



# Future-Proofing Your Supply Chain Execution

How your journey to the cloud with Blue Yonder prepares you for what's next





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# Today's Logistics Technologies Landscape

## How supply chains have evolved and responded

Logistics has undergone dramatic change in recent years. Even before the COVID-19 pandemic, businesses across industries were adapting to more granular shipping and delivery models, including next- and same-day delivery, as well as curbside pickup.

Then the pandemic swept the world and accelerated these changes across industries and supply chains.

The sudden shift in customer expectations and preferences required businesses to be agile and adapt to the new, customer-centric environment.

Meeting these needs is a considerable challenge and requires carefully balancing service capabilities with fundamental business requirements such as maintaining profit margins.

In this eBook we will explore navigating these complex and constantly shifting industry drivers and how transportation and warehouse operations can take advantage of the cloud to ensure agility and resilience in the face of a dynamic business environment.

## Key Statistics

37%

of organizations identify improving or updating technology as a top-three logistics priority<sup>1</sup>

69%

of supply chain professionals consider advanced analytics / big data technologies as a top-two priority<sup>2</sup>

22%

of supply chain organizations use multienterprise process orchestration with innovative technology tools to enable collaborative, network-wide value creation<sup>3</sup>

# Future-Ready Supply Chain Execution

## Tomorrow's supply chain is customer-centric and highly responsive

Efficient logistics operations and competitive service providers now need to offer more than speed and lower costs. Agility is the new competitive differentiator. Businesses expect insights, data, and intelligence — all in real time.

The ability to rapidly respond to shifting factors such as demand spikes or drops, supply disruptions, production line shutdowns, and similar events has become critical.

Building the right data environment to leverage early prediction and real-time responsiveness based on multiple data sources is key, and it's only going to get more complex.

Scalable, connected processes ensure customer service levels are met and products move smoothly and efficiently through the supply chain, creating a positive customer experience (CX).

To achieve this, supply chain leaders must leverage a cloud-based platform that enables scalability, intelligence, and connectivity to partners and service providers.

## Key Statistics

42%

of CSCOs are under pressure to maintain current margins and profitability and achieve targets for sustainability, speed, and innovation<sup>4</sup>

60%

of CSCOs are expected to make faster, more accurate, and more consistent decisions in real time<sup>5</sup>

55%

of organizations expect improved service metrics from their CX investments<sup>6</sup>

# Why the Cloud Is a Smart Move

## Globally accessible infrastructure that can scale with your business

Historically, many supply chain professionals have been hesitant to move warehousing and transportation to the cloud. A move to the cloud represented a loss of control, so technology remained on-premises.

This worked for some time, but in the long term these systems simply carry too much overhead cost and too many limitations to meet the needs of modern logistics.

The arrival of cloud platforms, such as Microsoft Azure, has helped drive the transition. With the cloud, businesses gain access to a globally scaled platform where hardware and related internal IT costs are essentially eliminated.

Rather than maintaining costly on-premises systems, organizations that invest in cloud-based capabilities and data connections are able to access innovations that transform logistics through broad, real-time intelligence, artificial intelligence (AI)-based services, and powerful analytics.

The cloud offers immense capabilities that empower leaders with enriched data to make decisions with confidence.

A move to the cloud is not a question of “if,” but “when.”

