



Supply Chain Execution

Supply Chain Execution for Microsoft Dynamics™ AX



*A solution tailored specifically
for wholesale distribution
organizations*

Supply Chain Execution for Microsoft Dynamics™ AX helps your company to realize these benefits:

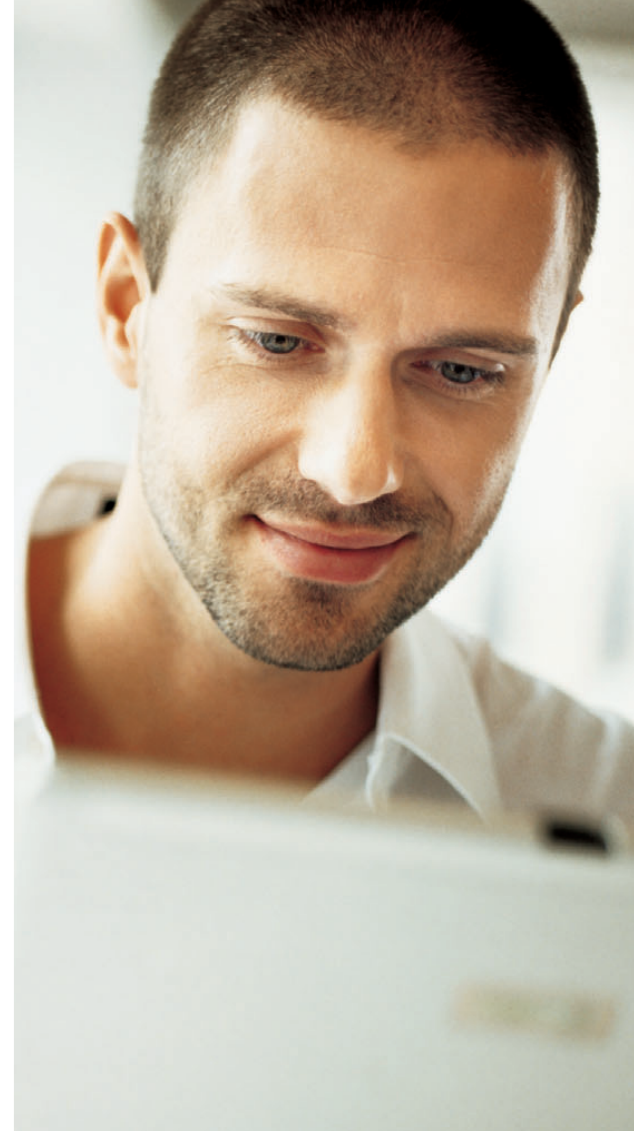
- Synchronize real-time product movement for a more efficient flow of goods.
- Improve order fulfillment and accuracy for increased work force efficiency, shorter cycle time, and reduced chargebacks.
- Reduce inefficient processes and excess inventory with automated workflows and better warehouse control.
- Enhance workload balancing and planning to better allocate resources and reduce labor costs.
- Comply with industry standards to meet the requirements of leading retailers and carriers.
- Reduce transportation costs and increase customer service with integrated transportation management.
- Increase productivity for warehouse workers by connecting them to automated workflows and critical information through radio frequency (RF) technology.

Transform challenges into opportunities

Wholesale distribution operations grow ever more complex and demanding. Supply Chain Execution for Microsoft Dynamics AX can help you convert these challenges into prime opportunities that keep you ahead of competitors: supply chain visibility, RF data collection, retailer compliance demands, and international growth.

Take control of multiple distribution channels by synchronizing the real-time movement of people, products, and information throughout your supply chain. Extended warehouse management and transportation execution capabilities connect smoothly with your business management system to increase speed, boost efficiency, and reduce the costs of warehouse operations and logistics. Familiar Microsoft applications provide easy access to performance tracking, productivity tools, and planning scenarios that you need to manage improvement and make insightful decisions for growth.

