



Microsoft Dynamics NAV

Feature Enhancements Microsoft Dynamics NAV 4.0 to Microsoft Dynamics NAV 2009

The following document describes the enhancements to Microsoft Dynamics® NAV 4.0 that are included in Microsoft Dynamics NAV 2009. The enhancements are categorized by granule ID. This will aid Microsoft® Certified Partners in the upgrade process when showing customers the new features added to granules they have already purchased.

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General Ledger

3010 Basic General Ledger

Simple Mail Transfer Protocol

The Simple Mail Transfer Protocol (SMTP) feature has been added to support the SendMail operation from the Microsoft Dynamics® NAV Service. It supports the operating system method to manage SendMail from Microsoft Dynamics NAV.

Online Map

The online map feature demonstrates how Microsoft Dynamics NAV can integrate with other Microsoft products, for example, Microsoft® MapPoint. The online map functionality shows a location on a map and also enables the user to get directions from one location to another. Through integration with an online map the user can also extend address features.

Document Approval

The document approval feature introduces an approval process for sales and purchase documents which includes:

- Ability to approve and reject documents with comments
- Ability to delegate approval to another approver
- SMTP mail notification to approvers and overdue-approval notifications

Prepayments

Prepayments allow the user to create one or more prepayment invoices based on a sales or purchase order. The prepayment can be either a set amount or a percentage of the total invoice. Prepayment invoices are tracked until the order is fully invoiced.

Integration with Microsoft Office

Integration with Microsoft Office consists of the following features:

- **Export Using Office XML** – A generic solution that allows the user to export data from any form in Microsoft Dynamics NAV using the new Office XML format. Additional style sheets can be defined by the partner or customer.
- **Record Links** - A generic solution that allows the user to add links to documents to any record in Microsoft Dynamics NAV. The documents can be stored in SharePoint or on a file server.

Rapid Implementation Methodology

Rapid Implementation Methodology (RIM) is primarily designed for new customers, but it can also be useful to an existing customer who is adding modules to their installation. RIM reduces the implementation workload by streamlining the repetitive tasks that an implementation requires.

RIM contains the following components:

Industry-Specific Information

- Implementation Questionnaire

- The Implementation Questionnaire is a collection of industry-specific questions and suggested answers which can be used to update the contents of Microsoft Dynamics NAV setup tables (for example, tables 79, 98, 311, 312, 313, and so on.) The questionnaire guides the user and the implementation consultant through the Microsoft Dynamics NAV setup requirements from a business perspective, to ensure that the setup reflects the customer's business rules.
- The Implementation Questionnaire (in XML or Microsoft Office Excel® format) serves as a valuable document for making setup decisions.
- Setup Data
 - RIM contains standard, industry-specific setup data that has been created by industry specialists with experience from many implementation projects. Reusing common data saves implementation time and makes a more industry-specific setup possible.
- Master Data Templates
 - To optimally use Microsoft Dynamics NAV, you need valid information in the master data records. RIM includes industry-specific master data templates.
 - RIM contains predefined templates for five industry segments. For each industry segment, there is a template for the following master data types: Contacts, Customers, Vendors, and Items.
 - Master data templates can also be used in daily operations. For example, if you enter the item description and then apply the appropriate template, the required fields will be copied from the template to the master data record.
 - Partners can easily apply the master data template functionality to any master data table in Microsoft Dynamics NAV.

Batch Creation of Journal Lines

- The Batch Creation of Journal Lines functionality allows you to create journal lines with predefined information, so the user only has to enter a few pieces of information (for example, amounts).

Predefined User Permissions (covers only the Microsoft Dynamics NAV core solution)

- The predefined Microsoft Dynamics NAV user permissions cover the permission necessary to carry out work for seven archetypes of users in Microsoft Dynamics NAV.
- The selected archetypes are:
 - Production Manager
 - Shipping & Receiving Clerk
 - Order Entry Clerk
 - Purchasing Agent
 - Accountant
 - Accounts Receivables Clerk
 - Accounts Payable Clerk

Payment Terms Translation

Payment terms and shipment methods have been enhanced so that the customer can now define translations for payment terms and shipment methods. For customers with Multilanguage, this means they can ensure that the shipment method and payment terms on an invoice will appear in the correct language.

