Warehouse Management Operations

Warehouse management built for the future

Evolve how you run the warehouse with cognitive capabilities for complex dynamic warehouse operations with endless adaptability and continuous improvement

Business challenge

Shippers and logistics service providers (LSPs) are challenged with managing their warehouses in an increasingly demanding environment.

Warehouses are challenged to perform more complex processes, achieve near-perfect inventory accuracy and deliver high throughput—all while meeting more aggressive shipping cut-off times.

Meanwhile, this must be done cost efficiently to offset heightened labor and resource cost pressures. These factors intensify the demand for advanced warehouse management systems to serve as the mission-critical system that intelligently manages and orchestrates today's dynamic warehouse operations.

Warehouse Management Operations Capability

As one of our Warehouse Management Solution's (WMS) capabilities, Warehouse Management Operations is built to efficiently manage four wall warehouse operations within the extensive end-to-end warehouse solution.

The comprehensive range of features and functionality includes intelligent put-away, direct cross-docking, advanced inventory management, system directed build-to-stock and build-to-order production lines, wave planning with configurable rules, numerous pick methods that can be deployed simultaneously, and efficient staging, loading, and shipping.

Adapt the capabilities to the unique needs of diverse warehouse operations. An expansive library of configuration settings allows for easy configurability to meet distinct and evolving requirements. Configurable workflows enable users to develop automatic processes to their preferences. Extensibility tools

Metrics

Increase throughput by

50%

Reduce fulfillment, storage and handling costs by

50%

Achieve inventory visibility and accuracy of nearly

100%

empower customers to develop screens and logic that present information tailored to their specific needs.

Capability highlights

Inbound processing

- Gain visibility into inbound shipments, identify discrepancies and streamline operations with system-directed receiving and unloading, intelligent put-away, and directed cross-docking.

- Efficiently conduct reverse logistics operations with rules-based disposition and next-step processing such as return-to-stock.

Inventory management

- Optimize the storage, handling, movement, and tracking of all types of raw materials, work-in-process and finished goods inventory.

- Apply an extensive range of inventory attributes, movement rules, stock rotation strategies, aging and allocation profiles, and replenishment types to intelligently direct and utilize inventory and resources.

Production management

- Seamlessly manage kitting, assembly, disassembly, and light manufacturing from line scheduling through finished good receipt for build-to-stock or build-to-order environments in the warehouse.

- Plan work orders based on sequence or priority and leverage multilevel BOMs to direct the work order process.

- Allocate component items and deliver to processing locations while tracking components and their attributes. Receive, reconcile, complete, and close.

Outbound operations

- Optimize outbound operations with accurate, timely and efficient processing to achieve customer service excellence.

- Utilize comprehensive wave planning to logically group orders for efficient processing. Implement intelligent systems for multi-method order picking, packaging and sequenced loading that maintain document compliance throughout the process.

- Streamline outbound parcel operations with seamless parcel vendor agnostic interface.

Key benefits

- Expansive range of features and functions established over decades of customer-centric development assure that specific and diverse requirements and proven practices are supported.

- Intuitive and comprehensive configurability supports intricate business processes and adaptability without costly customizations.

- Sophisticated processes optimize productivity, performance and efficiency across every step of your warehouse operation.

- Advanced inventory management functionality supports targeted practices.

Key features

Advanced functionality

- Industry-leading breadth and depth of features and functionality supporting the world's most complex warehouse operations

Configurable user experience

- Expansive library of configuration settings and workflows for precision and adaptability

Sophisticated process

- Sophisticated product flow, movement paths, allocation, and task processing for optimal performance

Comprehensive inventory management

- Extensive inventory status, movement, rotation, handling, treatment, and tracking capabilities

One solution for the entire warehouse

Warehouse Management Operations is just one of the many capabilities included with the WMS.

Our next-gen WMS builds on 25 years of proven, robust capabilities with paradigm shifting innovation to better predict, plan, adapt, and unify warehouse operations.

To learn more about building the warehouse for the future

Contact your Solution Rep or visit blueyonder.com

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