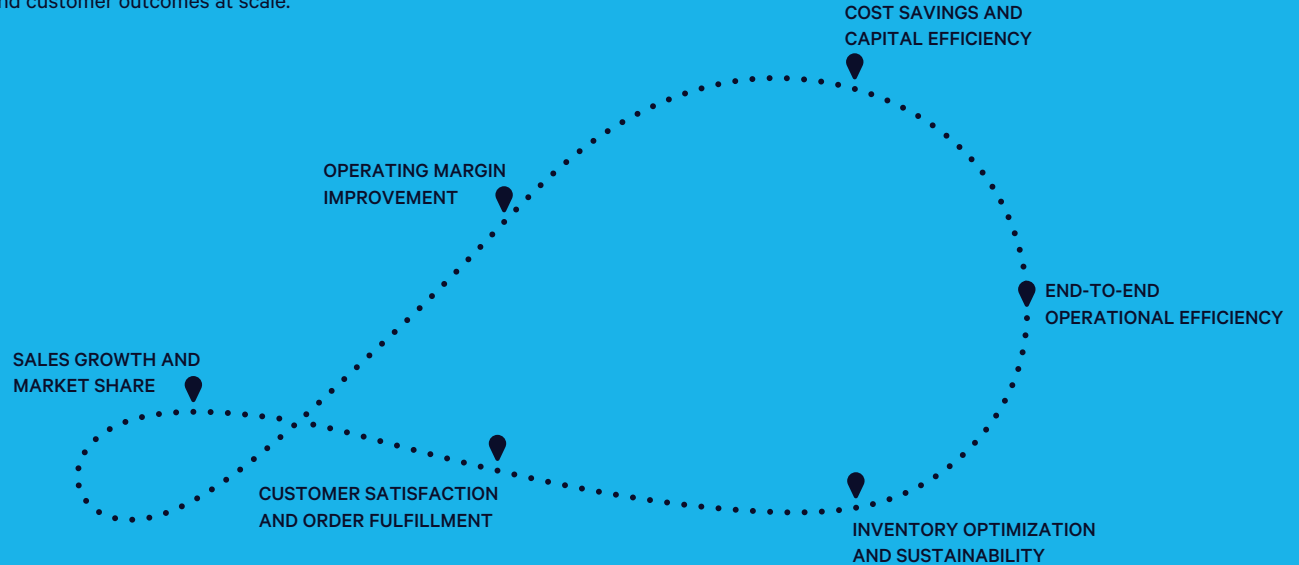
Multi-tier visibility and collaboration

Real-time visibility across suppliers, carriers, forwarders, customers and other stakeholders enables real-time collaboration that drives proactive issue resolution and predictive planning. OEMs and Tier-n Suppliers can collaborate across global, multi-tier networks to mitigate risk, improve responsiveness and adapt to changing conditions without disruption.



Driving measurable business outcomes across the Automotive supply chain

Blue Yonder's AI-driven platform enables Automotive OEMs and Tier-n Suppliers to capture tangible performance gains across cost, service and sustainability metrics. By synchronizing planning and execution, manufacturers unlock greater agility, reduce operational risk, and improve financial and customer outcomes at scale.



▶ Turn strategy into real business impact with a supply chain built for performance.

What Automotive OEMs and Tier-n Suppliers achieve with Blue Yonder

WITH INTELLIGENT SYNCHRONIZATION, OEMS AND TIER-N SUPPLIERS CAN TRANSFORM OPERATIONS, BOOST COMPETITIVENESS AND BUILD A MORE RESILIENT, CUSTOMER-CENTRIC AND PERFORMANCE-DRIVEN AUTOMOTIVE SUPPLY CHAIN.



Key benefit 1

Cost savings and capital efficiency

Optimizes warehouse labor, transportation spend and order processing to reduce operational costs while improving asset utilization, minimizing waste and maximizing return on capital investments across facilities and networks.



Key benefit 2

End-to-end operational efficiency

Accelerates decisions across multimodal logistics and execution processes using AI. Improves responsiveness to supply-demand shifts while enhancing agility, throughput and productivity across warehousing, transportation and plant operations.



Key benefit 3

Inventory optimization and sustainability

Improves inventory visibility and placement to avoid overstocking and shortages. Smarter planning and routing reduce waste, support sustainability targets and ensure timely delivery with minimal environmental impact.



