



Logistics

NAVISION AXAPTA®

Logistics Overview

- Contracts, trade agreements, special pricing and discounts
- Price and discount management, purchase and sales
- Inventory, purchase and sales forecasting
- Forecast evaluation
- Product development
- Scalable item storage using inventory dimensions
- Advanced on-hand tracking
- Tools for tracking batch and serial numbers throughout the system
- Quarantine management
- ABC analysis
- Comprehensive bill of materials (BOM) management
- Unlimited levels for bills of materials
- Full graphical suite for designing and maintaining bills of materials using drag-and-drop technology
- Multiple versions of same bill of materials
- Formula-based calculation of bill of material consumption
- Approval and validity management for bills of materials
- Bill of materials price calculation
- Product configurator



| Logistics

Presenting Navision Axapta Logistics

Navision Axapta Logistics provides a range of capabilities that enable companies to optimize supply and demand. From procurement to shipping, the Logistics solution gives you all the functionality you need to link purchasing with production, customer demand, and inventory.

Optimizing the logistics flow becomes more important as your company seeks to improve customer service, increase profitability through increased efficiency in processes (purchasing and delivery), and lower inventory-carrying costs. The Logistics Series plays a crucial role in these areas.

Key capabilities supported by Navision Axapta Logistics include:

- Efficient management of customer/vendor relationships using trade agreements
- Flexible use of forecasting to predict future supply demands
- Superior control and monitoring of inventory flow
- Flexible and dynamic management of bill of materials (BOM) and product configurations

For companies looking for a high degree of synergy between logistics and other related areas in the enterprise, the Logistics Series is designed for close integration with the following Navision Axapta software modules:

NAVISION®
The Way to Grow



Logistics

- Warehouse Management
- Financial Series
- Trade Series
- Production Series
- Project Series

Efficiently manage trade agreements

Navision Axapta Logistics enables those in charge of trade and logistics to effectively manage detailed individual pricing and discount agreements with customers and suppliers.

The system support a wide range of capabilities, including trade agreements, budgeting and discounts.

Trade agreements, special pricing and discounts

The system facilitates the management of both customer and vendor agreements. Agreements can vary in duration and/or amount. Agreements can refer to price lists, line item discounts, multi-line discounts and total discounts; all currencies are supported.

The system automatically links discounts to orders so that prices are automatically calculated.

Management of unique customer relationships

Navision Axapta Logistic features for handling special price and discounts allow you to easily manage unique customer relationships. Special pricing agreements can apply either to a customer, supplier, customer group or supplier group – or to all customers and suppliers. Price agreements can be linked to items, item groups or other elements. All price agreements can be date-controlled, so that prices can

be determined based on the date, the quantity, or a combination of the two.

The system automatically makes sure that agreements are applied whenever sales or purchase orders are created or modified. This reduces the risk of error, and improves your company's customer service. The pricing agreement system also makes it possible to print individual customer price lists.

Audit trail and continuous updates

All information entered in the Navision Axapta Logistics is automatically updated throughout the system. As a result, up-to-date reports can be generated from anywhere in the system at any time.

An audit trail is automatically assigned to every ledger transaction, allowing you to trace all related entries, or vouchers throughout the system. This helps with invoicing, for example, by creating relevant entries at all transaction locations.

The audit trail makes it quite easy to trace transactions in the core Navision Axapta Financial system and to see the entries generated by the transactions in Accounts Receivable and Inventory.

Your trace can start in General Ledger, Accounts Receivable or Inventory. Display or reprint original documents regardless of where your search was initiated.

NAVISION[®]
The Way to Grow



Logistics

Dimension tracking

The unique dimension tracking in Navision Axapta solutions makes it easy to separate the accounts for divisions and departments. All transactions can be marked with dimension data that makes it possible to sort and delimit the transactions in various subsidiaries. There is no limit to the number of dimensions. New dimensions automatically appear in screen displays, reports, menus, everywhere the information is accessed.

The benefit of strong forecasting tools

The Logistics package offers a number of very strong forecasting facilities that support long-term planning. These are essential tools when negotiating trade agreements with both prospective and current suppliers.

Item forecasts

Using the Logistics solution, you can access an unlimited number of forecast models that give a comprehensive picture of future sales and purchases. The flexibility of these forecast models gives you powerful facilities for simulating various future trends. For example, you can project cash flow by transferring item forecasts to the Ledger forecast.

Product development

The data history makes it easy to monitor and optimize your product development process and time to market. This helps your company react quickly, and adjust its product line in response to market changes – an essential capability in an era of ever-narrowing margins.

Flexible control of your inventory

One key profitability factor for any company is the efficient management of inventory. With the Navision Axapta solution, you have the power and flexibility to decide just how detailed your inventory management should be. This improved inventory control translates to a better bottom line for the company, as well as improved customer service.

The Inventory dimensions concept

Inventory dimensions are classifications that specify the level of detailed used to store items, and draw them from inventory. They allow inventory to be managed both physically, and financially on a very detailed level. When items must be drawn from a particular warehouse, batch, or serial number, for example, inventory dimensions facilitate this process in the level of detail you prefer.

