Quick Reference Guide

MICROSOFT DYNAMICS NAV 5.0

Microsoft Dynamics™ NAV is a business management solution that helps small and midsized organizations simplify and streamline highly specialized business processes. Microsoft Dynamics NAV can rapidly adapt to the way businesses work, and it provides industry-specific functionality that's relevant to the local needs of an organization's regions of operation, even in the most highly specialized industries. Through the rapid adaptability, simplified customization, and ease of use offered by Microsoft Dynamics NAV, organizations can easily add functionality, custom applications, and online business capabilities. Microsoft Dynamics NAV enables people to be effective and businesses to be competitive.

How to Use This Document

Microsoft Dynamics™ business management solutions are designed to help automate your unique business processes and accelerate your organization's success. This guide explains how each of the Microsoft Dynamics NAV 5.0 granules can help you meet specific business requirements.

This Quick Reference Guide is designed to be used by sales and non-technical staff in Microsoft Certified Partner organizations as a tool you can use to familiarize yourself with the full scope of the solution and to help describe specific granules and functionality to customers.

The Microsoft Dynamics NAV granules are grouped by functional area and each granule is also coded to identify which Business Ready Licensing package is needed in order to purchase the specific functionality. Depending on the level of functionality your business needs, you can choose from two licensing packages available in Business Ready Licensing:

The BUSINESS ESSENTIALS (BE) Edition is for customers who need core financial management and trade functionality that will easily scale as their business grows. This edition is streamlined for easy installation, rapid user adoption, and an attractive price.

The ADVANCED MANAGEMENT (AM) Edition is the preferred solution for growing organizations that need an adaptable solution with complex, highly functional financial and accounting programs. This edition helps customers obtain the key business intelligence and reporting they need to manage their business. The Advanced Management Edition includes all functionality included in the Business Essentials Edition and adds functionality to meet expanding business needs.

ADDITIONAL COMPONENTS (a la carte granules) are available to Business Essentials and Advanced Management customers. Each offering, Business Essentials or Advanced Management, gives access to a specific set of a la carte granules that provide a richer set of features and functionality to serve unique business needs.

Available to **BUSINESS ESSENTIALS (BE+)** customers (already included in Advanced Management).

Available to **ADVANCED MANAGEMENT (AM+)** customers only.

Available to **BUSINESS ESSENTIALS AND ADVANCED MANAGEMENT (BE/AM+)** customers.

More About Licensing

Microsoft Dynamics NAV is licensed with license keys. The solution requires registration before it is ready for use—registration unlocks the functionality that a customer has licensed and enables the appropriate number of users to connect to the software.

In Microsoft Dynamics NAV, series of objects are placed into granules. A granule is a set of object permissions that can be added to a license key. As you will see in this guide, some granules also include other granules. Additionally, certain granules require others as prerequisites in the license key. Granules are grouped together to form license keys. User access rights (from a security standpoint) are controlled by the System Administrator.

All new Business Ready Licensing sites must order a Foundation Pack, and a site license is needed for each system database deployed. Microsoft Dynamics NAV offers two Foundation Pack choices:

- Foundation Pack for the Business Essentials Edition
- Foundation Pack for the Advanced Management Edition

When the appropriate Foundation Pack has been licensed, customers can add more full-access concurrent users in addition to the user who is included in the Foundation Pack. The Foundation Pack determines the type of additional users that can be licensed—either Business Essentials or Advanced Management—but not both on the same site license.

For more information about Business Ready Licensing, please visit **https://mbs.microsoft.com/partnersource/products/navision/businessreadylicensing.htm**

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Foundation Pack

310 Business Essentials Edition Foundation Pack (Includes 1 user)

Business Ready Licensing Business Essentials Edition is designed for companies that need core financial management and trade functionality. Such functionality includes Basic Financials Management granules (such as General Ledger and Fixed Assets), Basic Supply Chain Management, Basic Sales Management (Sales, Purchasing, and Inventory), and Basic Configuration and Development Tools. Businesses can benefit from the Business Essentials Edition and expand smoothly to the Advanced Management Edition when the need for more advanced functionality arises.

320 Advanced Management Edition Foundation Pack (Includes 1 user)

Business Ready Licensing Advanced Management Edition is the preferred solution for growing midmarket customers who are looking for an adaptive solution with a broad set of functionality. It includes all Business Essentials Edition functionality, plus Business Intelligence and Reporting, Manufacturing, Advanced Supply Chain Management (Bill of Materials, Requisition Management), Advanced Financial Management (Collection, Cash Management), Project Management, and more.

1140 Unlimited Companies

Provide competitive pricing if your business needs more than one company.

1400 User IDs and Passwords

Create user IDs and passwords to limit access to the information in Microsoft Dynamics NAV to selected individuals. Control access to the solution and give all designated users full permissions. These security features are a function of the Microsoft Dynamics NAV database. This granule can be used alone or in combination with the Permissions granule.

1410 Permissions

Assign and limit user permissions with this advanced and detailed system. Control access to each table, form, report, data port, codeunit, XMLport, and menu unit of Microsoft Dynamics NAV. Assign customized menus and windows to users so each user can access only the functions necessary for his or her job.

