Luminate Logistics

Warehouse Management

Optimize service levels, throughput and cost in real-time

Business context

The accelerated transition to eCommerce, omni-channel, and hyperlocal fulfillment are causing shippers and logistics service providers (LSPs) to renewing their distribution networks with digital operations. The need to address higher fluctuations in demand and cater to more varieties of fulfillment and direct-to-customer orders are necessitating a new level of prioritization, resource orchestration as well as automation. In order to gain a competitive edge with improved fulfillment accuracy and throughput and address unforeseen levels of supply chain disruptions, shippers and LSPs are improving their inbound and outbound processes with next generation technologies.

The Blue Yonder solution

Blue Yonder Warehouse Management is a comprehensive and highly-scalable real-time SaaS solution with the most comprehensive task optimization capabilities to ensure every aspect of labor productivity and inventory movement are optimized. The market leading AI/ML-based solution integrates and synchronizes operations from the extended supply network to the retail store or to manufacturing customers.

Blue Yonder has been enabling companies to optimize their distribution networks for more than 35 years. To help customers stay ahead of competition, Blue Yonder has been actively investing in innovative capabilities across labor management, yard management, inbound operations, inventory management, work order processing, outbound operations, and third-party logistics operations. Persona-based and prescriptive mobile workflows enable users to handle the most pressing issues while managing day-to-day operations.

Real results

Increase throughput by

50%

Reduce fulfillment, storage and handling costs by

50%

Inventory visibility and accuracy of nearly

100%

Key features

- **Real-time inbound and outbound processing**
  Integrated process execution from extended supply network to the store in real-time.

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

Capability offerings

Yard management

Manage and streamline all aspects of the yard from equipment to dock doors to personnel for streamlined yard management to improve efficiency.

Inbound processing

Gain visibility into inbound shipments and optimized tasks to streamline operations with system-suggested storage location, cross-docking to identify critical inbound loads, and reverse logistics and returns processing to link to outbound orders for enhancing processing.

Inventory management

Enable control and full visibility from suppliers' production all the way through to the end user through inventory control, quality management, date / lot control, asset management, serial number tracking and cycle counting.

Integrated labor management

Determines the next, most optimal task with dynamic task management that includes intra-day planning to see concerns before becoming issues and shift labor and long-term planning to review and plan for future headcount requirements. Configurable escalation priorities for tasks, based on permissions, priority, and proximity.

Outbound operations

Optimize customer service at every step and ensure accuracy, timeliness, efficiency, and compliance. Support for multiple pick methods for travel time reduction, and pick efficiency. Touch screen enabled pack station with scan verification to capture UPC, lot, and serial number. Cartonization and pack station order consolidation with in-line parcel execution.

Parcel operations

Streamline outbound parcel operations with support for small parcel, LTL and international shipments, selection of best carrier and service based on customer business rules and priorities, and track & trace capabilities by direct link to carrier web sites.

- **Path optimization**
  Product flow and movement path to minimize travel and optimize throughput.
- **Intuitive & configurable user experience**
  Users are empowered with more flexibility, real-time responsiveness and prescriptive mobile workflows to easily manage complex warehouse operations.

Key benefits

- Enablement of a digital environment and optimization of every operation step to ensure accuracy, efficiency, compliance and desired customer service.

- Effective inventory management enables control, visibility, and accuracy from suppliers' production all the way through to the end user.

- System-directed work for cycle counting provides 99+ percent accuracy, virtually eliminating the need for traditional cycle counting.

- Rapid response from distribution centers and hubs necessary to offer customer in-store fulfillment services, such as click and collect.

- Faster time-to-value with implementation templates, simplified process changes, better onboarding, and quick implementations. Business needs are met without the customizations used to make upgrades painful and costly.

Digital transformation is at your fingertips

To learn more, visit blueyonder.com

Open Sky Group

www.openskygroup.com

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