TRANSFORM



The right integrated, powerful capabilities

Optimize your supply chain with a single, synchronized business process that can boost overall corporate performance. Supply Chain Execution for Microsoft Dynamics AX can provide your company with a faster and more efficient flow of goods through the distribution center, an optimized facility layout, increased work force productivity, and integrated transportation management.

Features that deliver results:

Warehouse Management

- **Increase order fulfillment rates and accuracy by synchronizing movement of information and products in real time.**
- **Help eliminate inefficient processes, redundant efforts, and excess inventory.**
- **Improve workload balancing and planning.**
- **Ensure compliance with industry standards and government regulations.**



INTEGRATE

Labor Management

- Establish fair performance targets and monitor performance levels in real time.
- View workloads across functional areas.
- Measure productivity against baseline standards.
- Gain insight to help deploy resources for maximum productivity.

Slotting

- Determine the best product storage locations to optimize space and handling processes.
- Increase pick-line productivity, and decrease bottlenecks and product damage.
- Adapt slotting criteria through changes in products, demand, and physical layout.

Tracking and Reporting

- Track all inventory, fulfillment, and transportation activities by unit or client.
- Establish, track, analyze, and share key performance indicators.
- Simplify report generation and dissemination.
- Obtain information for strategic decision-making.

Transportation Execution

- Improve control and reduce costs through increased visibility into inbound and outbound transportation.
- Assign carriers automatically based on customer, least-cost, or best-way guidelines.
- Save time building loads, scheduling carriers, and generating required documentation that complies with industry standards.
- Track shipping containers, confirm deliveries, and trace shipments.
- Eliminate standalone parcel manifesting systems, and provide bill of lading and manifest information online.

Increase operational efficiency

Move goods and information through your warehouse at maximum speed. Streamline receiving and shipping to facilitate cross-docking and expedite back-ordered product. Track every unit down to the lowest level of detail, including country of origin, lot number, serial number, and date code. Implement cycle counting to eliminate inconvenient annual physical counts.

Decrease inventory, improve order fulfillment, reduce order cycle time, eliminate chargebacks, and exceed customer expectations. Handle single-byte and double-byte languages, multiple units of measure, and various international currencies to manage your entire global supply chain with ease.

Ensure compliance and supply chain visibility

Built-in radio frequency identification (RFID) and electronic product code (EPC) technology ensures compliance with guidelines from leading retailers and with routing initiatives. Take advantage of this technology to improve shipment planning and accuracy, optimize order fulfillment processes, and enhance in-stock positions.

STREAMLINE



Enhance work force productivity

Balance workloads, measure productivity, and manage employees to help ensure your work force performs to its full potential. Comprehensive and flexible tracking of all warehouse activities helps you better allocate resources for increased productivity and lower labor costs. Compare accurate and objective performance measurements with baseline standards, and analyze overall labor efficiencies to guide targeted training and incentive programs.

Optimize space utilization

Tailor slotting criteria to determine the best place in your warehouse for inventory. Optimal product placement can increase work force efficiency, shorten order fulfillment cycles, and minimize accidents. Easily slot new products, organize a pick layout from scratch, or rework target areas. Flexible analysis allows you to adjust slotting criteria as products, locations, and demand change.

Reduce transportation costs and enhance service

Help increase day-to-day transportation efficiency and profitability with enterprise-wide visibility and control. Create optimized transportation plans and execute on those plans to support business growth and enhance profitability. Manage carrier rating and routing with ease, and enable vendor and carrier compliance.

With expanded visibility, you can provide better service, alerting customers about which shipments are on the way and when they are scheduled to arrive. Reconcile invoices, confirm deliveries, provide online bill of lading and manifest information, and track or trace shipments. Automate, standardize, and control transportation processes to improve delivery service and reduce costs.

A black and white photograph of a woman in a warehouse setting, smiling and looking down at a box. She is wearing a dark t-shirt and has her hair in a ponytail. In the background, another person is visible, also working with boxes. The scene is brightly lit, suggesting an industrial or warehouse environment.