1415 Application Server (1 instance)*

Application Server is required for an n-tier solution, including User Portal, Commerce Portal, and Commerce Gateway. Each internal user requires one (1) Web User to access the solution with any device via the Application Server. Any third-party access through the Application Server also requires one (1) Web User per internal user. Excluded from this are those Microsoft Dynamics NAV products or agreements made explicitly with third parties, for which another type of user exists. Access to graphical viewing is not included in the Application Server. To access graphics from Microsoft Dynamics NAV data, a C/FRONT granule is also required.

* One instance included in the Foundation Pack. Additional instances can be purchased a la carte.

1520 Windows® (Intel)

A multi-user solution requires the server to be configured. If the solution is later moved to another platform, the new server must be configured and the original server platform will no longer be valid.

To run multiple servers, you must buy multiple licenses. Only one license can be used to run one server (database) for the purpose of creating and maintaining your own data and accounts. Exceptions: You can start the server program several times to connect several networks to the same server (database). You can start several servers (databases) at the same time with the same license for the specific purpose of testing and developing.

2010 Microsoft SQL Server Option (does not include Microsoft SQL Server license)

A single-user solution and a multi-user solution require Microsoft® SQL Server® configuration. If the solution is later moved to another platform, the new server must be configured. The original server platform will no longer be valid.

To run multiple servers, you must buy multiple licenses. Only one license can be used to run one server (database) for the purpose of creating and maintaining your own data and accounts. This also includes the Microsoft Desktop Edition. Exceptions: You can start the server program several times to connect several networks to the same server (database). You can start several servers (databases) at the same time with the same license for the specific purpose of testing and developing.

2030 Microsoft SQL Server Desktop Engine

Microsoft SQL Server Desktop Engine is the redistributable version of the SQL Server relational database engine with a 2-GB limit.

2130 Navision 5.xx (Must be included with all new 5.0 licenses)

This granule is required for access to run Microsoft Dynamics NAV release 5.0 and higher.

3780 Salespeople/Purchasers

Keep track of purchases and sales per person by assigning purchasers to vendors and salespeople to customers. Purchasers and salespersons are tracked in the Vendor Ledger, Customer Ledger, Item Ledger, Job Ledger, and Resource Ledger. Statistics are generated about individual salespeople and purchasers based on this information, which can be used for calculating commissions.

5010 Bank Account Management

Manage an unlimited number of bank accounts in both local and foreign currencies.

Key =BE =AM =BE+ =AM+ =BE/AM+

Users

410 Full Access BRL BE User

Add concurrent, full-access users to the Business Essentials Edition Foundation Pack.

420 Full Access BRL AM User

Add concurrent, full-access users to the Advanced Management Edition Foundation Pack.

2310 Web Users (1)

Provide an internal casual user with access to the solution via a Web browser.

2320 Web Users (25)

Provide access to 25 more Web Users of the solution.

2330 Web Users (100)

Provide access to 100 more Web Users of the solution.

Financial Management

GENERAL

3010 Basic General Ledger (Includes 1 User)

This granule includes all the basic functionality necessary for setting up a company and posting to the general ledger, chart of accounts, general journals, VAT facilities, recurring journals, and source codes. Also includes:

- Facilities for internal and external reporting.
- Approval of sales and purchase documents.
- Posting and reporting in your company's base currency.
- Post and report in an additional currency with the addition of the Multiple Currencies granule.
- Capability to export data from any form to Microsoft Office Word or Microsoft Office Excel® using style sheets.
- Capability to link to external documents.
- Two languages—U.S. English and one other.
- Set up sales and purchase documents archiving.

3020 Allocations

Allocate general ledger entries to combinations of accounts, departments, and projects using allocation keys based on amount, percentage, or quantity.

3030 Budgets

Work with budgets in general ledger accounts. After you have created a budget, you can print a balance that shows variances to the budget by percentage. Work with multiple budgets at one time. For example, work with a 100% budget, a 110% budget, and so on. Budgets are generally entered per period for the relevant general ledger accounts.

3040 Accounts Schedules

Arrange financial reports based on the figures in the chart of accounts and budgets, but using a different arrangement of financial figures, texts, or details than in the chart of accounts. Choose the accounts you want to include (or exclude), change the order of the accounts, combine figures in various ways, and set up which columns to print. In addition, you can make simple calculations.

3050 Consolidation

Consolidate companies in Microsoft Dynamics NAV. The companies can come from one or from several different Microsoft Dynamics NAV databases or other files, and you can import and export financial information in this granule. If data used is retrieved from several Microsoft Dynamics NAV solutions, use this granule only in the parent company.

3060 Responsibility Centers

Set up profit centers and/or cost centers. A company can sell items with specific prices and that are related to a responsibility center. You can tie a user to a responsibility center so that only sales and purchase documents related to the particular user are displayed. Users get assistance with entering extra data, such as dimensions and location codes.

3070 Basic XBRL

Export documents from Microsoft Dynamics NAV in XBRL (Extensible Business Reporting Language) format and import XBRL taxonomies into Microsoft Dynamics NAV from the Internet, e-mail, or other systems. XBRL is an XML-based specification that uses accepted financial reporting standards based on standardized, underlying data tags. The granule includes:

- Capability to map your general ledger to XBRL taxonomies so that the same XBRL document instance can be used for various purposes, independent of the format required by the receiver of the document.
- Support for the XBRL 2.0 Specification released by the XBRL Consortium.

3080 Change Log

Log user changes made to Microsoft Dynamics NAV master data. You can log all direct modifications a user makes to the data in the database, except for changes to "working documents" such as journals, sales orders, and purchase orders. The change log functionality makes it possible to get a chronological list of all changes to any field in any table (except those "working documents" just mentioned) and to identify by user ID who made the changes.

