

Manhattan Active®
**Supply Chain
Planning**

The Game- Changing Power

of Manhattan Active® Supply Chain Planning

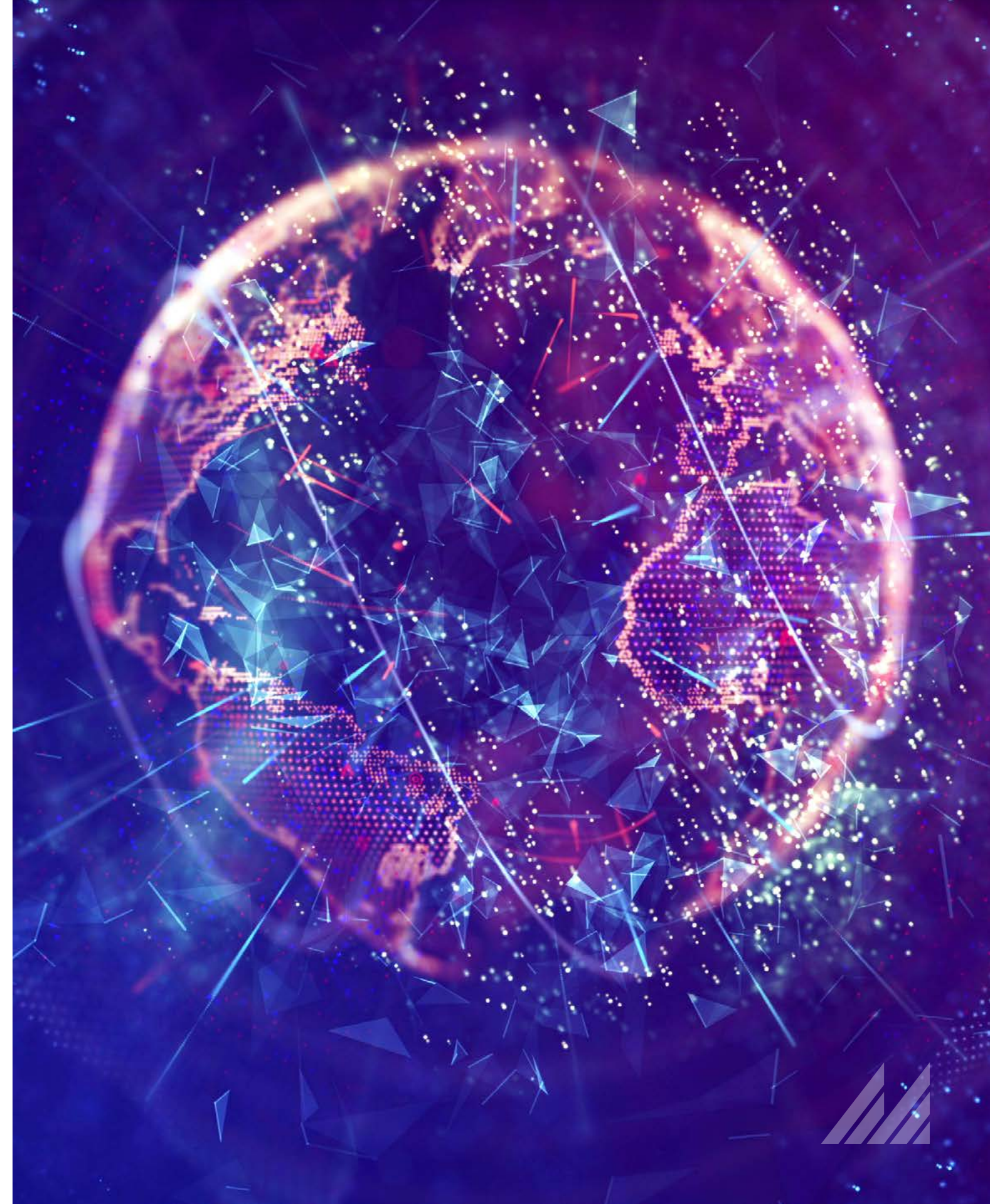


 **Manhattan®**

A Revolution from Forecast to Fulfillment

Rapid shifts in consumer demand, the need for real-time data and omnichannel fulfillment challenges require agile, intelligent and efficient solutions. Enter Manhattan Active Supply Chain Planning (SCP)—a groundbreaking platform designed to unify forecasting, replenishment and allocation, enabling retailers to meet these modern challenges head-on.