Key benefit 4

Customer satisfaction and order fulfillment

Enables consistent service levels through accurate planning, real-time visibility and fulfillment coordination. Reduces delays, stockouts and order issues, improving satisfaction across dealers, plants and end-customers.



Key benefit 5

Sales growth and market share

Improves demand sensing and supply responsiveness to increase product availability. Helps OEMs and Tier-n Suppliers capture sales opportunities faster and expand into high-growth markets with more reliable inventory and delivery.



Key benefit 6

Operating margin improvement

Reduces inefficiencies across execution layers by aligning planning, warehousing, transportation and order management. Supports profitable growth and aligns resource utilization with business goals by optimizing spend and reducing cost-to-serve across the value chain.

Transforming Automotives and delivering real-world success with Blue Yonder



Blue Yonder's platform has helped leading Automotive manufacturers improve service levels, streamline operations and boost financial performance. These global examples show how intelligent planning, execution and visibility capabilities drive measurable impact across the value chain.

THESE RESULTS SHOW HOW BLUE YONDER EMPOWERS AUTOMOTIVE OEMS AND TIER-N SUPPLIERS TO SCALE OPERATIONAL EXCELLENCE, ACCELERATE RESPONSIVENESS AND UNLOCK GROWTH ACROSS THEIR GLOBAL SUPPLY CHAIN NETWORKS.



Enhancing service and forecast precision at Mitsubishi:

Improved customer service while lowering inventory levels by implementing more accurate forecasting and analyzing supply chain trouble spots. Proactive issue resolution minimized service disruptions and improved overall fulfillment performance.



Driving visibility and reducing inventory risk for Renault:

Reduced safety stock and improved cash flow by gaining real-time visibility across a complex, multi-tiered distribution network. Enhanced transparency enabled better decision-making and stronger inventory management across regions and suppliers.



Boosting revenue and responsiveness at Mahindra & Mahindra:

Increased revenue by 10% and reduced customer response time by 40% by leveraging enhanced visibility, forecast accuracy and service reliability through intelligent supply chain workflows.

Blue Yonder has delivered value for Automotive customers across the globe

Our esteemed clientele includes numerous industry leaders throughout the Automotive supply chain.



BLUE YONDER COMMANDS THE LARGEST MARKET SHARE IN AUTOMOTIVE SUPPLY CHAIN PLANNING, HOLDING AN IMPRESSIVE **38.5%***.

*2025 ARC REPORT



Powering the next generation of end-to-end Automotive supply chains



To compete in today's environment, Automotive OEMs and Tier-n Suppliers must move beyond disconnected processes and fragmented execution. Success depends on adopting a fully synchronized, AI-powered supply chain—one that unites planning, logistics and fulfillment to enable real-time responsiveness, resilience and speed.

Why Blue Yonder?

True end-to-end visibility:

Unifies planning, inventory and execution within a single AI-powered platform. Provides synchronized insights across suppliers, production and distribution nodes, enabling proactive decisions, better resource alignment and full supply chain transparency at every stage.

Multimodal logistics optimization:

Delivers intelligent routing across ocean, rail and truck to balance service levels and cost. Enables dynamic adjustments based on shifting constraints across inbound suppliers, outbound distribution centers and changing customer or production demands.

AI-powered proactive decision-making:

Combines predictive analytics with real-time signals to pre-empt disruptions and support dynamic decision-making. Helps OEMs and Tier-n Suppliers respond faster, reduce exceptions and maintain control in highly complex, time-sensitive supply chain environments.

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- By embracing an integrated, AI-driven supply chain, OEMs and Tier-n Suppliers can operate with greater efficiency, adapt to uncertainty and position their business for long-term success.

Power the shift to synchronized supply chains

The Automotive supply chain is no longer just a support function; it's a core driver of competitiveness, customer satisfaction and operational resilience. As disruption becomes the norm, OEMs and Tier-n Suppliers must evolve from siloed systems and reactive execution to connected, intelligent supply chain ecosystems.

Now is the time to rethink outdated models, eliminate bottlenecks, and unlock the full potential of end-to-end synchronization. Those who lead the transformation will not only cut costs and reduce risks, but also gain the agility and precision to win in an unpredictable market.

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