3090 Intercompany Postings

Manage accounting for more than one company in the same posting process. The companies can be in the same or in one of several different Microsoft Dynamics NAV databases. You can also send documents to partner companies. Users control the document flow through an Inbox/Outbox feature, and transactions are completed as general journal transactions or through receivables and payables, which enables the use of currencies and correct reconciliation.

3200 Basic Liquidity Forecast*

Set up a liquidity prognosis of your company. Using liquidity cards, you can achieve a complete history by saving any liquidity prognosis you make. The structuring of your liquidity plan takes place on the basis of an individual chart of accounts, so the structure can be developed on the basis of bank accounts, and reports can be built up on this structure. The liquidity prognosis can include data from financial accounting, sales and receivables, payables and purchase, and fixed assets. The transfer of open entries, orders, liquid funds, budgets, and planned investments of fixed assets into the liquidity prognosis takes place by function. You can:

- Define neutral incomes and costs.
- Determine the paying habits of customers and vendors when computing the liquidity prognosis.
- Create reports for liquidity development and liquidity trends.

Account schedules make alternative preparation of your data easy. You can:

- Create internally used evaluations, such as a liquidity plan or individual reports, for example, a computation of liquid level.
- Sum up and combine individual accounts from the liquidity chart of accounts in an account schedule to receive the evaluations you want.
- Design and save unlimited schedules.
- Automatically calculate balances, account groups, and sums when you preview or print a schedule.
- Work with formulas and set filters on dates and dimensions, specify which columns should be printed and what they should contain, and export the schedule to Excel.

* Not available in all countries. Please check the price list.

3210 Liquidity Forecast—Analysis Views*

Define analysis views in order to analyze liquidity accounts per dimension. You can update analysis views automatically with each transaction or update them manually and then make the data available in compressed form. Export analysis views to Excel as a PivotTable® view.

* Not available in all countries. Please check the price list.

3220 Basic Analytical Accounting*

3230 Cost Budget*

Manage cost accounting. Administer and analyze the effective cost of a company or enterprise. Includes the following:

- Cost center and cost object accounting.
- Cost types, cost centers, and cost objects which can be taken over from the general ledger or defined independently.
- Automatic transfers from the general ledger to cost accounting, as well as the ability to manually post internal invoices and allocations.

- Reoccurring postings.
- Support for static and dynamic allocations based on percentage or according to amount per share.
- Account schedules similar to the general ledger. Detailed reporting structure, which enables people to define the scope.
- Capability to compare figures to budget.

* Not available in all countries. Please check the price list.

FIXED ASSETS

5260 Basic Fixed Assets

Keep track of fixed assets such as buildings, machinery, and equipment. You can also post various fixed-asset transactions: acquisitions, depreciation, write-downs, appreciation, and disposal. For each fixed asset, you set up depreciation books in which the methods and other conditions used for calculating depreciation are defined. You can set up an unlimited number of depreciation books to satisfy legal requirements, and for tax and internal accounting purposes. This granule is well suited for international companies that need to use many depreciation methods.

5270 Insurance

Keep track of insurance coverage and annual insurance premiums for your fixed assets and easily determine whether your assets are under- or over-insured. You can attach each asset to one or more insurance policies and also index insurance amounts.

5280 Maintenance

Record maintenance and service expenses for each fixed asset. Get the detailed information you need to analyze and make decisions about the renewal and disposal of fixed assets. This granule integrates with General Ledger.