Manhattan Active SCP is specifically designed to help retailers master forecast accuracy; optimize their supply chain operations; and improve profitability, responsiveness and customer satisfaction.



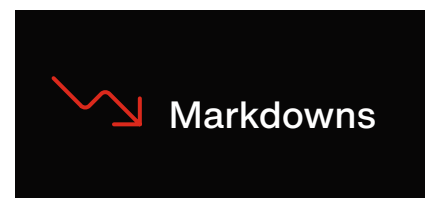
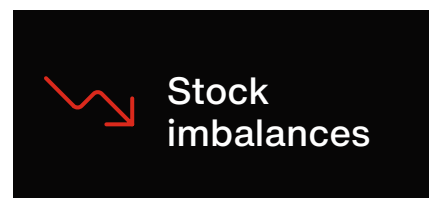
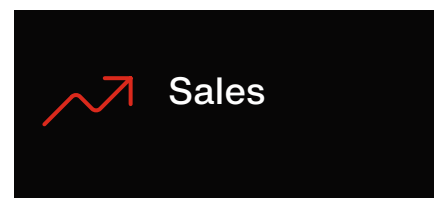
Unified Forecasting, Replenishment & Allocation

A Single Platform for Inventory Optimization

In traditional supply chain systems, demand forecasting, replenishment and allocation are siloed applications, leading to inefficiencies, overstocks or stockouts. Manhattan Active SCP unifies these functions in one cloud-native platform, allowing continuous, real-time adjustments based on the latest demand signals.

- › **Seamless Unification:** Forecasting, replenishment and allocation work in harmony, reducing stockouts and excess inventory across all product types—whether long or short lifecycle.
- › **Adaptive Inventory Management:** Automatically switch from allocation to replenishment strategies as market conditions evolve, improving agility.

Performance Gains



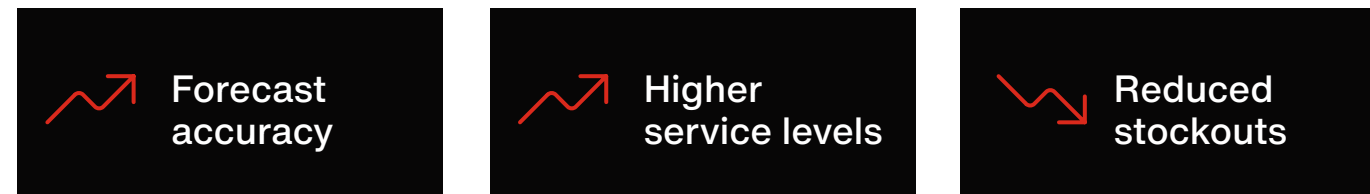
Unified Forecasting Method with Artificial Intelligence

Harnessing the Power of Hybrid AI for Demand Accuracy

Manhattan's Unified Forecasting Method (UFM.ai) combines traditional statistical models with artificial intelligence for unparalleled forecasting accuracy. This hybrid AI approach continuously refines forecasts by analyzing a wide array of external and internal data points.

- › **AI-Powered Forecasting:** Leverages external data like social media trends and weather patterns, combined with historical sales and internal trends.
- › **Improved Forecast Precision:** Machine learning continuously learns from demand shifts, allowing more precise forecasting even for complex demand patterns.

Performance Gains



Customer-Centric Demand Planning

Real-Time, Personalized Inventory Management

With customer-centric demand planning, retailers can offer a more tailored customer experience by optimizing inventory across all channels, in real time. This approach helps businesses align inventory strategies with shopper behaviors, fulfillment preferences and omnichannel services such as buy online, pickup in-store.

