

MANHATTAN SCALE™



SUPPLY CHAIN TECHNOLOGY THAT'S SCALED TO FIT AND READY TO RUN

Today's commerce revolution has created unprecedented challenges for companies seeking to meet the ever-changing demands of a digital world. With customer expectations around speed of delivery continually upping the ante, the pressure is on distributors to constantly increase performance. That means supplying more channels from a single inventory, with current or reduced staff, while delivering an exceptional customer experience — at a faster, more efficient pace.

Technology can help meet these goals, but it takes expertise to conquer new challenges with wearable devices, intelligent integration between those devices, ease of access, and the general push to an "always on, always optimizing, always current" warehouse management solution. That's why leading companies worldwide choose Manhattan SCALE to run their distribution operations. We proudly set the standard for leading-edge, highly mobile warehouse management system (WMS) technology and innovation.

"The only thing that is constant is change. You have to be flexible, adaptable and nimble in an industry that's very competitive. We've found a strategic partner in Manhattan Associates — a company that will flex with us as we move forward."

VERA BRADLEY

 **Manhattan**
Associates®



Manhattan SCALE provides an ideal blend of features, functions and technology to solve complex supply chain execution challenges, regardless of where it is deployed — whether on premises or leveraging the power and flexibility of the cloud.

AN AGILE, ADAPTABLE WAREHOUSE MANAGEMENT SOLUTION

The solution enables your organization to affordably achieve its goals using a carefully selected set of tools and capabilities.

Manhattan SCALE customers enjoy a touch-enabled, user-friendly interface coupled with a rapidly deployable, easy-to-use, proven solution. This environment is highly configurable and minimizes dependence on internal IT resources to provide a low total cost of ownership (TCO). That means your business can realize big benefits right out of the gate.

CHOOSE A DEPLOYMENT OPTION THAT'S RIGHT FOR YOUR BUSINESS

Manhattan SCALE is available across a variety of deployment options — public cloud, private cloud, managed/hosted or on premises — to serve an array of needs, capabilities and budgets.

A part of our Manhattan distribution solutions, Manhattan SCALE is available in a Manhattan-hosted cloud option. Within that setting, annual upgrades provide the latest version of an application so you can take advantage of new features and functions. Our Manhattan SCALE cloud upgrade service includes the option to automatically migrate custom extensions.

EXECUTE FLAWLESSLY ACROSS INVENTORY, LABOR AND SPACE

Manhattan SCALE allows you to boost warehouse productivity, space utilization and employee engagement, with responsiveness to adapt to planned and unexpected demand changes. Using advanced, proprietary algorithms to mathematically organize and optimize operations, Manhattan SCALE speeds the flow of goods and information to enable flawless execution across inventory, labor and space, while ensuring compliance with industry regulations and standards.



SOLUTION COMPONENTS

Built for ease-of-information access from any location or device and the efficient fulfillment of orders regardless of channel, Manhattan SCALE includes capabilities for warehouse, labor, trading partner and yard management, as well as transportation execution and supply chain analytics.

WAREHOUSE MANAGEMENT

Fine-tune your facility with a more efficient layout, better utilized resources, streamlined inventory, and flawless order fulfillment. Improve SKU distribution to increase picking accuracy and efficiency, and ensure bills are accurately generated to reflect contracted prices.

Features + Functions

- Engage team members with a modern, touch-enabled user experience.
- Enhance warehouse layout for faster fulfillment and overhead reduction.
- Improve order accuracy and reduce safety stock.
- Simplify order fulfillment by optimizing how orders are aggregated, picked and shipped.
- Leverage best-in-class wave management features to streamline processes.
- Automate picking, packing, and shipping, while minimizing the number of moves per order.
- Use the latest companion technologies including mobile, voice, radio frequency and various MHE.
- Analyze every facet of order fulfillment to accelerate processing and improve customer service.

LABOR MANAGEMENT

Improve performance while reducing costs. Maximize labor resources through planning and monitoring.

Features + Functions

- Monitor labor across your warehouse.
- Track associate time and project task duration; provide synchronized performance reporting.
- Gain visibility into assigned and completed work, optimize schedules and ensure focus on top priorities.
- Forecast labor needs accurately, improve labor efficiency and reduce overtime hours.
- Achieve peak productivity of your picking and replenishment labor.
- Maintain strategic product groupings for improved customer service.