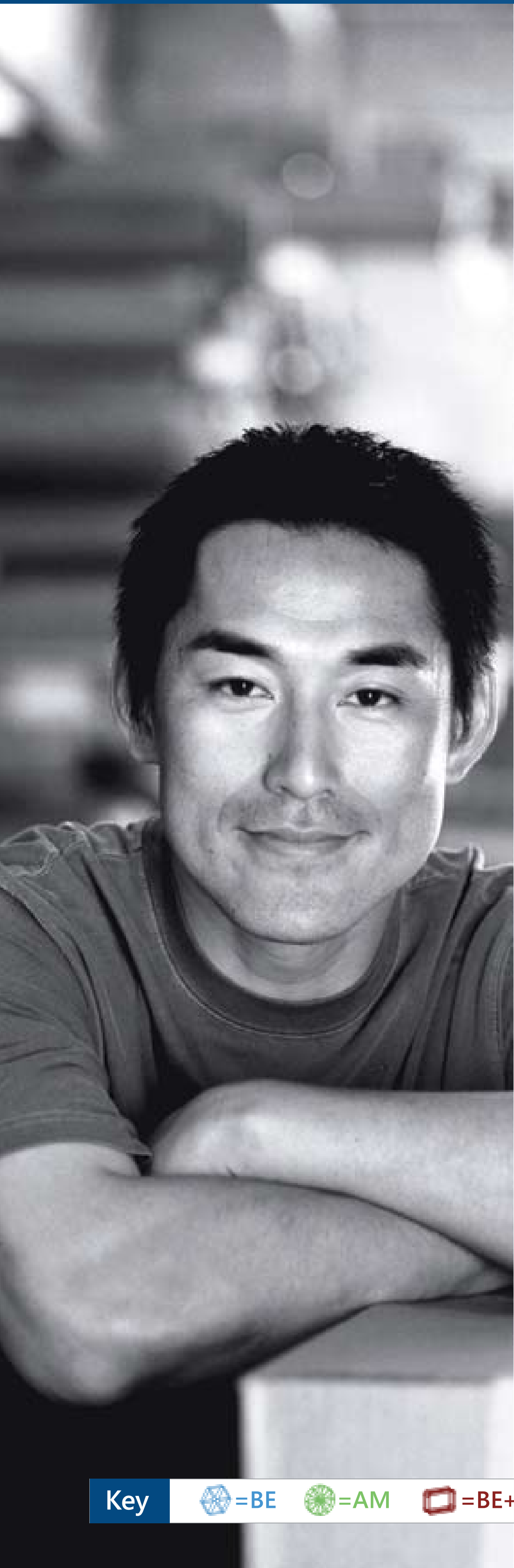
5290 Fixed Assets—Allocations

Allocate different percentages of fixed asset transactions, such as acquisition cost and depreciation, to different departments or projects by using allocation keys. Useful for when several departments share a fixed asset.

5300 Reclassification*

Reclassify a fixed asset or part of a fixed asset—for example, from one department to another. You can split one fixed asset into several fixed assets, or combine several fixed assets into one fixed asset. When you need to dispose of one part of a fixed asset, you can split it into two assets and then dispose of the appropriate one.

* Available a la carte for Business Essentials customers with Russian and Spanish Microsoft Dynamics NAV licenses.



CASH MANAGEMENT

5030 Bank Reconciliation

Reconcile your bank accounts in Microsoft Dynamics NAV with your statements. Apply amounts from your bank account ledger to the reconciliation form and keep track of all bank statements.

5020 Check Writing

Generate printed checks with unique number series for each bank account. You can also void or reprint an already printed check, and specify on the journal line whether you want this payment to be made with a computer or a manual check.

Key =BE =AM =BE+ =AM+ =BE/AM+

Business Intelligence and Reporting

BUSINESS ANALYTICS

7020 Business Analytics Base Functionality

Analyze data from different application areas within Microsoft Dynamics NAV. View data measures of your choice across dimensional models. This granule includes a set of forms for configuration of dimensions and measures. A configuration engine configures Data Transformation Services (DTS) packages for data transfer and configures schema for datamart tables and OLAP cubes. You can view and analyze data with Excel by connecting Excel to the OLAP cubes.

7021 Business Analytics Advanced

Advanced windows viewer enables easy analysis and includes a report writer, a Web interface, and the possibility of simple data mining.

MICROSOFT BUSINESS SOLUTIONS—FRX AND FORECASTER

(Available to Canada and U.S. licenses only)

9960 FRx Desktop (includes 1 Designer User)*

Create, launch, view, and distribute Microsoft FRx® financial reports, and export report output to OLAP cubes or XBRL-instance documents. Reports are generated on a local workstation and can be published to FRx WebPort or via e-mail. Granule includes Report Designer, Report Launcher, and Drilldown Viewer™.

* One FRx user comes with each purchased Business Ready Licensing user.

9962 Microsoft Forecaster Professional (includes 1 named user)*

Complete budgeting and planning solution.

* One Forecaster user comes with each purchased Business Ready Licensing user.

9963 Microsoft Forecaster Professional (per each additional named user)

Complete budgeting and planning solution.

9964 Microsoft Forecaster Professional Unlimited User Pack

Complete budgeting and planning solution.

9966 FRx Designer Users (additional 1 user)

Create, generate, view, distribute, and manage financial reports from your desktop.

9967 FRx Designer Users (additional 4 users)

Create, generate, view, distribute, and manage financial reports from your desktop.

9968 FRx WebPort (includes 10 WebPort users)

Quickly publish, store, and manage Microsoft FRx reports and non–Microsoft FRx documents on a security-enhanced Web site.

9969 FRx WebPort (additional block of 10 WebPort users)

This granule includes an additional block of 10 WebPort users.

9970 FRx Report Server (first copy)

Automate the production of reports that you run and distribute on a regular basis. Schedule reports to run overnight or during off-peak hours to minimize the impact on your server resources.

9971 FRx Report Server (per additional copy)

Automate the production of reports that you run and distribute on a regular basis. Schedule reports to run overnight or during off-peak hours to minimize the impact on your server resources.

9972 FRx Currency Translation

Automatic currency translation—needed by companies that do multi-national reporting. Create multiple exchange rate tables using Microsoft FRx or access the exchange rate table information maintained in the general ledger.

9973 FRx Drilldown Viewer (per user)

Receive and review detailed reports onsite or offsite, without accessing the general ledger. Investigate the origin of any number by clicking or drilling down on a report row to access multiple layers of detail—all the way to transaction detail level.

9974 FRx Report Launcher (per user)

Select a predesigned report, specify an output option, and generate the report on demand. Drill down to the transaction detail level while maintaining the format and integrity of the original report design. This granule is especially useful for executives and finance professionals.

9975 FRx Report Manager

Automatically produce report books containing many different types of documents and files, and present information in a logical, organized, and relevant way.

Key =BE =AM =BE+ =AM+ =BE/AM+

Supply Chain Management (SCM)

SALES AND RECEIVABLES

3260 Basic Receivables

Set up and maintain the customer table. Post sales transactions in journals and manage receivables; register customers and manage receivables using general journals. Together with Multiple Currencies, this granule can post sales transactions and manage receivables in multiple currencies for each customer. Basic Receivables is integrated with Basic General Ledger and Inventory and is required for the configuration of all other Sales and Receivables granules. Sales Invoicing is also frequently used with this granule. Always use this granule when your solution requires a customer table.

