Distribution Network Automation Company



Overview

Manhattan''s Warehouse Management solves these challenges by unifying distribution operations on a single platform.

Key Takeaways

Leading companies like Manhattan Associates, ITOrizon, and Dematic provide comprehensive distribution network automation solutions, integrating warehouse management, robotics, and AI-driven supply chain optimization.

Key Companies and Services

Manhattan Associates offers the Manhattan Active® Warehouse Management System (WMS), a cloud-native platform that unifies warehouse operations, labor management, and automation. Their system supports seamless integration with robotics and third-party automation, enabling real-time orchestration of tasks, intelligent order streaming, and AI-driven allocation for optimized pick density. It provides full visibility across facilities, allowing managers to monitor performance, adjust workflows dynamically, and improve efficiency and productivity across retail, wholesale, and direct fulfillment channels.

IT

Orizon specializes in implementing and managing Manhattan Active WMS solutions. They integrate material handling equipment (MHE) such as conveyors, carton sorters, and scales with warehouse control systems (WCS), and connect WMS with third-party shipping software like UPS, FedEx, and TrueCommerce.

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IT

Orizon provides managed services, consulting, and continuous support to ensure smooth operations, rapid deployment, and optimization of multi-channel order management and inventory segmentation. Dematic delivers end-to-end supply chain automation solutions, including warehouse management, material handling, logistics software, and consulting services. Their offerings focus on integrating intelligent automation, robotics, and software to optimize distribution networks, improve throughput, and enhance operational efficiency.

Dematic emphasizes long-term performance and partnership, providing tailored solutions for complex distribution environments.

Features of Distribution Network Automation Services

Unified Automation: Integration of robotics, conveyors, and automated storage systems with WMS for seamless task execution. AI-Driven Optimization: Machine learning algorithms for order allocation, pick path optimization, and labor management.

Real-

Time Visibility: Digital twins and dashboards to monitor facility performance, inventory, and workforce productivity.

Scalable and Vendor-

Agnostic: Ability to connect multiple automation vendors and adapt to evolving operational needs. Managed Services: Continuous support, consulting, and system enhancements to maintain efficiency and reduce downtime.

Benefits

Increased operational efficiency and throughput. Reduced manual errors and labor costs. Enhanced visibility and control across the distribution network.

Faster adaptation to changing demand and multi-channel fulfillment requirements. Improved workforce engagement through intelligent task management. These companies provide a combination of technology, integration expertise, and managed services to help businesses automate and optimize their distribution networks, ensuring scalability, efficiency, and real-time operational control.

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Article Content

Warehouse Management Systems & WMS Solutions | Manhattan

Manhattan''s Warehouse Management solves these challenges by unifying distribution operations on a single platform. It integrates supply chain demand planning with inventory visibility, automation

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Retail and Supply Chain Software Solutions | Manhattan

Empower your retail associates with a cloud-native POS that provides visibility of your entire retail network and a 360-degree profile of every customer interaction with your brand—creating a

NEFF Automation | Industrial Automation Solutions Provider

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Distribution Automation | Siemens

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Corporate

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Global technology leader in electrification and automation. ABB helps industries run at high performance, while becoming more efficient, productive and sustainable.

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Trials and Demos

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