A strategic, integrated approach to the supply chain

The integration of Supply Chain Execution for Microsoft Dynamics AX helps business managers to improve supply chain operations and manage new initiatives related to labor productivity, transportation optimization, customer service improvements, distribution capacity increases, retail compliance, trading partner collaboration, barcode and RF data collection, and growth or international expansion. The solution's functionality delivers value for mid-sized companies and across multiple industries, including retail, wholesale, industrial distribution, consumer packaged goods, life sciences, or high-tech. Use strategic information from across your enterprise, and target your unique supply chain challenges and opportunities to optimize execution processes, reduce time and costs, improve profit margins, and realize maximum value from your technology investment.

PERFORM

Cost-effective power and flexibility, backed by support you can trust

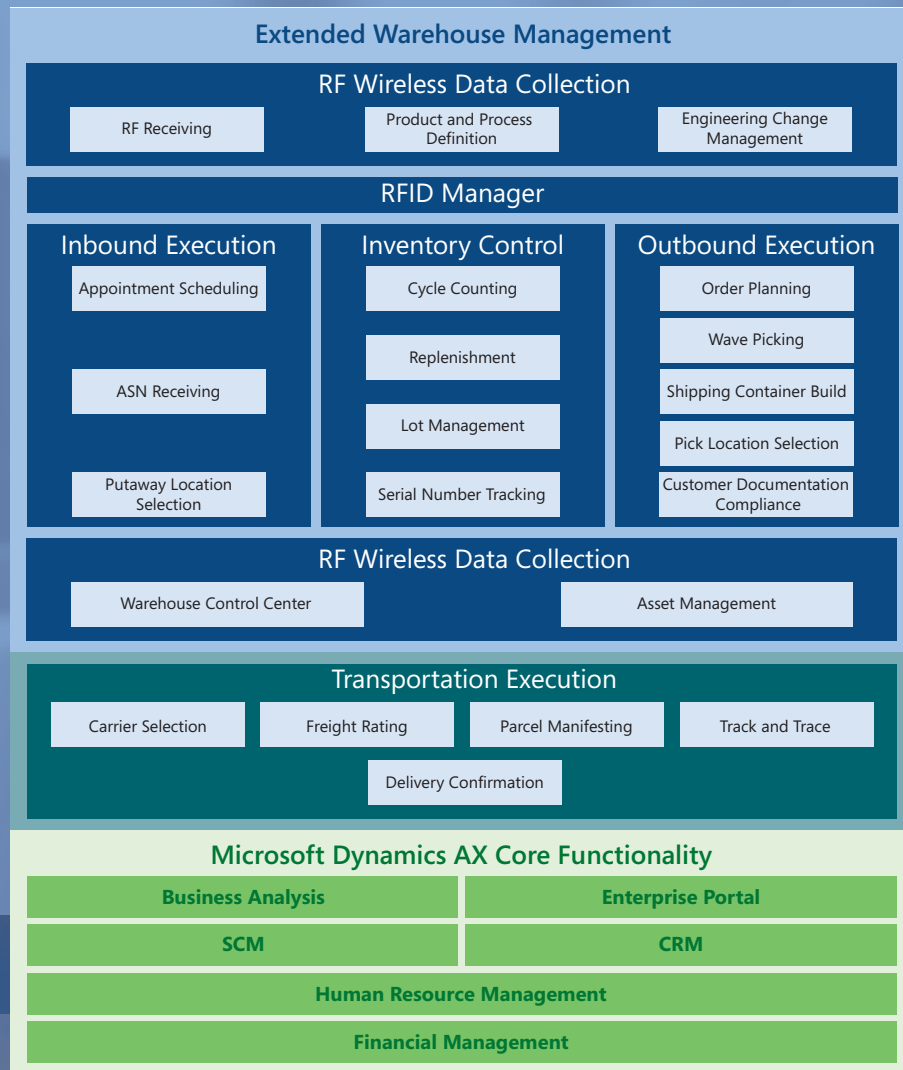
Take advantage of an integrated business solution enhanced by industry-specific functions, convenient global support, and a low total cost of ownership (TCO) right from the start. Supply Chain Execution for Microsoft Dynamics AX builds on a proven business management solution with powerful warehouse and transportation management functionality.

