

Manhattan Active®

Supply Chain Planning

Unified Supply Chain Planning

Manhattan Active Supply Chain Planning (SCP) is not just a solution – it's a revolution in supply chain planning. Experience the power of a system designed to adapt, predict, and evolve, transforming the way supply chains respond to the demands of a dynamic world.

Unified, Optimized Planning has Arrived

Manhattan Active Supply Chain Planning optimizes all your inventory and the systems needed to move it. It delivers unprecedented agility to coordinate distribution, transportation, labor and inventory from supply to the shelf. Because they work in concert, your operations are optimized continuously, around the clock.

A New Solution for New Realities

Manhattan Active SCP simplifies planning by unifying demand forecasting, replenishment and allocation in one, cloud-native application. It also optimizes inventory allocation across the retailer's multiple locations, giving each store the right amount of stock based on its specific demand patterns. That means higher forecast accuracy, fewer stockouts and faster time to market. In short, your inventory is in the right place at the right time.

Ding-dong, the nightly batch is dead

For the first time, a planning solution has advanced AI and machine learning to synthesize external trends data with internal information and history, optimizing allocation and replenishment strategies. Real-time data processing means you're always operating with the most current information, enabling faster, more accurate decisions. Say hello to precision and good-bye to the nightly batch.

Expand with Confidence

Entering new markets? Want to make a trial product permanent? With Manhattan Active SCP, you don't have to change the inventory plan. That's because it IS the plan. Simply switch from allocation to replenishment. Immediately, transportation knows about new shipments, labor assigns new tasks and slotting starts pulling new inventory.

Future-Proof Your Operation

The power of cloud-native technology means you're set up to succeed today and into the future. Manhattan Active SCP automatically scales to meet demand, is fully extensible, never needs an upgrade, and adds new innovations every 90 days – forever. It's intuitive, and engineered to help you meet today's challenges and capitalize on every opportunity.

Better Technology for Better Results

Unprecedented industry transformation has created obstacles that are unsolvable for legacy technology. Enter Manhattan Active Supply Chain Planning – the first truly unified business planning solution on a microservices API, cloud-native platform. The future starts now.

Demand Forecasting

Master Your Demand with AI-Powered Forecasting

Accurately predicting demand is the cornerstone of supply chain success. Part of Manhattan Active Supply Chain Planning, our demand forecasting harnesses the power of machine learning to deliver unparalleled accuracy and efficiency.

Our Differentiators

- › Unified Forecasting Methodology: Combine statistical modeling, machine learning and data-driven insights for comprehensive demand prediction
- › Intelligent Automation: Automate routine tasks like demand cleansing, seasonal profiling and exception management
- › Adaptability: Continuously learn and react to changing market conditions.
- › Scalability: Handle vast product assortments and complex distribution networks with ease
- › Granular Insights: Provide detailed forecasts at multiple levels, including product, location, channel and customer

Key Benefits

- › Improved Forecast Accuracy: Reduce stockouts and overstocks, optimizing inventory levels.
- › Enhanced Decision Making: Gain valuable insights to inform strategic planning and tactical execution.
- › Increased Efficiency: Automate routine tasks and streamline forecasting processes.
- › Optimized Profitability: Drive top-line growth and bottom-line performance.

Dynamic Demand Forecasting

Sense and respond dynamically to changes in demand trends and patterns. Independently forecast demand levels and occurrence frequencies while filtering out non-essential exceptions. Detect and self-correct network-wide demand pattern changes to ensure your forecasts remain accurate and reliable.

Advanced Exception Management

Benchmark manual forecast changes against system-maintained demand forecasts for unmatched accuracy. Manage audit trails of forecast exceptions, optimize inventory by customer, and protect demand history integrity. Gain intelligent event-impact analysis and track promotional impacts separately for precise forecasting.

Promotional Modeling

Navigate the complexity of overlapping promotions with Manhattan's data-driven promotional modeling. Unravel concurrent promotional noise using machine learning to forecast accurately across all SKUs and events. Gain actionable insights, improve future promotions, and minimize margin erosion with precise demand predictions.



Replenishment

Maximize Sales, Protect Your Brand and Satisfy Customers

Replenishment for Retailers

Retailers face the challenge of balancing inventory investment across various selling channels while fulfilling orders from anywhere. Manhattan Active Supply Chain Planning's replenishment capability uses embedded simulations to fine-tune your strategies, ensuring maximum return on investment. Our exception-based workflows guide inventory analysts through critical daily tasks.

Capabilities

- › Eliminate unnecessary inventory
- › Reduce out-of-stock impacts
- › Improve customer service and order-fill rates
- › Increase inventory analyst productivity
- › Facilitate business growth without significant inventory increase
- › Rebalance inventory across the network

Features

- › Prioritize business processes with a personalized daily agenda
- › Monitor inventory health with performance metrics and data visualizations
- › Personalize the replenishment experience
- › Manage buying team performance with metric-based improvements



Replenishment for the Wholesale Industry

More Ways to Protect Margins

For wholesalers, optimizing replenishment is key to protecting margins. Manhattan's Customer-Centric Inventory Optimization provides discrete analysis and demand forecasting for strategic customers, even with guaranteed service levels. This enables wholesalers to achieve high order-fill rates with minimal inventory at the lowest cost, which is critical in a low-margin industry.

Why Choose Manhattan Active Supply Chain Planning?

- › Precision and Efficiency: Embedded simulations and exception-based workflows streamline inventory management
- › Customer-Centric Optimization: Tailored analysis and forecasting for strategic customers
- › Scalability: Support business growth without a significant increase in inventory
- › Advanced Analytics: Monitor performance with real-time metrics and data visualizations



Allocation

Make Distribution of Short-Lifecycle Inventory More Precise

Allocation in Manhattan Active SCP unlocks unprecedented precision in managing short-lifecycle inventory – even in the most complex retail supply chains. Adaptive tools, real-time insights and cloud-native technology deliver maximum agility with minimal markdowns and stranded inventory. Welcome to more intelligent allocation.

Intuitive Agility

- › Define, preserve, learn, and reuse the highest-performing fulfillment strategies year over year
- › Enable logic tuning to best fit any business model
- › Simulate inventory performance based on the allocation strategy

Designed for Omnichannel

- › Fully incorporate all store-based fulfillment of digital demand
- › Control allocation optimization for each fulfillment experience, including stores
- › Monitor sales performance by channel and fulfillment experience
- › Easily adjust allocation strategies to fulfillment offerings

Better Technology for Better Results

Manhattan Active SCP optimizes inventory allocation across the retailer's multiple locations, giving each store the right amount of stock based on its specific demand patterns. With precise demand forecasting, efficient replenishment processes, and optimal allocation, Manhattan Active SCP offers superior technology and performance.