## Key Cloud Benefits



**Always-current applications**



**Improved security**



**Greater scalability**



**Faster innovation**



**Guaranteed performance**



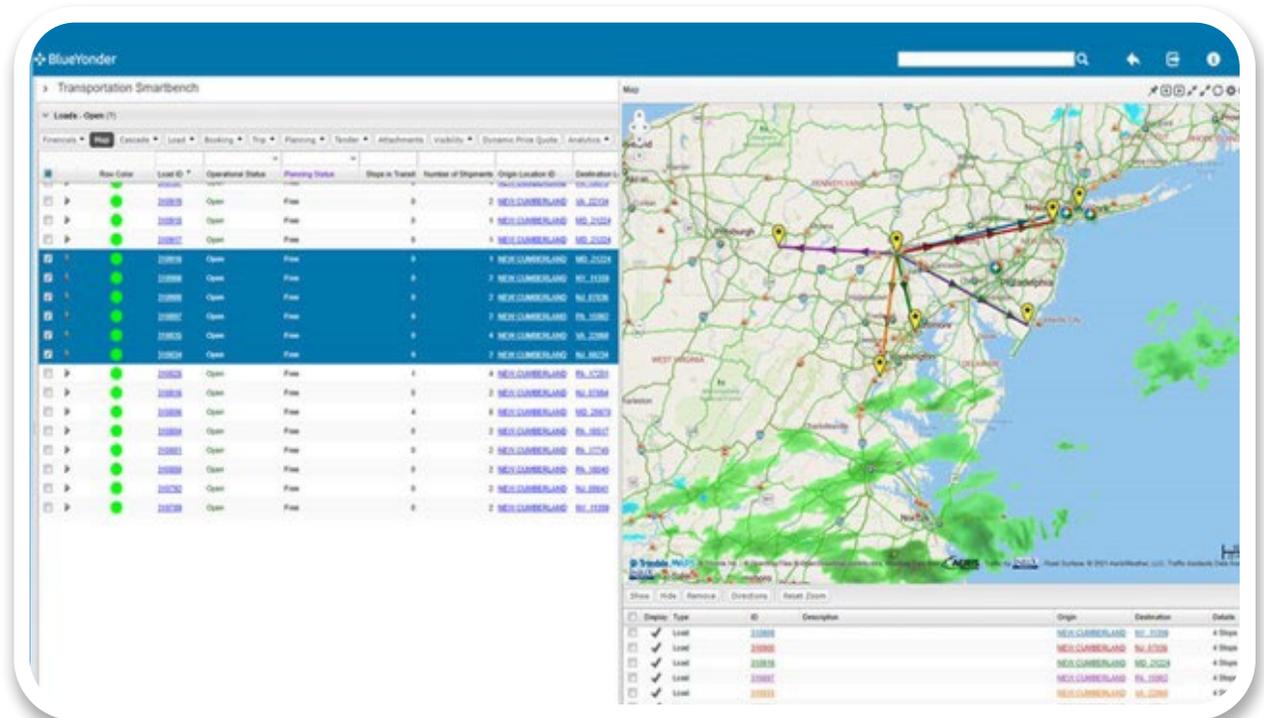
**Lower TCO**

# Build a Resilient, Future-Ready, and Sustainable Transportation Network

## Real-time visibility from individual delivery trucks to the entire fleet

Today, as consumers and industrial buyers alike have shifted to online purchasing models, shippers are under extraordinary pressure to offer fast, flexible delivery via multiple modes and to respond in real time when something goes wrong. And, of course, every decision must be made with profitability and sustainability in mind.

Blue Yonder's Transportation Management enables you to transform your transportation operations by managing both inbound and outbound and integrating supplier and carrier collaboration tools while giving the flexibility and confidence to tackle whatever challenges tomorrow brings.



# Journey to the Transportation Network of the Future

A move to Blue Yonder Transportation Management in the cloud enables your operations to leverage the full set of capabilities. The SaaS-native solutions can lower costs, add intelligence, and drive sustainable performance improvements to the network.



## Transportation Modeling

Perform logistical and predictive analysis with confidence. Continually identify the most efficient and lowest-cost network that satisfies business requirements and customer needs.



## Load Building

Maximize transportation utilization using inventory-aware load optimization. Intelligently group packages based on inventory, equipment, product, and packaging constraints.



## Carrier Collaboration

Communicate among network participants for collaboration on tendering, manifesting, labeling and proof of delivery, tracking, and invoicing.