Document Archiving Functionality

The user can define a setup option to automatically archive sales and purchase quotes when they are turned into orders and archive orders when they are fully shipped or received.

Return orders may now be manually archived the same way as other documents. *Note, return orders are also included in the automatic archiving.*

Archived quotes, orders, and return orders may be printed from the archive forms. Comments are maintained when documents are posted. Both header and line comments are posted to non-editable forms.

3070 Basic XBRL

The XBRL functionality has been updated to enable specification 2.1 reporting. In addition, the following improvements were made:

- Update of the XBRL whitepaper
- Annotations to each taxonomy are now versioned
- Comments on each taxonomy are now versioned

3090 Intercompany Postings

Intercompany Purchase Cost Distribution

Intercompany Postings has been enhanced with functionality for distribution of purchase invoice costs to partner companies.

When a parent company has subsidiary companies and the subsidiary companies are invoiced by vendors, the recorded costs can be spread across the organization.

It is not unusual within the mid-market for holding companies to be formed to create a greater synergy amongst like companies. In this case, there is no parent company. The holding company consolidates accounts receivable (A/R) and accounts payable (A/P) processes across the organization resulting in savings in overall costs. Bills received from vendors are distributed for all subsidiaries across the organization.

3810 Job Queue

The Job Queue replaces the Job Scheduler (from the Service Module). The new functionality allows you to set up jobs for both code units and batch jobs, as well as for areas outside the Service Module. For instance, Outlook Integration uses the job queue when requesting synchronization.

A job can be a one-time request or it can be set up as a recurring job at a specified interval. When jobs are created, the application server monitors the Job Queue and runs the entries in a prioritized order.

5010 Bank Account Management

Void Check

The Void Check feature enables the user to void checks from the Check Ledger Entries window. The user can choose whether to unapply the underlying bank ledger entry and

the corresponding general ledger entries or just reverse the entries. The user can select a specific posting date for voiding.

Sales and Receivables

3260 Basic Receivables

Payment Terms Translation

An enhancement has been made so that the customer can now define translations for payment terms and shipment methods. For customers with Multilanguage functionality, this means that the data on an invoice will appear in the correct language.

3270 Sales Invoicing

Sales Quote Number Maintained in Documents

The sales quote number is maintained in all posted documents which started with a quote.

Customer Sales History

The sales history for a customer may be invoked from the customer card based on either the Bill-to or Sell-to role for a customer. (In the RoleTailored client, this information appears in a FactBox on the customer card.)

3280 Sales Order Management

Prepayments

Prepayments allow the user to create one or more prepayment invoices based on a sales order. The prepayment can be either a set amount or a percentage of the total invoice. Prepayment invoices are tracked until the order is fully invoiced.

Sales Quote Number Maintained in Documents

The sales quote number is maintained in all posted documents which started with a quote.

3350 Sales Return Order Management

Costing

The Sales Return Order Management granule was affected by the enhancements to the costing functionality. For more information, see the description of the costing functionality in the Basic Inventory granule.

Purchases and Payables

3510 Basic Payables

Payment Terms Translation

An enhancement has been made so that the customer can now define translations for payment terms and shipment methods. For customers with Multilanguage functionality, this means that the data on an invoice will appear in the correct language.

3520 Purchase Invoicing

Information Pane on the Purchase Invoice

A new pane on the purchase invoice contains:

- Instant access to and an overview of the vendor's purchase history, shipping information, and contacts information.
- Information about item availability, prices, and discounts.

Purchase Quote Number Maintained in Documents

The purchase quote number is maintained in all posted documents which started with a quote.

