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Microsoft Dynamics NAV for Warehouse Management

As warehousing and distribution channels grow increasingly complex, efficient management of the supply chain becomes even more critical to profitability and customer satisfaction. Manufacturers and distributors need an integrated business management solution that can connect information from across the organization and increase visibility throughout the supply chain.

Companies need to streamline processes, reduce costs, and enhance communication — allowing them to make better business decisions and increase agility for fast, effective responses to changing conditions.

Microsoft Dynamics NAV is an integrated business management solution that empowers companies to increase supply chain transparency and improve execution. The system integrates procurement, inventory, logistics, warehousing, manufacturing, and distribution functionality with financial management, customer relationship management (CRM), and other business processes.

With Microsoft Dynamics NAV for warehouse management, you get the tools you need to respond quickly to customers, rapidly pursue new market opportunities and improve profitability by working efficiently with supply chain partners. Microsoft Dynamics NAV also helps you manage a broad range of other business areas according to your particular needs. You get quality results in less time at less cost.

Microsoft Dynamics NAV offers three types of warehousing solutions for companies of all sizes. All three offer extensive opportunities to integrate with other parts of the NAV ERP solution. The three types include:

- Advanced warehousing (WMS) – flow is considered for multiple orders in advanced warehousing
- Basic warehousing – bin mandatory with order-by-order picking
- Combined solution – multiple set up with bin mandatory

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Key Warehouse Management Functionality includes:

Automated Data Capture System

Capture data automatically. Keep data accurate, even in a hectic environment. ADCS supports some of the workflows in the Warehouse Management Systems that enables warehouse automation.
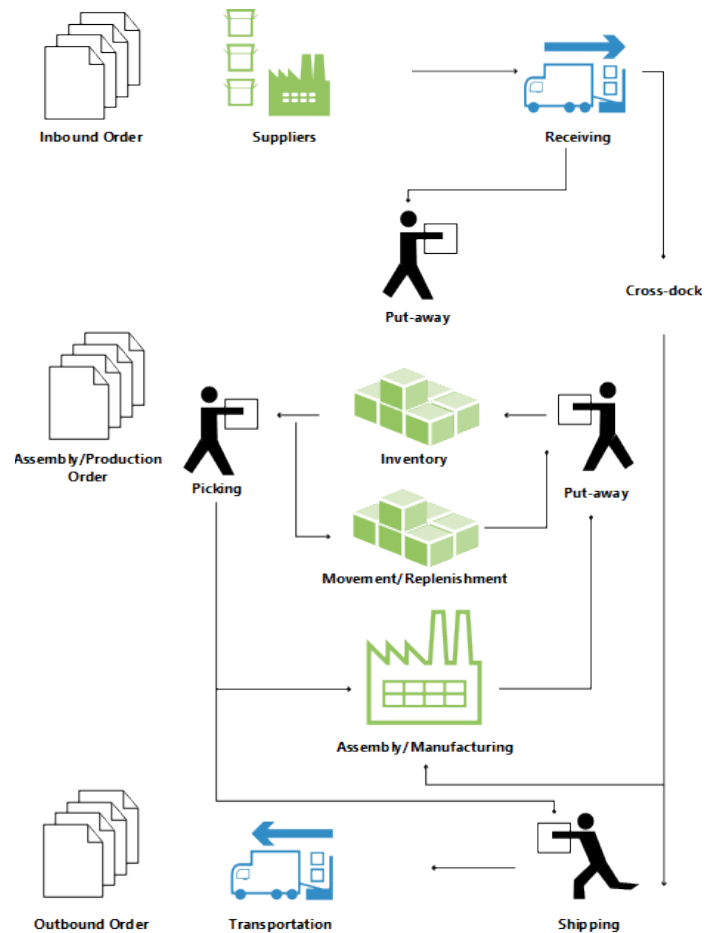
Bin Setup

Easily set up and maintain your bins by defining both the layout of your warehouse and dimensions of your racks, columns, and shelves; set up and maintain your planning parameters by defining the limitations and characteristics of each bin.

Internal Picks and Put-Aways

Create pick and put-away orders for internal purposes, without using a source document (such as a purchase order or a sales order). For example, pick items for testing or put away production output.

Warehouse Management Systems

Manage items on a bin level. Receive and put away items in a bin; pick items from a bin according to a put-away template; and pick items based on the zone and bin ranking. Move items between bins using a report for optimizing the space usage and the picking process or move items manually. Warehouse instruction documents are created for the pick and put-away process, which can be carried out for sales, purchase, transfers, returns, and production orders. Service Orders is not included. To effectively use this granule,

it is recommended that you also purchase the Put Away, Warehouse Receipt, Pick, and Warehouse Shipment granules.

Put Away

Enable warehouse workers to create a put away from the released order. Put Away is managed from a separate user interface when receiving items in an order-by-order environment.

Warehouse Receipt

Enable warehouse workers to create a put-away from the receipt. Warehouse Receipt is

managed from a separate user interface when receiving items in a multi-order environment. Enable warehouse workers to create a pick from the shipment. Warehouse Shipment is managed from a separate user interface when shipping items in a multi-order environment.

Pick

Enable warehouse workers to create a pick from the released order. Pick is managed from a separate user interface when shipping items in an order-by-order environment.

In addition to warehousing functionality, a number of system-wide upgrades that help simplify and enhance the user experience, have been made in Microsoft Dynamics NAV 2015, such as:

- Making Microsoft Dynamics NAV more intuitive for the end-user by making data entry on pages faster by showing mandatory input fields (Mandatory Fields). Faster processing by automatically filling in document numbers (Auto-fill No. field). Easier review of documents such as orders, invoices and credit memos by having totals shown on the page (Total section on document pages). Increased productivity by only showing what is relevant to the user, depending on user's permission sets and license (UI Elements Removal).

- Simplification is a foundation for building solutions with a simpler user experience which focus on basic sales and purchase scenarios for small business solutions. A set of ~100 objects including 60+ pages that have been simplified plus one new Role Center for small business. These pages have been localized for each supported market, and the underlying tables are the standard Microsoft Dynamics NAV tables.

- Dynamics NAV for tablets allows users in small and midsized businesses to get access to the data they need from the device they prefer. With a fresh and modern interface designed exclusively for touch, it provides the familiar Role Tailored experience so that users can get real work done at home, at work or on the go.

Conclusion

Warehouse management ensures that accurate, up-to-date information is accessible to people who need it throughout the organization and among supply chain partners. Microsoft Dynamics NAV harnesses the power of an integrated value chain to increase customer satisfaction, improve profitability throughout the supply chain, optimize warehouse space, improve order fulfillment and provide flexibility for growth and a competitive advantage.

Ready to grow your business?

Call 888.725.2555 or email: info@velosio.com and start a discussion with a business technology expert.