



Transportation Management

Transform and Optimize End-to-End Transportation Operations

Business context

The definition of operational excellence for transportation has been shifting. To satisfy the next era of omni-channel and hyperlocal fulfillment requirements, optimize operations, and tackle frequent global disruptions, shippers and logistics services providers (LSPs) are renewing their regional and global transportation processes and systems. Delivering to the right place and at the right time now requires a new level of velocity, visibility, intelligence, agility, and resiliency, in order to provide the required service levels to customers.

The Blue Yonder solution

Blue Yonder provides the most innovative, scalable, flexible, and cost-effective end-to-end Transportation Management (TM) to satisfy the current, emerging and future needs of large as well as SMB customers. From network design and modeling, to sophisticated planning and comprehensive execution, to in-depth real-time visibility of complex networks as well as last-mile delivery support, TM powered by AI/ML based Luminate platform are designed to enable shippers and LSPs to transform and optimize end-to-end operations and attain a new level of service levels, efficiencies, and control.

Blue Yonder has deep expertise and experience from successfully completing hundreds of deployments of integrated SaaS-based transportation management capabilities in retail, manufacturing, wholesale distribution, and logistics industries. We empower the world's leading companies as well as companies looking to implement new business models to enable autonomous Logistics, attain leap-frogging performance, and to drive agility and resiliency in order to capture the opportunities in the next era.



Real results

- Improve service levels by **40%**
- Improve logistics network spend by **8%**
- Increase capacity utilization by **12%**



Key Features

- **End-to-End planning**
Planning and optimization of regional and global inbound and outbound processes. Integrated fleet & common carrier planning for optimizing efficiency.
- **Transportation execution**
Advanced routing, mode, container, and service level optimization with inventory awareness across the supply chain. Automated execution and real-time shipment and item level visibility.
- **Transportation modeling**
Tactical modeling and integrated business analytics to enable network performance evaluation and savings quantification at the highest precision.
- **Interactive workflows with warehouse management**
Interactive and interactive planning and optimization workflows with Warehouse Management to ensure service level and resource optimization across transportation, warehouse and labor.

Capability offerings

Planning and optimization

Achieve leap-frogging improvements in service level and minimized costs with this industry leading end-to-end and highly scalable solution, which includes integrated fleet & common carrier planning and dynamic intercontinental planning to comprehensively support very large scale and SMB needs. The solution enables best last-mile results and iterative planning with WMS.

Execution

Increase executional performance and reduce risk with predictive exception management and capacity management. Ensure utilization and eliminate manual interventions with auto-replanning of schedules, and asset assignment.

Modeling

Quantify savings and opportunities, balance service level and cost tradeoffs, and prioritize the rollout of plans with this multi-user solution. It evaluates execution-level network performance and disruptions (like disasters and economic downturn/upturn) to drive reliability and savings.

Procurement

Negotiate the best possible rates with considerations of the entire network within one unified SaaS to manage bid engagements. It includes automated rate procurement and contract management to ensure best rates.

Order management & supplier collaboration

Take control of inbound and extend visibility of the supply picture by managing supplier performance compliance and by accurately confirming quantities and ship dates.

Network

Provide access to digitally enabled ecosystem through the connected network. Add resiliency and enable a market driven approach. Dynamic price discovery provides seamless access to dynamic pricing and capacity while freight capacity optimization eliminates empty miles.

Visibility and Event Management

Handle disruptions much earlier and increase resiliency with real-time tracking across all modes and exception management

Key benefits

- Planning, execution, and optimization for both inbound and outbound processes for regional and global scope.
- Maximized control, efficiencies and agility by taking advantage of the logistics network and partner ecosystem.
- Transformation of transportation processes with the introduction of advanced modeling, automated execution, dynamic capacity, centralized procurement, and appropriate digital capabilities.
- AI/ML-based advanced issue anticipation, proactive actions, capture of opportunities when for example changes in carrier pricing, capacity availability, and container load requirements occur.