- › **Omnichannel Fulfillment:** Ensures inventory is correctly segmented for various fulfillment options like curbside pickup or next-day delivery.
- › **Forecasting by Fulfillment:** Understand demand patterns by fulfillment type, avoiding overstocks and improving service levels.

Performance Gains

Enhanced customer experience

Higher Net Promoter Scores

Better demand alignment



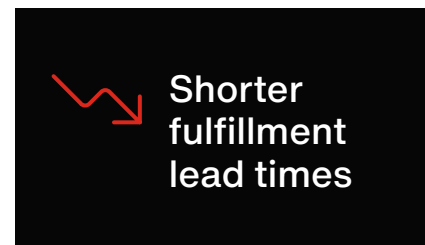
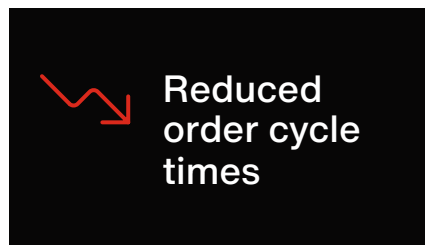
Responsive Intraday Inventory Optimization

Real-Time, Agile Inventory Management

Manhattan Active SCP's responsive intraday inventory optimization empowers businesses to make smarter, faster decisions with continuous updates on demand and sales data. It enables real-time adjustments without relying on batch processes, ensuring that inventory strategies are always aligned with the latest information.

- › **Zero Latency:** Order fulfillment is constantly optimized, ensuring products are always available when and where they are needed.
- › **Instant Adjustments:** Adjust replenishment plans on the fly, responding immediately to demand fluctuations or operational changes.

Performance Gains




Unified Business Planning

Eliminating Silos for Complete Supply Chain Harmony

Unified business planning takes a holistic approach by unifying inventory, labor, distribution and transportation into a single, dynamic, real-time plan. This eliminates the inefficiencies of siloed operations and ensures that all resources are continuously optimized to meet the enterprise's overarching goals.

- › **Real-Time Coordination:** Synchronizes planning and execution across the entire supply chain, from warehouses to distribution centers and transportation networks.
- › **Bi-Directional Collaboration:** Planning systems don't just inform execution; they continuously coordinate to ensure seamless alignment across all operations.


Performance Gains



Cross-functional alignment



Operation efficiency



Reduced transportation



Labor costs



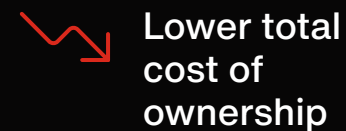
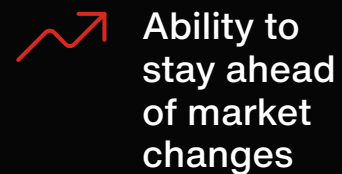
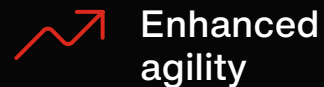
Evergreen, Extensible & Cloud Native

A Future-Proof Platform Built for Agility

Manhattan Active SCP is built on a cloud-native, microservices-based architecture, ensuring continuous innovation with zero downtime. The platform is designed to grow with your business, providing automatic updates and new innovations every 90 days, and allowing for effortless customization through API-first extensibility.

- › **Evergreen Solution:** Always up to date with the latest features and improvements.
- › **Extensibility:** Customize and configure the platform to meet specific business needs without the need for complex upgrades.

Performance Gains



The Future of Supply Chain Planning is Here

In an era where agility, precision and real-time responsiveness are necessities, Manhattan Active SCP has redefined what's possible. With unified forecasting, replenishment and allocation—and powered by hybrid AI—Manhattan Active SCP is the only solution that can continuously optimize your entire supply chain, delivering competitive advantages and helping you meet ever-increasing expectations of today's consumers.

Are you ready to transform your operations?

Contact us today to learn more or to schedule a demo of Manhattan Active Supply Chain Planning.

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