You can expect a familiar user experience that links tightly with the full range of Microsoft products, including Microsoft® Office Word 2003. Close integration with powerful Microsoft technologies such as Microsoft SQL Server™ 2000, Microsoft Windows Server™ 2003, and Microsoft Internet Information Services can help maximize your IT investments.

You also can look forward to quick payback on your investment. According to a research study by Nucleus Research, Inc. conducted in 2004, 75 percent of participating Microsoft Dynamics AX [formerly known as Microsoft Business Solutions—Axapta] customers achieved a positive ROI within an average of only 23 months.¹ The remainder had used Microsoft Dynamics AX for periods of less than two years and expected to achieve a payback within a few more months. More than half of respondents reduced staffing costs as a direct result of their Microsoft Dynamics AX deployments, while 44 percent reduced IT costs in moving from their legacy systems. The positive returns cited in the study ranged from more inventory turns and improved delivery times to productivity gains and changes in working capital.

At the same time, the reliability, connectivity, and performance of this comprehensive solution are backed by Microsoft quality assurance and support. To provide high quality and excellent value, Supply Chain Execution for Microsoft Dynamics AX has been reviewed by Microsoft's internal development and quality assurance staff and is supported by Microsoft Dynamics Support Services globally. This means that you can count on the overall assurance of receiving support for your entire solution from one place, rather than having to contact different people and organizations for different support needs. In addition, technical review prior to launch and throughout the product life cycle helps ensure greater overall quality, performance management, and stability through service packs or major releases.

¹ Nucleus Research, Inc. The Real ROI from Axapta. *Research Note E116*, October 2004.



A distribution management solution tailored to your dynamic needs

Changing customer requirements and distribution channels demand flexibility. The integrated modular approach of Supply Chain Execution for Microsoft Dynamics AX can help you adapt to today's changing conditions in the marketplace while growing with your business tomorrow.

As shown in this diagram, two individual but tightly linked modules, Extended Warehouse Management and Transportation Execution, include options to manage your supply chain to fit the way your business works. You tailor the functionality you want, since the solution can expand as needed to take advantage of changes in methods, logistics, distribution channels, and your future ambitions.

Supply Chain Execution for Microsoft Dynamics AX includes industry-specific functionality for two modules—Extended Warehouse Management and Transportation Execution—that can be integrated with the capabilities provided by the Microsoft Dynamics AX business management system.

A stairstep approach to Supply Chain Execution

Supply Chain Execution for Microsoft Dynamics AX helps provide a dynamic set of solutions that can be packaged to meet your specific goals. Regardless of your company's size or industry focus, Supply Chain Execution for Microsoft Dynamics AX allows you to build Extended Warehouse Management and Transportation Execution functionality as your company grows. This stairstep approach provides immediate benefits while extending the value of your investment over time. From RF data collection to fully configurable warehouse management functionality—whatever your requirements, Supply Chain Execution for Microsoft Dynamics AX solutions will help you optimize your supply chain operations.

Seize the competitive advantage

Empower your distribution operations with speed, efficiency, and comprehensive control. Integrating smoothly with your enterprise management applications, Supply Chain Execution for Microsoft Dynamics AX helps you orchestrate product movement and optimize complex processes in real time.

Whether you need to access information across multiple locations and distribution channels or focus attention on a single link in the supply chain, you have the tools to adapt to the challenges you face every day while continuing to grow your business.

Your customers get the goods.

Your organization gets global Microsoft support and a faster ROI. And wherever your ambitions lead, we help you get there faster.



CUSTOMIZE

Microsoft

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Microsoft Dynamics is a line of integrated, adaptable business management solutions that enables you and your people to make business decisions with greater confidence. Microsoft Dynamics works like and with familiar Microsoft software, automating and streamlining financial, customer relationship and supply chain processes in a way that helps you drive business success.

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