3270 Sales Invoicing

Set up, post, and print customer invoices and sales credit memos. This granule is fully integrated with General Ledger and Inventory.

3280 Sales Order Management

Manage sales quotes, blanket sales orders, and sales order processes. Setting up an invoice directly differs from setting up a sales order in which the quantity available is adjusted as soon as an amount is entered on a sales order line. Quantity available is not affected by an invoice until the invoice is posted. Use the Sales Order Management granule to:

- Manage partial shipments.
- Ship and invoice separately.
- Create prepayment invoices for the sales order.
- Use quotes and blanket orders in the sales phase. (Quotes and blanket orders do not affect inventory figures.)

3290 Sales Invoice Discounts

Calculate invoice discounts automatically. Set up any number of invoice discount terms, including a certain minimum amount, discount percentage, and/or a service charge. The discount is calculated on the individual item lines and becomes part of the net sum of the invoice. Calculations can be done in both local and foreign currencies.

3310 Alternative Ship-To's

Set up ship-to addresses for a specific customer when the customer has multiple invoicing and ship-to addresses.

3320 Order Promising

Calculate availability and delivery dates. Find out if it is possible to deliver on a particular date, or calculate a possible delivery date based on lead time or production time if you have no inventory available.

3340 Shipping Agents

Set up multiple shipping agents (for example, UPS, DHL, external carriers, or your own carrier) and relate their services (express, overnight, standard) with shipping time. Use this granule with sales orders and transfer orders.

3350 Sales Return Order Management*

This granule enables you to create a sales return order, so you can compensate a customer for wrong or damaged items. Items can be received against the sales return order. Create a partial return receipt or combine return receipts on one credit memo. Link sales return orders with replacement sales orders.

* Available a la carte for Business Essentials customers with Greek Microsoft Dynamics NAV licenses.

3360 Calendars

Set up calendars with working and non-working days. Assign a base calendar to customers, vendors, locations, companies, shipping agent services, and the service management setup—and make changes to each as necessary. Calendar entries will be used in date calculations on sales orders, purchase orders, transfer orders, production orders, service orders, and requisition and planning worksheets.

3370 Sales Line Discounting

Work with customer discounts that are either customer-specific or customer-group-specific so you can share a discount among several customers. Negotiate the discount percentage for each customer or customer discount group.

3380 Sales Line Pricing

Work with sales prices that are either customer-specific or customer-group-specific so that you can share a price among several customers. Negotiate the actual prices with the customer or customer price group.

3390 Campaign Pricing

Work with sales prices and sales line discounts connected with specific campaigns. After you have activated the prices/discounts, any customer or contact related to a company currently in a segment associated with a given campaign can access the price/discount associated with that campaign. Prices are valid for the life of the campaign or until you decide to deactivate them. When you create a sales document or service order, the campaign price/discount is included among the pricing reductions available when Microsoft Dynamics NAV chooses the price to retrieve on the line.

SALES TAX

3410 Sales Tax

Calculate U.S. Sales Tax and set up individual tax areas for each customer and vendor. Also enables you to calculate use tax on the tax. Sales tax can also be calculated from the general journal lines.

PURCHASE AND PAYABLES

3510 Basic Payables

Set up and maintain a vendor table, post purchase transactions in journals, and manage payables. Includes the vendor table and enables you to generate vendor ledger entries using general journals. Use this together with the Multiple Currencies granule to post purchase transactions and manage payables in multiple currencies for each vendor. This granule is always used if your solution requires a vendor table. It is integrated with General Ledger and Inventory and required for the configuration of all other Purchase and Payables granules. Purchase Invoicing is also frequently used with this granule.

3520 Purchase Invoicing

Set up, post, and print purchase invoices and purchase credit memos. This granule is integrated with General Ledger and Inventory.

3530 Purchase Order Management

Manage purchase quotes, blanket orders, and purchase order processes. Creating a purchase order differs from creating a purchase invoice directly. The quantity available is adjusted as soon as an amount is entered on a purchase order line, but it is not affected by a purchase invoice until the invoice is posted. Use this granule to:

- Manage partial receipts.
- Receive and invoice separately and create prepayment invoices for the purchase order.
- Use quotes and blanket orders in the purchase phase. (Quotes and blanket orders do not affect inventory figures.)

3540 Purchase Invoice Discounts

Calculate invoice discounts automatically. The discount can differ from vendor to vendor with different minimum amounts (also in different currencies) and different rates, depending on the size of the invoice. The discount is calculated on the individual item lines and becomes part of the net sum of the invoice.

3550 Requisition Management

Automate the requisition process. Generate suggested purchases based on a variety of data, such as minimum and maximum quantities and reorder quantities.

3560 Alternative Order Addresses

Manage addresses for vendors who have more than one order address. The number of possible order addresses is unlimited.

3570 Purchase Return Order Management*

Create a purchase return order in order to compensate your own company for wrong or damaged items. Items can then be picked from the purchase return order. You can set up partial return shipments or to combine return shipments in one credit memo and link purchase return orders with replacement purchase orders.

* Available a la carte for Business Essentials customers with Greek Microsoft Dynamics NAV licenses.

