

distribution management

Warehouse Management

Streamline inventory receiving processes with cross-docking, quality audit and vendor performance

Reduce write-offs with auditor approved cycle counting

Meet sophisticated warehousing needs:

- value-added services
- lot management
- serial number tracking
- product recalls

Accommodate multi-channel and/or multi-tenant fulfillment

Gain advanced fulfillment logic:

- wave management
- constraint-based selection
- real-time replenishment
- order cartonization

Automate information capture via RF, voice, material handling equipment and RFID technologies

Utilize integrated transportation execution:

- freight bill reconciliation
- zone skipping/LTL pooling
- rate shopping

Slotting Optimization

Easily set and re-set warehouse location by season, or by demand

Get to fast-moving items as quickly as possible

Determine optimal location by SKU

Improve warehouse organization to assure maximum picker productivity

Lower replenishment volumes by replenishing more often

Labor Management

Optimize labor allocation and lower costs by 15% to 30%

Harness the power of the workforce efficiently

Understand how staff is performing against engineered standards

Reduce labor expenses, which average 55% of warehouse cost

Use "what-if" analysis to determine optimal staff composition

Forecast and plan labor by day, shift, job and zone

Track activity-based labor costs by job function, customer, 3PL client, store and vendor

Billing Management

Implement activity-based billing to optimize profits

Supplier Enablement

Achieve seamless collaboration with global trading partners using the browser-based solution

Enable centralized order management processing across all trading partners

Generate EAN/UCC128 labels upstream to leverage cross-dock and flow-through channels to drive down inventory carrying and labor costs

Increase warehouse receiving productivity by 20% to 40% and lower labor costs with inbound shipment visibility

Increase order accuracy and fill rates with inspection capabilities upstream

Measure suppliers via KPIs and initiate chargebacks to drive greater on-time delivery and compliance

Hub Management

Enable logistics service providers (LSPs) with proprietary, role-based user hierarchy capabilities using the same browser-based gateway that enables suppliers

Provide "lite" warehouse functions to manage cross-dock and flow through DCs

Allow direct shipping to streamline inventory flow and more efficiently meet customer demand

Achieve real-time visibility to inventory movement and LSP processing for greater inventory control and decision-making

Lower transportation, labor and inventory carrying costs with upstream execution of early order allocation



Manhattan Associates' Distribution Management automates every link in even the most complex supply chains.

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Managing complexity to yield organized optimization

Your distribution network extends from your suppliers' loading docks to your customers' front doors—far beyond the walls of your warehouse. When you're dealing with scores of suppliers, logistics service providers, multiple distribution centers and customers around the world, just seeing the complete distribution process can be extremely challenging.

Manhattan Associates' Distribution Management automates every link in even the most complex supply chains. Built on Manhattan's industry leading and proven warehouse management solutions, Distribution Management is engineered to help companies increase product velocity, customer service and warehouse efficiency.

Distribution Management extends beyond the four walls of your warehouse. Working more closely and confidently with your partners, you can motivate your suppliers to help slash receiving time. You'll be able to fill orders even before you have received the product.

Distribution Management spans your supply chain network with an extensive suite of products, optimizing the entire supply chain—not just a siloed area or two:

- **Warehouse Management**—Fine-tune your facility with an efficient layout, well-utilized resources, streamlined inventory and accurate order fulfillment
- **Slotting Optimization**—Match slots to demand, weight and other product characteristics for faster, more accurate picking with less damage
- **Labor Management**—Track and forecast your workforce performance and requirements to discrete engineered standards
- **Billing Management**—Assign and manage charges for virtually any warehouse event, providing concise client invoicing for logistics service providers
- **Supplier Enablement**—Extend seamless collaboration capabilities to your suppliers to centralize order management, enable upstream label and document creation and generate advance ship notices. Inspect, measure and centralize invoicing, and initiate chargebacks to further optimize your trading partner relationships
- **Hub Management**—Give hubs and logistics service providers instant visibility into orders, shipments and inventory. Streamline transport, receiving and dispatch and inventory management by deploying a "lite" warehouse



Manhattan SCOPE is expressly designed to capture the holistic power of your complex supply chain to increase profitability and deliver service levels that help your organization prosper. Only SCOPE provides a full range approach—from planning through execution—to optimize every link of your supply chain for an improved total outcome for your business.

