

Distribution Management Solutions



“Without Manhattan’s Warehouse Management solution, we could not have achieved the growth we have to date.”

— GUESS?, Inc.

Get Ready for Next-Generation Fulfillment

From suppliers’ loading docks to your customers’ front doors, your distribution network extends far beyond the warehouse walls. Today more than ever, there’s a face on every order—and the price of customer loyalty is that each order is treated with unprecedented care and attention. In an environment with multiple distribution centers and scores of suppliers, 3PLs and customers around the world, just having visibility to the complete distribution process can be challenging.

Manhattan’s Distribution Management automates every link in even the most complex supply chains. Anchored by our industry-leading warehouse management solutions, Distribution Management provides a comprehensive set of solutions to help you connect inbound and outbound operations and increase product velocity, customer service and efficiency across your distribution operations.

Solution Components

Distribution Management Solutions include:

Warehouse Management

The industry's leading Warehouse Management solution speeds the flow of goods and information to enable flawless execution across inventory, labor, space and compliance. Mobile capabilities allow supervisors and managers to quickly drill down into exceptions and address issues more quickly.

Features + Functions

- Streamline inventory receiving processes with cross-docking, quality audit and vendor performance
- Eliminate costly physical counts with auditor-approved cycle counting functionality
- Support sophisticated warehousing needs, including value-added services, lot management, serial number tracking and product recalls
- Accommodate omni-channel and/or multi-tenant fulfillment
- Leverage advanced fulfillment logic for wave management, constraint-based selection, real-time replenishment and advanced order cartonization
- Automate information capture via RF, voice and material handling equipment technologies
- Utilize integrated transportation execution, including freight bill reconciliation, zone skipping/LTL pooling and rate shopping

Labor Management

Forecast workforce requirements, optimize schedules, track productivity and calculate incentive pay to reduce costs while improving employee engagement. Mobile capabilities move supervisors out onto the warehouse floor where they can better interact with their teams.

Features + Functions

- Understand how staff is performing against engineered standards
- Use 'what-if' analysis to determine optimal staff composition
- Forecast and plan labor by day, shift, job and zone
- Forecast staffing requirements and optimize employee schedules
- Optimize overtime, regular and temporary labor based on demand forecasts
- Use mobile capabilities to facilitate more supervisor time spent on the floor with real-time data on employee productivity and performance
- Calculate incentive pay and feed into payroll systems

Ditch the Desk. **GO MOBILE.** DM MOBILE TABLET APP

Today's DC environment demands quick access to information—not only for sharing, verifying and altering order fulfillment tasks and other time-sensitive data—but also for driving engagement and productivity among warehouse associates where they work.

Manhattan's DM Mobile allows distribution managers to break away from the desk by providing everything they need to interact and affect change among employees and tasks on the warehouse floor. Combining data and functionality from both Warehouse Management and Labor Management solutions, DM Mobile allows distribution managers to:

- Systematically record active interactions with employees, including observations and performance measurements
- Review work in the warehouse by wave, job function and task/activity
- Put a task on hold, re-prioritize a task, assign a task to an employee or release a set of tasks to be completed
- Monitor, plan and forecast work in real-time
- Track the status for a particular customer, including order look-ups and wave progress



Slotting Optimization

This powerful solution increases picking efficiency, reduces replenishment requirements and maximizes throughput by determining the best slot locations for all products in the DC.

Features + Functions

- Easily set and re-set warehouse pick locations by season or on demand
- Strategically group items for rapid fulfillment and update placement based on trends and variations
- Use product characteristics and velocity to calculate a relative value for each potential placement
- Aggregate values for all products, compare millions of move combinations against user-configured strategies
- Simulate different rule sets to find optimal configurations with scenario management capabilities

Billing Management

A flexible, activity-based solution for 3PLs that uses time-based rules to streamline cost calculations and the invoicing process—dynamically managing the billing process across all facilities.

Features + Functions

- Implement activity-based billing to optimize profits
- Assign charges for warehouse processes including inventory storage
- Generate invoice reports for tenants or business units