## Dynamic Price Discovery

View and compare freight quotes from marketplaces with contracted rates while also considering market-influenced pricing and capacity. Leverage a single point of integration for shippers and their partners for rate discovery and tendering.



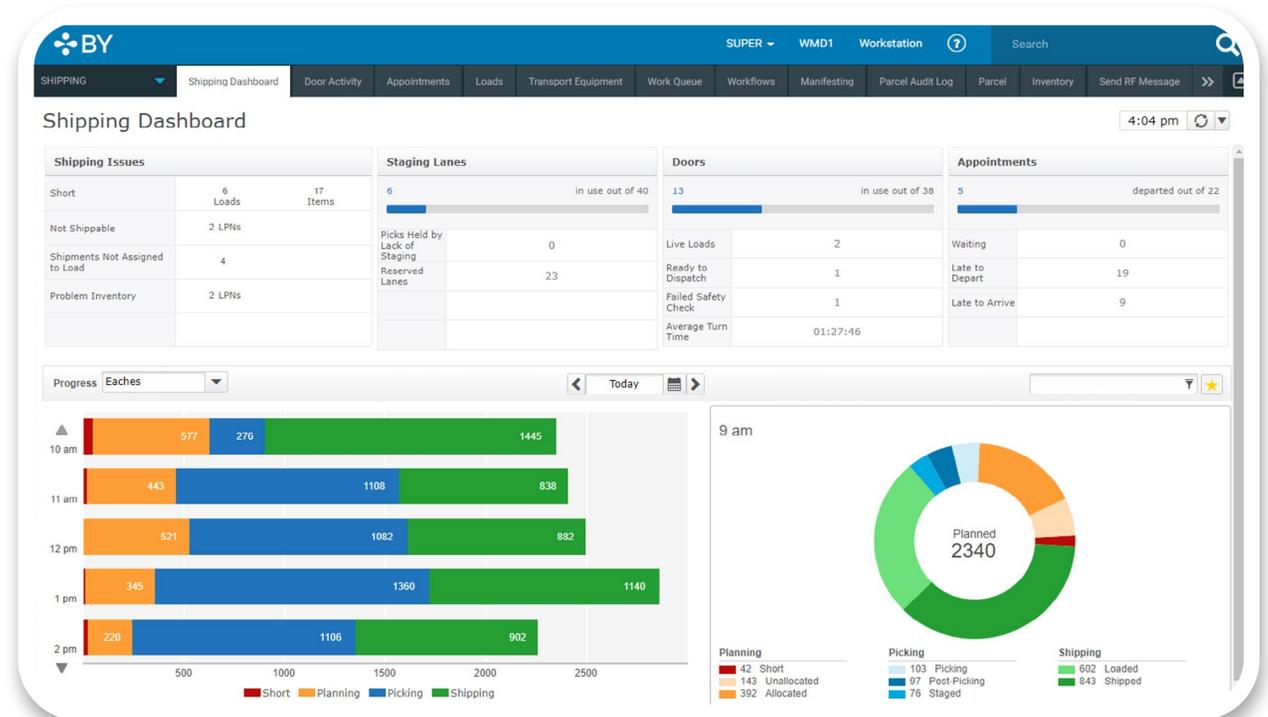
# Orchestrate Resources and Drive Efficiency

## Inbound and outbound execution from the extended network to end customer

Warehouse operations continue to evolve and require new, innovative technologies to keep pace with trends such as:

- Faster fulfillment speeds and limited resources
- More prevalent use of robotics
- Smaller order quantities and larger order volume
- More complex operations, automation, cobots, and demand spikes

Blue Yonder's Warehouse Management empowers businesses to deliver consistently high service at a low cost by driving change with real-time transaction processing, optimized storage and selection strategies, directed task management, integrated labor standards, and more.



# Journey to the Warehouse of the Future

Moving to Blue Yonder Warehouse Management in the cloud enables your facilities to take advantage of a broad set of capabilities. These SaaS-native solutions drive efficiency and lower operational costs.



