Microsoft® Navision Axapta®

Microsoft Navision Axapta Warehouse gives you the flexibility and control you need to optimize your entire warehouse management cycle according to your needs.

Key Benefits:

- Efficient internal and external transfers
- Optimize warehouse storage area (chaotic warehousing)
- Reduce operational costs such as warehouse size and labor
- Respond quickly to customer demands

Key Features:

- Item registration and placement
- Multiple inventory dimensions
- Serial number and batch number control
- Location control
- Chaotic storage
- Arrival journals (advanced module)
- Automatic location selection (advanced module)
- Warehouse zones (advanced module)
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Microsoft Navision Axapta Warehouse Management

Microsoft Navision Axapta Warehouse Management provides all of the functionality you need to ensure your warehouse is operating effectively and efficiently. Warehouse Management is divided into two modules: the standard module and the advanced module. Combined, the modules provide capabilities for receiving items from both external suppliers and internal sources, structuring item storage, picking of items prior to shipping and packing items for shipment or transfer. To help maximize efficiency throughout the entire warehouse management cycle, Warehouse Management is completely integrated with other areas of functionality in Axapta, including Logistics, Inventory Management and Production.

Easier processing of received items

Warehouse Management makes it easy to identify, label, position and reposition goods that are received. All activities are recorded in journals, so a complete history of actions and item identifiers can always be recreated using an audit trail.

Serial and batch number control

The support for serial and batch number control enables you to automatically stamp inventory or individual items with a number linked to shipments and deliveries. As many serial/batch number groups as necessary can be created for automatic numbering of the SKUs (Stock Keeping Units).

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The serial/batch number group is specified on the main inventory transaction, and can be alphanumeric with the next value assigned consecutively or based on a template.

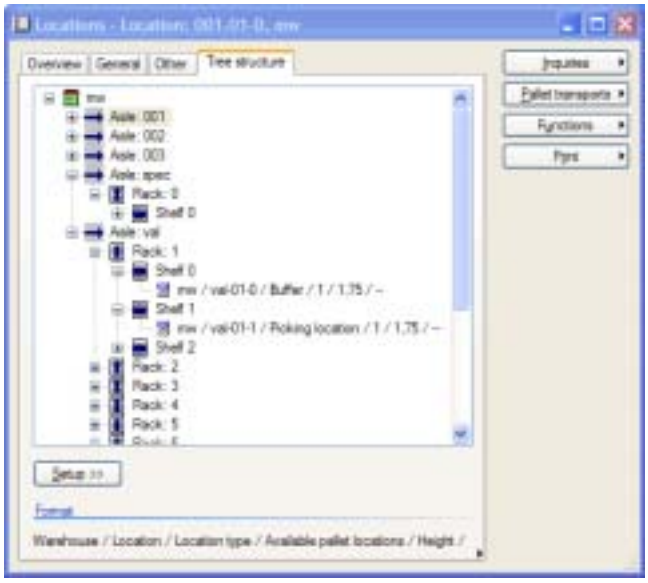
Establish high and low priority storage areas

Warehouse Management provides extensive flexibility for placement of goods. The system can handle division of a warehouse into zones with different storage purposes. For example, there can be a special zone for items requiring very low temperatures. Or, a warehouse can be divided into zones according to the rate of turnover for the different items. This includes “hiding” low priority items at the back of the warehouse.

Warehouse locations can be specified using five levels: warehouse, aisle, rack, shelf and bin. For each location, special parameters can be set up, such as height of space, pallet type, etc. Locations temporarily out of use can be blocked so items are not sent to broken shelves or racks that are in the process of being rebuilt.

Chaotic storage

Warehouse Management ensures efficient use of space in the warehouse. When items or goods arrive, the system identifies the optimal storage location. The proposal is based on zones and location characteristics compared with characteristics of the items.