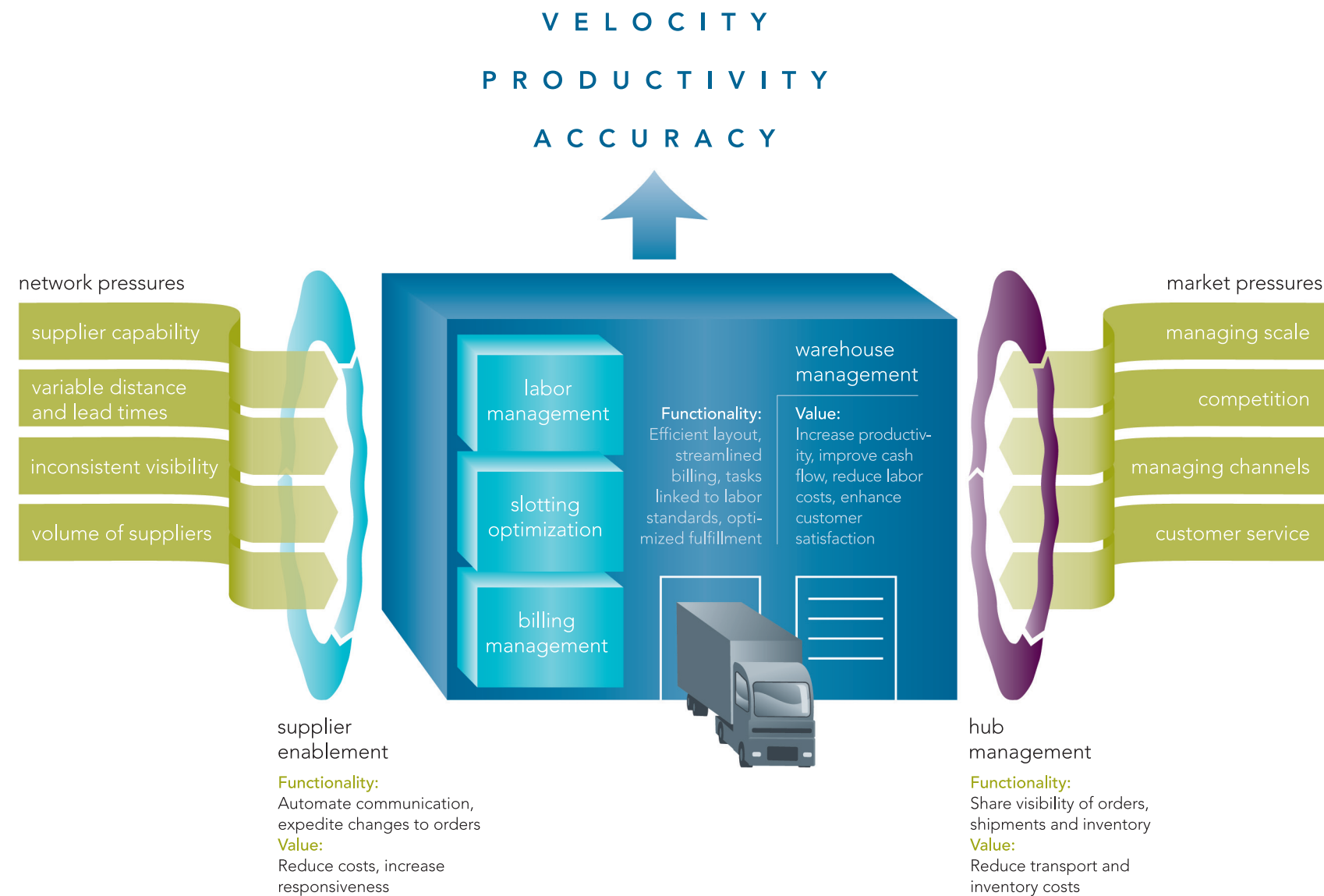
With unrivaled predictive technologies, a common process platform and key visibility, intelligence and adaptive functionality, SCOPE leverages the spectrum of people, tasks and events across your supply chain for the most efficient, accurate performance possible. SCOPE's modular service-oriented architecture facilitates the creation of cross-suite applications to address specific requirements core to your goals.

In an increasingly complex world of demand, you can't afford to simply manage your supply chain anymore—you have to optimize it. SCOPE: Supply Chain Optimization—Planning through Execution is focused on getting you there.

distribution management:

MANAGING COMPLEXITY TO YIELD
ORGANIZED OPTIMIZATION

Armed with a cross-suite perspective fueled by the knowledge contained in Distribution Management, supply chain executives can continually fine-tune their operations. Optimize across the extended supply chain and use real-time demand to proactively intervene in how products flow through your warehouse network.



“Since 1999, Manhattan Associates has been the lead of the supply chain execution market...”

AMR Research, April 2007

“[Manhattan Associates is] the largest supplier of WMS—financially stable, broad best of breed supply chain suite, very deep functionality, deep domain expertise in retail and apparel manufacturing, and a guarantee they will stay on top of the top 100 retailers’ compliance requirements.”

ARC, Warehouse Management, Systems Worldwide Outlook 2007

“When midsize and large companies in consumer goods and retail are looking beyond their enterprise resource planning (ERP) vendors for warehousing functionality, it is rare that Manhattan is not on the short list. Its dominance in warehouse management systems (WMS) has powered 12 consecutive quarters of double-digit revenue growth.”

AMR Research, Manhattan Associates: 4Q07 and F2007 Outlook Raised on Strong 3Q07 Results, October 29, 2007