Vendor Purchase History

The purchase history for a vendor may be invoked from the vendor card based on either the Pay-to or Buy-from role for a vendor. (In the RoleTailored client, this information appears in a FactBox on the vendor card.)

3530 Purchase Order Management

Prepayments

Prepayments allow the user to create one or more prepayment invoices based on a purchase order. The prepayment can be either a set amount or a percentage of the total invoice. Prepayment invoices are tracked until the order is fully invoiced.

Information Pane on the Purchase Order

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Purchase Quote Number Maintained in Documents

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3570 Purchase Return Order Management

Costing

The Purchase Return Order Management granule was affected by the enhancements to the costing functionality. For more information, see the description of the costing functionality in the Basic Inventory granule.

Inventory

4010 Basic Inventory

Costing

The costing functionality has been redesigned and the improvements can be grouped into two categories:

- Improving UI designs of the existing costing framework

- Enhancing costing framework with better facilities for decision making

Features:

Costing Data Trustworthiness

- Cost update on the sales/customer statistics
- Inventory Period Closing feature
- Corrected principles behind cost adjustment batch job

Traceability

- Re-visited principles behind posting inventory value entries to general ledger
- New reporting tool for G/L Inventory reconciliation
- New reporting tool for item value dynamics

Simplicity and Usability

- Improved cost reversal (returns) process-support
- Resilient costing-related batch jobs
- Possibility to undo item entry application
- Simplified costing setup on the item card

New

- Periodic average costing method

Planning Transparency

From the Untracked Quantity field in the Order Tracking window, it is now possible to drill down to a form that lists the various supply lines that generate the untracked quantity.

Item Tracking

The Basic Inventory granule was affected by enhancements to the Item Tracking functionality, which is described in the following section.

4140 Item Tracking

Item Tracking

The Item Tracking functionality has been enhanced as follows:

- New traceability feature (the Item Tracing window) allows the user to quickly identify where lot or serial numbers have been sold or bought. The Navigate window has also been enhanced.
- Enhancements to the Item Tracking Lines window when selecting, allocating, or counting serial/lot numbers.
- A First Expired First Out (FEFO) criterion for the flow of goods has been implemented.
- Several reports have been created or enhanced.

4640 Automated Data Capture System

The Automatic Data Capture System (ADCS) is used as a primary tracking system for movement of goods on the warehouse floor. In Microsoft Dynamics NAV 2009, the connection between the VT100 Plug-in handheld (a handheld device to scan bar codes on goods) and the Application Server for Microsoft Dynamics NAV has been simplified using TCP Sockets.

Jobs

4510 Jobs

The entire Jobs feature area has been redesigned and improved to provide a better foundation for partners. At the core of the new Jobs module lies the new budget structure made up of job task and planning lines. The task and planning lines replace the phases, tasks, and steps you may know from previous releases. Job task lines are now required, meaning that at any point an itemized overview of the job can be viewed from the Job Task Lines window.

In the new Job Task Lines window, you can drill down to view values generated by the underlying job planning lines. These planning lines are used to generate itemized sales invoices directly from the job.

The following improvements have been made to jobs:

- Handling of fixed price projects by separation of amounts into schedule (budget), usage, and contract (sales), which can be selected in the job planning lines.
- Five new Work-in-Process (WIP) calculations based on IAS standards have been added, which can be recalculated and reposted for part or all of a job.
- Better integration to item ledger and item tracking.
- Job-based pricing for items, resources, and general ledger accounts.
- Foreign currency functionality that gives users the option to plan in their local currency and bill in a customer's foreign currency or plan and bill in a customer's foreign currency.
- Copy job functionality.
- Two new reports have been created.
- It is possible to set up dimensions on job tasks and transfer these to WIP entries generated in the general ledger.