TRADING PARTNER MANAGEMENT

Extend supply chain capabilities and automate communications to keep inventory flowing smoothly, respond to orders quickly and provide a customer-facing online portal.

Features + Functions

- Provide real-time exchange of business information.
- Manage orders, inventory, receipts and shipments through your supply chain.
- Gain visibility across your network.

SUPPLY CHAIN INTELLIGENCE

Eliminate manual reports and get meaningful, real-time data for evaluating performance of employees, logistics partners and facilities.

Features + Functions

- Share data, alert functions, views and reports across your organization and with trading partners.
- Provide scorecard functionality that measures and evaluates performance.
- Enable creation of customized and ad-hoc reports and dashboards to monitor departmental activities and measure performance against company goals.
- Identify problem areas to improve both processes and relationships with trading partners, and to reduce costs.
- Simplify tracking of critical information, such as transportation, distribution and labor data.
- Streamline cost tracking and analyze cost data using time-based rules.

YARD MANAGEMENT

Know trailer positions and status instantly. Schedule arrivals by dock and reduce loading and unloading time.

Features + Functions

- Gain visibility into all trailers and other assets in the yard and their precise locations.
- Use radio frequency technology to ensure accuracy of the trailer and dock positions when moving trailers from yard to dock.
- Provide efficient appointment management, enhance security and ensure compliance with hours-of-service regulations.

TRANSPORTATION EXECUTION

Manage your transportation activities so you can coordinate, redirect and stay on schedule.

Features + Functions

- Reduce transportation costs with optimized routing, rate shopping and carrier selection.
- Minimize freight spend via shipment consolidation.
- Provide robust rating structure support for all major carrier types.
- Manage and track all major parcel carriers' shipments.
- Generate compliant shipping labels.
- Eliminate address correction charges via Address Validation.
- Provide customer-facing track and trace via web portal or plug-in to your system.



WHY MANHATTAN SCALE™?

With over 25 years of focus and investment, Manhattan Associates is the recognized industry leader in supply chain management, delivering proven results at hundreds of customer locations around the globe. Manhattan SCALE helps organizations optimize operations, adapt to market and demand changes, and quickly iterate and innovate. With our cloud-based option and mobile capabilities, your distribution center will have technology that stays current and is seamlessly interconnected — empowering supervisors and employees to work more efficiently and productively.

“We chose Manhattan SCALE as our strategic fulfillment solution based on a number of factors, including functionality, extensibility, ease and speed of implementation, global support capability, and total cost of solution ownership.”

YUSEN LOGISTICS



MANHATTAN ACTIVE™ SOLUTIONS

ALWAYS CURRENT

SEAMLESSLY INTERCONNECTED

CONTINUOUSLY ADAPTIVE



MANHATTAN ACTIVE OMNI

OMNICHANNEL COMMERCE

ORDER MANAGEMENT
CUSTOMER ENGAGEMENT
POINT OF SALE
CLIENTELING
STORE INVENTORY MANAGEMENT
STORE ORDER FULFILLMENT



MANHATTAN ACTIVE INVENTORY

FORECASTING & REPLENISHMENT

DEMAND FORECASTING
REPLENISHMENT
VENDOR MANAGED INVENTORY
MULTI-ECHELON
SALES & OPERATIONS PLANNING

PLANNING

FINANCIAL PLANNING
ASSORTMENT PLANNING
STORE PLANNING
STORE CLUSTERING
ITEM PLANNING
PROMOTIONAL PLANNING



MANHATTAN ACTIVE SUPPLY CHAIN

DISTRIBUTION

WAREHOUSE MANAGEMENT
LABOR MANAGEMENT
SLOTting OPTIMIZATION
BILLING MANAGEMENT

TRANSPORTATION

MODELING
PROCUREMENT
PLANNING & EXECUTION
FLEET MANAGEMENT
AUDIT, PAYMENT & CLAIMS
CARRIER MANAGEMENT

EXTENDED ENTERPRISE

SUPPLIER ENABLEMENT
HUB MANAGEMENT
APPOINTMENT SCHEDULING
YARD MANAGEMENT

EVENT MANAGEMENT / VISIBILITY / INTELLIGENCE

MANHATTAN ACTIVE INTEGRATION PLATFORM