Even when inventory is stored on a very detailed level, for example serial number 1001 of batch A in location 001-02-3 of warehouse X, you can access or overview it simply by warehouse, location, or whichever inventory dimension you choose.

On-hand tracking

Not only can you access real-time information on exactly how much inventory you have on-hand, taking into account physical availability as well as quantities on order, you can also track on-hand right down to the warehouse, location and batch number, or any other inventory dimension or combination.

NAVISION[®]
The Way to Grow



Logistics

When you need to locate on-hand inventory for an item for sale or production with any dimension requirements, that information is available to you instantly.

Track items throughout the system

A detailed graphical tracing feature allows you to track specific items based on multiple criteria, like inventory dimensions. You can view the related issues and receipts for transactions via a simple tree-graphic right from where you are in the application. These related issues can be the sales order, purchase order, or any other relevant window. At any time, you have a direct line to the information regarding where items were used and where they can be found. View as much or as little information as you want.

Quarantine management

The Logistics solution lets you effectively manage inventory set aside in quarantine through the use of Quarantine orders. You even have the convenience of having these orders system-generated based on the item setup.

Navision Axapta's quarantine management system allows for precise control of when items are released from quarantine. You can also determine where quarantine inventory is at any stage in the quality-control process.

When linked to Navision Axapta's Warehouse management system, Quarantine orders can be handled entirely by the system.

Flexibly manage bills of materials and product configurations

The bill of materials is critical in translating product demand into raw material inventory requirements. Everything from forecasting, planning and scheduling item purchases and production, to determining pick lists and identifying cost and pricing information is tied up in the accuracy of the BOM.

Navision Axapta's bill of material feature provides you with an effective means of handling the BOM for complex products through the use of, for example, virtual inventory items, versions, and product configurations. When integrated with Inventory management and Master planning, the Bill of material module facilitates just-in-time deliveries, and optimal reordering levels.

Product configurator

The Navision Axapta solution offers a product configurator that reduces the number of BOMs you have to create, while simplifying the process of configuring new items. Since you indicate which items are configurable, non-configurable items are protected from changes.

Once set up, the system checks and prompts you through the configuration process based on the configuration rules that you have chosen, reducing the risk of error in product composition.

NAVISION[®]
The Way to Grow



Logistics

Finding out what inventory is available for a particular configuration is as simple as checking the on-hand inventory from anywhere in the system.

Bill of material core features

Complex products can have multiple BOM levels. Separate levels may be required whenever the component is tracked, stored or sold in that form at that stage of the processing. Navision Axapta's solution gives you the capability to manage an infinite number of levels. No product is too complex.

This gives you the flexibility to include as much detail as you would like for each BOM, for the most accurate costing and forecasting information.

Formulas are provided for the most accurate calculation of consumption for BOMs, where the dimensions that make up the formula can be redefined to suit the characteristics of your particular finished item. Additionally, allowances can be made in the consumption calculation for a variety of factors, including scrap, or variable versus constant consumption.

Graphical bill of material designer

The Bill of Material Designer (BOM Designer) is a graphical suite used to create and manage bills of materials. It uses Microsoft Windows drag-and-drop technology to manipulate data in an intuitive manner. This simplifies and speeds up the task of constructing one or more bills of materials. The relevant parts of the application are all brought together in the designer software so that everything you need to create and design a BOM can be accessed from right there, in one window.

Among the features that make the BOM Designer so easy to use are the buttons that allow you to perform a specific function only when that function is an option for the BOM you are working on. The system thinks for you. There are system alerts to let you know when a BOM is active and should not be modified. This demonstrates the smartness of the BOM Designer.

The route section, Item master, and graphical tree-structure help make the entire process visual and extremely logical.

Bill of material versions

Navision Axapta's uses the concept of version control to effectively manage BOMs. The version control supports such important functions as phasing out components, or changing vendors – all important issues when making revisions to a BOM.

BOMs are classified by versions, and run based on version dates. This way, when a BOM needs to be altered, a new version can be created. The version date controls which one is being produced on a given date. Previous versions can be accessed and reused at any time. So, if a customer wants the exact same product that he got from you last December, you have the precise information to produce a perfect replica of that product right at your fingertips.

The flexibility of this system allows you to create and activate multiple BOM versions by simply indicating the dates a particular version is valid, saving you the time and trouble of creating a new item and new BOM each time.

NAVISION®
The Way to Grow



Logistics

Fully exploded price calculation

The price calculation based on the finished BOM item can be done for one, or as many BOM levels as you would like for the most accurate price information available. This information, in turn, can be updated throughout the system for this BOM.

Copyright © 2001 Navision a/s (NavisionDamgaard a/s), CBR No. 76 24 72 18. The trademarks referenced herein and marked with either TM or ® belong to Navision a/s (NavisionDamgaard a/s) or Navision Development a/s. The names of actual companies and products mentioned herein may be the trademarks of their respective owners. No part of this document may be reproduced or transmitted in any form or by any means, whole or in part, without the prior written permission of Navision a/s. Information in this document is based on Navision Axapta version 2.5 and subject to change without notice. All rights reserved.

Address:

www.navision.com

NAVISION[®]
The Way to Grow