3580 Purchase Line Discounting

Work with vendor-specific purchase discounts (the percentage that the vendor will give as a discount). With a line discount, you negotiate the percentage discount that the vendor will give.

3590 Purchase Line Pricing

Work with purchase prices that are vendor-specific (the prices negotiated with the vendor). With a purchase price, you negotiate the actual prices with the vendor.

3770 Drop Shipments

Link sales and purchase orders, and when items are shipped directly from the vendor, link them to the customer. Handle items shipped direct from vendor to customer without manually entering inventory. The invoicing process is not affected by drop shipments. This granule is useful for businesses that sell items that are shipped directly from the vendor to the customer without ever being placed in inventory.

INVENTORY

4010 Basic Inventory

Keep track of items and prices. Set up each item and post item transactions in journals. This granule includes the Microsoft Dynamics NAV item tables, item entries, and item journals. Integrated with General Ledger and with the posting processes in Sales and Receivables and Purchase and Payables, this granule is required for the configuration of all other Inventory granules.

4040 Multiple Locations

Manage inventory in multiple locations. This granule includes locations in plants or production facilities as well as distribution centers, warehouses, and service cars.

4045 Stock Keeping Units

Manage stock-keeping units (SKUs). Identical items with the same item number can be stored in different locations and managed individually at each location. Add cost prices, replenishment, manufacturing information, and so on, based on the location.

Key =BE =AM =BE+ =AM+ =BE/AM+

4050 Alternative Vendors

Manage purchase of the same items from several different vendors. Create alternative vendors and price information for inventory items. Useful for when a company has several possible vendors for the same items.

4060 Bills of Materials

Create bills of materials (BOMs). Break down finished goods into BOMs, which describe constructions, packaging details, and other products always sold together. Set up BOMs in the item table with a BOM description specifying items, resources, quantities, and so on. You can batch jobs for calculating the direct unit cost of the BOM. This granule also supports the building of kits, individual items that are grouped or packaged together to create a special, single item. BOMs for kits can be defined and assigned to items. Kits can be built and disassembled using the BOM Journal.

4065 Kitting (version 5.0 or later)*

In addition to the kitting features included in the Bills of Materials granule, kits can be added to sales orders, managed using item tracking, reserved, and created using instant production. Orders, pick tickets, packing slips, and invoices can display kits details. Additional reporting is also provided for kit margins and availability calculations.

* Not available in all countries. Please check the price list.

4100 Location Transfers

Track inventory as it is moved from one location to another and account for the value of inventory in transit and at various locations.

4110 Item Substitutions

Link items with the same or similar characteristics so that if a customer orders an item that is unavailable, you can offer substitute items and avoid losing the sale. Or, provide an extra service to your customer by offering lower-cost alternatives.

4120 Item Cross References

Quickly and precisely identify the items a customer is ordering on the basis of item numbers other than your own. Cross-reference information from customers, vendors, and manufacturers, as well as generic numbers, universal product codes (UPCs), and European article numbers (EANs) that can be stored and easily accessed.

4130 Nonstock Items

Offer items that are not part of your inventory but that you can order from the vendor or manufacturer. Such items are registered as nonstock items but otherwise are treated like any other item.

4140 Item Tracking

Manage and track serial and lot numbers. Assign serial or lot numbers manually or automatically, and receive and ship multiple quantities with serial/lot numbers from a single order line entry.

4150 Item Charges

Manage item charges. Include the value of additional cost components such as freight or insurance into the unit cost or unit price of an item.

4160 Cycle Counting

Manage cycle counting, a basic method of verifying inventory record data used to maintain and increase inventory accuracy. Set up cycle counting on the item or SKU level.

4170 Bin

Organize your warehouse by assigning items to bins, the smallest unit in the warehouse logical structure. Bin assignment is done as the item journals or directly on the document lines (does not apply to order lines).

4180 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.

4190 Warehouse Receipt

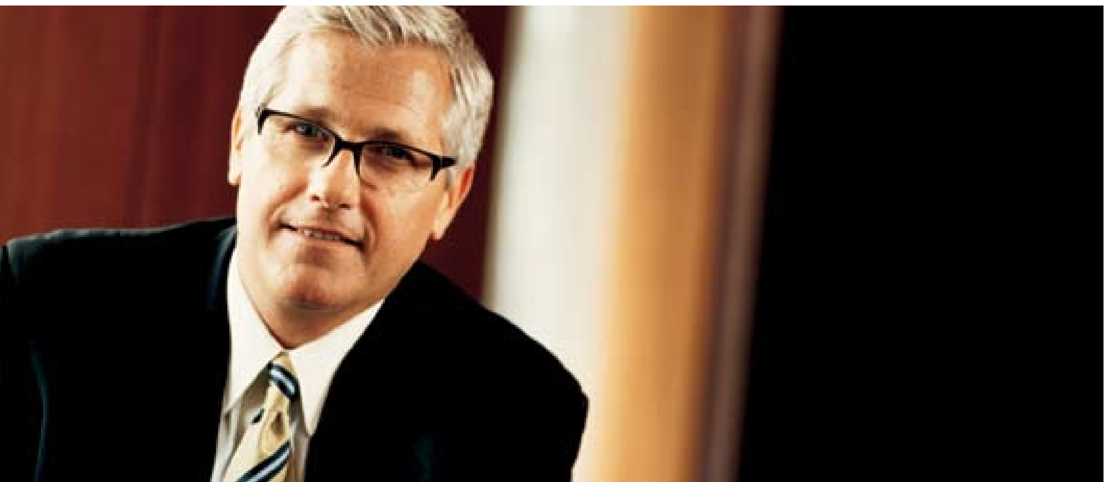
Enable warehouse workers to create a put away from the receipt. Warehouse Receipt is managed from a separate user interface when receiving items in a multi-order environment.