Marketing and Sales

5195 Outlook Client Integration

You can use the Outlook Client Integration feature to synchronize your to-dos and your contacts in Microsoft Dynamics NAV with meetings, tasks and contacts in Microsoft Office Outlook®. You can create, update, cancel, and delete contacts, meetings, and tasks in either program. Then you can activate the synchronization from within Outlook, or setup a recurring synchronization schedule in Microsoft Dynamics NAV. Data can be synchronized bi-directionally or one-way.

A standard synchronization schema for contacts, to-dos, and appointments is available. You can also customize the synchronization by including additional fields or new entities.

Fixed Assets

5260 Basic Fixed Assets

Fixed Assets Depreciation

It is now possible to use a calendar year of 365 days, where each month has the same number of days as in the calendar. The only exception is February in leap years, which is 28 days and not 29. Because of that, all years, also leap years, are considered to have 365 days.

This new feature, '365-days depreciation,' cannot be used in combination with 'Custom 1 Depreciation'.

Service

5911 Service Order Management

Service Order Handling

The Service module has been aligned with the design of other modules in Microsoft Dynamics NAV. The following areas have been standardized and aligned with other areas of the application:

- Integration with item tracking, jobs, and costing.
- Handling of inventory consumption for outbound service. Improvements have been made to predefine consumption, handling of actual consumption (inventory), and determine what is to be invoiced to the customer and what is consumption.
- Posting of a service order (sales of spare parts, service order closing, and invoicing) with the following shipping options: ship, consume, invoice, and ship and invoice.

Business Analytics

7020 Business Analytics – Basic and 7021 Business Analytics – Advanced

Business Analytics has been updated as follows:

- A new version of Business Analytics – Basic
 - Runs on Microsoft SQL Server® 2000 and SQL 2005
- A new version of Business Analytics – Advanced
 - Runs on Microsoft SQL 2000 and SQL 2005
- Filters that allow customers with large volumes of data to run on subsets of data. Filtering can be done on any of the dimensions used in a cube:
 - A date/time interval
 - A set of accounts
 - A set of customers
- Calculations between virtual cubes that allow for cross-cube calculations to be handled by Business Analytics – Basic. Given a cube with actual sales and

budgeted sales, Business Analytics can calculate budget deviations, forecasts, and deviations between them.

- Multiple active configurations that allow users to have configurations that can be updated with different frequencies. Budgets tend to change less frequently than actual sales.
- Support for Instances of SQL Server and Analysis Services that allows for more complex server topologies at customers and hosted scenarios.
- *Freehand MDX* with multidimensional eXpressions (MDX). MDX is the query and calculation language of Analysis Services that allows for very complex calculations to be stored in cubes created by Business Analytics for the following purposes:
 - Calculating commission
 - KPIs for Scorecards or Dashboards
 - Calculations across multiple dimensions where navigating multidimensional data is key

Mobile

8800 Mobile

Mobile Functionality in Microsoft Dynamics NAV

Microsoft Dynamics NAV 2009 includes mobile functionality so mobile users can interact with Microsoft Dynamics NAV using Microsoft Dynamics Mobile 2008—Mobile Sales from a mobile device.

Microsoft Dynamics Mobile 2008 provides customers, while away from the office, with mobile access to the same line of business applications that they rely upon in the office. Microsoft Dynamics Mobile 2008 consists of a Mobile Sales application and Mobile Development Tools that include Server Components and Framework Components to enable customers and partners to create and run mobile solutions.

Microsoft Dynamics NAV 2009 contains the integration components for Mobile Sales and Mobile Development Tools—Server Components to support the Mobile Sales scenario. The mobile functionality is described in a Help file, *mobile.chm*, which is available in English (US) only. The *mobile.chm* file provides guidance about how to set up mobile functionality in Microsoft Dynamics NAV.

Note, to take advantage of this functionality you need to have Microsoft Dynamics Mobile 2008.

Discontinued Functionality

5200 Smart Tags

The Smart Tags granule has been removed.

6210, 6220 Commerce Portal

The Commerce Portal granules have been removed.

Company Notes

The Company Notes feature has been discontinued.

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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