Warehouse overview

Registering received goods

Sometimes customers want to buy a product that is not yet registered in the system but may have arrived at the warehouse. By using Warehouse Management, goods can be registered as soon as they arrive at your site. This means that the goods are visible in Axapta and that they are available for sale — or for production — even though they have not yet been placed in inventory.

Locate items quickly

Warehouse Management provides a number of capabilities that make it quick and straightforward to find items that have been placed in a warehouse. These capabilities are used in connection with picking, packing, and inventory management as well as with the repositioning of goods.

Inventory Dimensions

The level of detail required in inventory records depends on the size of the inventory and the type of items stocked. With Axapta you can define a number of dimensions, so you can choose the level of information you want included for each item group or each specific item. Dimensions include Warehouse, Batch number (identification of a quantity of related articles), Location (shelf, bin, etc.), Pallet ID (item carrier ID) and Serial number (unique identification of one item).

Inventory dimensions enable you to determine the exact location of a specific item. Inventory dimensions are also a very powerful tool for serial and batch number tracking. The flexible set-up of dimensions enables the value of each of these dimensions to be shown in forms. This could be used, for example, to get an overview of items on hand. When entering a sales order, for example, you can reserve a specific item or an item from a specific location or a specific batch. This reservation is then recognized by all functions in Axapta, such as inventory counts, planning of production and so on.

Faster picking and packing

When it comes to picking and packing, Warehouse Management is designed to handle internal transfers as well as external shipments. Shipments can be defined as a collection of items to be packed in the same container, or to be shipped at the same time. A shipment can also include bills of materials so items can be sent straight from the warehouse into production.

Advanced picking

Picking routes are created in Axapta based on the shipment. The route takes into account the different parameters set up for the warehouse, such as zones, height of locations, equipment needed for placement, driving instructions and so on. When creating the picking route, the system takes into account several orders in one route (batch picking). This enables better use of pallet loads and is a cost-effective way of managing the warehouse.

Contact your partner

To learn more about Microsoft Navision Axapta, contact your local Navision Solution Center. They have the expertise necessary to meet your specific business needs.

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Data Summary Sheet

Key Features	Description
Easy to use	• Intuitive layout and structure • User-adjustable menus, forms and reports • User-adjustable layout of main tables files and journals • Windows commands incl. 'copy and paste' from and to Axapta • Direct access to main tables from journals • Advanced sorting and filter options • Built-in user help including an integrated manual • Option to mail and fax directly from Axapta • Application can be run in different languages
Item registration and placement	• Possible to store items according to the structure of the inventory
Eight inventory dimensions to specify exact location of items in inventory	• Identification of physical location: warehouse, location and pallets • Identification of item origin: serial number, and batch number • Identification of characteristics: configuration, color and size
Serial number and batch number control	• Possible to stamp a single item or a group of items with a unique number for tracking purposes
Chaotic storage	• Based on rules regarding store zones, size, weight etc. • Possible to utilize to inventory carrying cost
Arrival journals	• Used for item registration • Items then available on-hand in the inventory
Automatic location selection	• Automatic suggestion of arrival and output locations according to storage and item set-up
Warehouse zones	• Possible to organize warehouse into storage zones in order to prioritize selection of locations for incoming inventory
Shipments	• Possible to drill down output orders to possible pick locations through the shipment journal
Output orders	• Output orders generated as requisitions to warehouse • Possible to defined shipments from here that result in the production of picking suggestions

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Pallet transports	• Possible to create pallet transports from either an output order, or through the need for refilling of picking locations
Pallet types	• Possible to take into consideration different pallet types corresponding to different sizes when choosing locations

System Requirements

To obtain all of the features mentioned in this fact sheet, the following modules and technologies are required:

- Microsoft Navision Axapta 3.0
- Microsoft Navision Axapta Trade
- Microsoft Navision Axapta Logistics
- Microsoft Navision Axapta Warehouse Management I
- Microsoft Navision Axapta Warehouse Management II