4200 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.

4210 Warehouse Shipment

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.



Key =BE =AM =BE+ =AM+ =BE/AM+

4220 Standard Cost Worksheet

Efficiently review and update standard costs with this worksheet. The standard cost worksheet provides a company's controllers with a reliable and efficient way to maintain accurate and up-to-date inventory costs. Work with standard cost updates the same way you work with an Excel spreadsheet but within the framework of Microsoft Dynamics NAV. Because it provides an overview of the current standard costs, the worksheet is a convenient place to prepare for a cost update without the changes having an immediate effect in the system. Using the worksheet, you can:

- Carry out cost updates for both the purchased components and capacity by using different sorting criteria in several worksheets simultaneously, and then later consolidate them into one.
- Get information that can help you identify and avoid potential errors by simulating the cost of the manufactured item due to changes in components and/or capacity use cost and viewing the effect.
- Help ensure that you execute the changes at a given date and that any revaluation resulting from cost changes is dealt with in the system.

4230 Analysis Reports

Provide company decision-makers, especially those with overall responsibility for sales, purchases, and product portfolio management, with an efficient and flexible way to get meaningful information out of the system to inform day-to-day decisions. Built on item entries, this granule provides a customizable, analytic view that enables people to add and combine analysis objects—customers, items, and vendors—according to their needs. You can:

- Present figures in both amounts and quantities and compare by periods as well as against budget. When the figures are put in a formula, they can become an indicator of the company's performance.
- Drill down to locate the cause of problems.
- View sales dynamics; analyze inventory turnover; evaluate customers' buying behavior; spot trends; reconsider product offerings, prices, and vendors; and make informed business decisions.

4240 Item Budgets

Make sales and purchase budgets on the customer, vendor, and item levels, and in both amounts and quantities. Prepare and record a sales budget that can serve as input to decision-makers in other operational areas, such as purchasing and logistics. Decision-makers gain information about future expected demand they can use for business discussions with the customers. After budgets are made, track the actual sales performance by means of calculating the variance. The ability to move budgeted figures between the system and Excel provides additional flexibility to the budgeting process.

WAREHOUSE MANAGEMENT

4620 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.

4630 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.

4640 Automated Data Capture System

Capture data automatically. Keep data accurate, even in a hectic environment. Uses Application Server and supports some of the workflows in Warehouse Management Systems that enables warehouse automation.

4660 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.

Manufacturing

BASIC MANUFACTURING

5410 Production Orders

Create and manage production orders, and post consumption and output to the production orders. After you have created a production order, you can calculate net requirements based on that production order. Production Orders includes a manual supply panning tool as an alternative to automatic planning. The Order Planning window provides the visibility and tools you need to manually plan for demand from sales lines and then to create different types of supply orders directly.

5420 Production Bill of Materials

Create bills of materials and calculate standard cost. Required for configuration of all other Manufacturing granules.

AGILE MANUFACTURING

5430 Version Management

Create and manage different versions of the manufacturing bill of materials and routings. You must purchase the Basic Capacity Planning granule before you can set up multiple versions of routings.

5805 Agile Manufacturing

This granule enables you to run Agile Manufacturing, Supply Planning, and Capacity Planning granules.

SUPPLY PLANNING

5810 Basic Supply Planning

Plan material requirements based on demand with support for master production scheduling and materials requirements planning. Includes:

- Automatic production orders and purchase orders.
- Action messages for fast and easy balancing of supply and demand. Support for bucketless and bucketed material requirements planning.
- Setup for items with their own reordering policy, including registration of whether they are manufactured by or purchased from a third party.

5820 Demand Forecasting

Manage demand forecasting based on items.

CAPACITY PLANNING

6010 Basic Capacity Planning

Add capacities (work centers) to the manufacturing process. Set up routings and use these routings on production orders and in material requirements planning. View loads and the task list for the capacities.

6020 Machine Centers

Add machine centers as capacities to the manufacturing process.

6030 Finite Loading

Manage finite loading of capacity-constraint resources. Make more reliable plans by taking capacity constraints into account so that no more work is assigned to a work center than the capacities can be expected to execute during a given time period. Used with the Order Promising granule, Finite Loading also enables the system to calculate capable-to-promise (CTP).

6040 Production Schedule

View production orders and capacity loading in an integrated, graphical Gantt chart. Reschedule operations by dragging and dropping in a graphical interface to update the related production order data. This granule does not provide new scheduling functionality. Instead, it enables you to use a graphical interface for tasks otherwise done in tabular form in routings, task lists, load windows, and so on. By consolidating existing data and functions for capacity planning and scheduling in one graphical interface, this granule provides an improved overview and simplifies use for different user roles. This granule is targeted at smaller manufacturing companies, so it does not support the more advanced capacity planning features such as Finite Loading, and it is best suited for a limited amount of concurrent production orders.