### Warehouse Tasking

Reduce manual task assignment and management for significant administrative savings. Streamline capacities, prioritize tasks, and take into account the physical warehouse layout when scheduling execution tasks.



### Robotics Hub

Blue Yonder's robotics hub provides a flexible, vendor-neutral architecture for robotics integration. Rapidly and seamlessly onboard multiple vendors via a single, easy-to-use dashboard.



### Data Access Service

Use reporting tools that can develop future forecasts, marketing plans, and budget plans to improve day-to-day operations. Take advantage of advanced analytics to ensure warehouses are running at full optimization.



### Luminate® Portal

Enable access to a one-stop shop that grants visibility to real-time information across inventory, orders, and shipments, reducing their dependence on customer service.



# Peace of Mind with Microsoft Azure

Born in the cloud, Blue Yonder's partnership with Microsoft supports its broad vision to deliver intelligent logistics capabilities to organizations through a combination of advanced, intelligent, cloud platform capabilities.

Microsoft Azure's multilayered security protects critical data, ensuring peace of mind. Azure provides the innovation, flexibility, and security required to unlock a truly resilient and future-ready logistics network.



## Data as a Strategic Advantage

Maximize the value of your data using the secure and insights-generating analytics of Microsoft Azure. Drive exponential value across logistics activities through data-driven insight and intelligence-based decision-making.



## Digital Supply Chain Platform

Blue Yonder solutions allow you to make faster and more profitable business decisions by leveraging real-time, high-quality data.



## Industry/Analyst Recognition

Blue Yonder recognized as a Leader in the 2022 Gartner® Magic Quadrant™ reports for Warehouse Management Systems and Transportation Management Systems.<sup>7</sup> In addition, Microsoft recognized as a Leader in the 2021 Gartner Magic Quadrant for Cloud Infrastructure and Platform Services.<sup>8</sup>



## Digital Transformation at Scale

Our shared vision of digital transformation ensures that our customers get the most value from their technology investments throughout their journey.

# Taking the Journey Together

At Blue Yonder we are committed to being a SaaS-first company. We have more than 10 years of experience hosting cloud-based SaaS solutions for our customers.

Our Journey to the Cloud program is designed to help you every step of the way, from setting your project vision to implementing a successful conversion.

We help you get operational with existing capabilities and provide you with ways of introducing new innovations — at your own pace.

We're the partner you can trust to future-proof your supply chain execution capabilities. We're ready to pick up your IT burden so you can get back to focusing on what matters most to you.

## Blue Yonder Cloud Services

**99.97%**

uptime achieved

**300k+**

jobs executed per month

**500+**

cloud customers

**2.5m+**

users worldwide

**10,000+**

systems managed





# For More Information Visit

[Blue Yonder Luminate Logistics Page](#)

[blueyonder.com](https://blueyonder.com)

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<sup>1</sup> Gartner® Press Release, [“Gartner Survey Finds 74% of Logistics Leaders Expect Their Logistics Outsourcing Budget to Increase in the Next 2 Years,”](#) Dec 2021.

<sup>2,3</sup> Gartner® E-book, [The Top 8 Supply Chain Technology Trends 2022.](#)

<sup>4,5,6</sup> Gartner® E-book, [Reinventing Supply Chain for the Future, 2022.](#)

<sup>7</sup> Gartner, “Magic Quadrant for Warehouse Management Systems 2022,” Simon Tunstall, Dwight Klappich, Rishabh Narang, 1 June 2022. Gartner, “Magic Quadrant for Transportation Management Systems 2022,” Brock Johns, Oscar Sanchez Duran, Carly West, 29 March 2022.

<sup>8</sup> Gartner, [Magic Quadrant for Cloud Infrastructure and Platform Services](#), Raj Bala, Bob Gill, Dennis Smith, David Wright, Kevin Ji, 27 July 2021.