Luminate Logistics

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Innovative solutions for the Next Era of Opportunities

Business context

Disruptions in the supply chain are preventing companies from meeting their customers' ever-accelerating expectations in the next era of omni-channel and hyperlocal fulfillment. Fierce competition from digitally enabled newcomers are encouraging shippers as well as logistics services providers to proactively take advantage of the newest technology to transform logistics into a key competitive differentiator. This new environment requires a new level of velocity, agility, and resiliency, in order to satisfy customers with the highest on-time in-full performance as well as to maintain profitability.

The Blue Yonder solution

Blue Yonder Luminate Logistics provides the most innovative and cost-effective end-to-end execution platform to drive flexible, fully autonomous distribution networks. Built on top of the industry's first AI/ML-based supply-chain platform, the solution enables real-time end-to-end visibility, dynamic capacity management, prescriptive decision-making, and proven automation. Luminate Logistics helps organizations recognize problems before they happen, get recommendations for action, and minimize risk while capitalizing on a broader set of opportunities made possible by much faster detection and prescriptive responses.

Real Results

Reduce transportation costs up to

10%

Increase service levels by

40%

Reduce warehouse and labor costs up to

50%

Elimination of manual tasks

80%

Key features

- **Integrated logistics planning and execution**
  Plan with an execution-based paradigm with end-to-end synchronization across all logistics areas and beyond.

- **Resource orchestration**
  Manage labor, AMRs, automation and transport as a seamless unit to drive efficient, rapid fulfillment.

Capability offerings

Transportation management

This robust solution transforms operations by optimizing and perfecting execution in multi-modal transportation networks. It enables seamless management of end-to-end processes from modeling to planning to last mile delivery. It offers real-time visibility into inbound and outbound and AI/ML-based decision-making to resolve executional problems and take advantage of opportunities such as price changes.

Transportation modeling

This strategic solution evaluates execution-level network performance to drive reliability and savings. Through what-if scenarios, the solution simulates the changing needs and facilitates planning of capacity through rapid modeling of requirements and on-going transportation analysis.

Logistics network

Our Logistics network provides access to a digitally enabled supply chain execution partner ecosystem. It adds to the level of resiliency and enables a market driven approach to consumption and provision. Dynamic price discovery provides an integrated and seamless access to dynamic pricing and capacity while freight capacity optimization eliminates empty miles.

Warehouse and Labor management

Warehouse and Labor management empowers you to deliver consistently high service at the lowest warehouse and labor costs. Drive changes with real-time inbound and outbound transaction processing, optimized storage strategies, and integrated labor management on a modern and seamless UI.

Warehouse tasking

Warehouse tasking unlocks warehouse efficiency by prioritizing activities holistically based on downstream commitments and constraints. It aligns resources at a task level towards the KPIs and simulate impacts in order to get to the best results.

Robotics hub

This SaaS-native solution enables accelerated onboarding of multiple robotic vendors in warehouses. It helps increase time-to-value, enhances operational flexibility, and removes vendor lock-in. It also improves visibility across different automation solutions through a single operations dashboard.

- **Logistics network**
  Enable access to a digitally-enabled ecosystem and a market-driven approach to consumption and provision, in order to achieve high levels of resiliency and lowering overall costs.
- **Frictionless SaaS**
  Robust "best in class" SaaS-based transportation, warehousing, fulfillment and labor capabilities for faster time-to-value.

Key benefits

- Fully optimize labor, distribution and fulfillment of inventory and goods.

- Improve omni-channel and direct-to-customer delivery performance.

- Improve customer loyalty with enhanced real-time visibility of inventory across warehouse, transportation and store operations to help sense, predict and pivot when disruptions occur.

- Increase customer satisfaction with seamless order orchestration and micro-fulfillment options.

- Reduce costs by taking advantage of the logistics network and partner ecosystem.

- Improve productivity with integrated labor, seamless robotics onboarding and resource orchestration.

- Reduce administrative overhead by reducing manual task manipulation and enabling focus on value-added activities.

Digital transformation is at your fingertips

To learn more, visit blueyonder.com

blueyonder.com/solutions/luminate-logistics

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