DEMAND PLANNER

7840 Demand Planner 2.0 (version 3.6 or later)*

Model your business on multi-dimensional hierarchical data. Dimensions, products, markets, and time correspond to the main questions used in forecasting, such as "what did customers buy?" and "who bought what and where?" This granule includes the following:

- Analysis of dimensions in as many levels as needed from the most detailed level (such as product-customer-week) up to an aggregated level (such as product family-country-year).
- Automatic distribution of quantities defined at a given aggregation level down into more detailed quantities for forecasting.
- A library of selected forecasting algorithms that can derive the future demand forecast from the analysis of the past data. These forecasting algorithms can be applied to several business contexts; they can generate forecasts for stable or seasonal demand, as well as account for increasing or decreasing sales trends.

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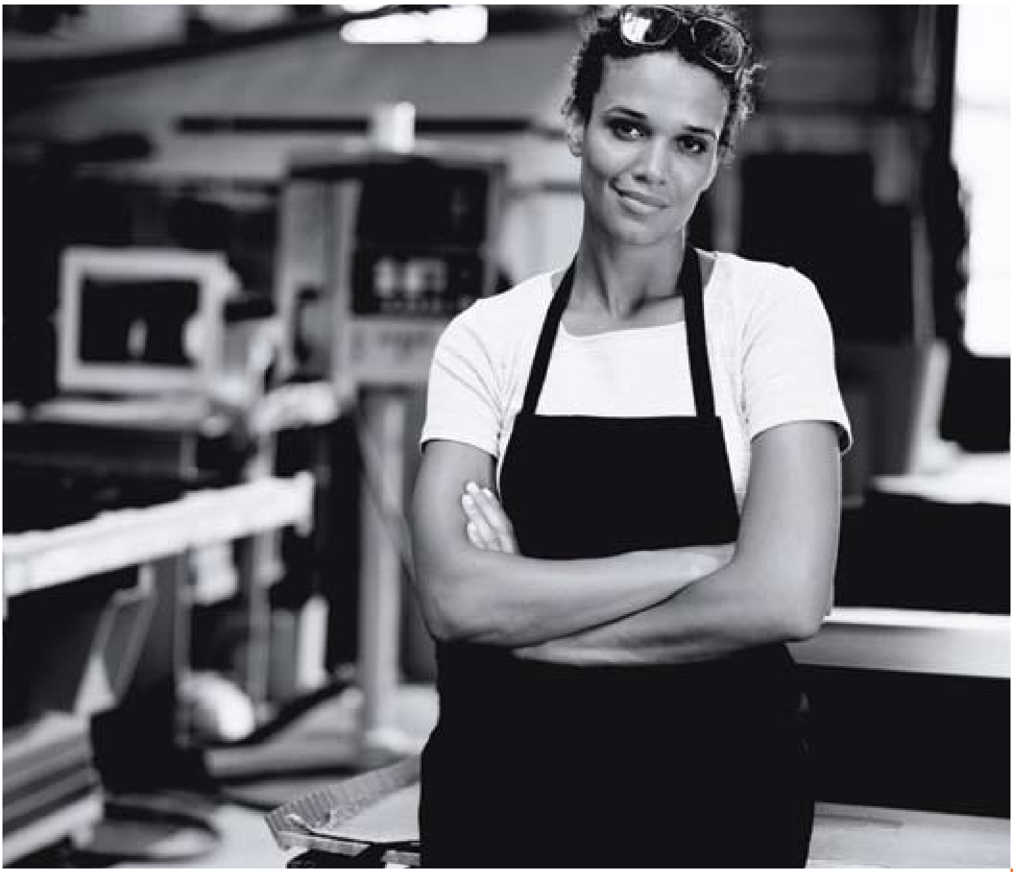
- "Best-fit" functionality that helps people apply powerful statistical techniques to demand forecasting without being statistical experts.
- Automatic calculation of an a priori estimate of the possible error for each algorithm.
- Filters to help show only the data of interest, define warnings to highlight exceptions, and present data in a graphical way.
- Collaboration features that enable people to share forecasts with external people such as sales, marketing, and product managers; to manage consensus; and to consolidate the agreed upon plans. Each person involved in the process can receive the specific part of the plan that he or she is involved with, work on it using Excel, and then synchronize modifications, repeating the process as often as necessary to arrive at consensus. People can work online or offline as needed.

* Not available in all countries. Please check the price list.



Project Management

RESOURCES

4260 Basic Resources

Keep track of resources and prices. Register and sell resources, combine related resources into one resource group, or track individual resources. Divide resources into labor and equipment and allocate resources to a specific job in a time schedule.

4270 Capacity Management

Plan capacity and sales, and manage usage statistics and profitability of resources. Create your plan in a calendar system with the level of detail and for the period of time that you need. Also monitor resource usage and get a complete overview of your capacity for each resource with information about availability and planned costs on orders and quotes.

4290 Multiple Costs

Manage alternative costs for resources and resource groups. The costs can be fixed or based on an additional percentage or an additional fixed charge. Define as many work types as you need.

JOBS

4510 Jobs

Keep track of usage on jobs and data for invoicing the customer. Manage both fixed-price jobs and time-and-materials jobs. You can also:

- Create a plan for a job with multiple tasks and task groupings. Each task can have a budget and can be done for whatever period of time you need.
- Copy a budget from one job to another and set up a job-specific price list for charging of items, resources and general ledger account expenses to the job's customer.
- View suggested Work in Progress and Recognition postings for a job.
- Plan and invoice the job in a currency other than the local currency using Jobs together with Multiple Currencies.
- Assign a specific job to a specific customer and invoice the job completely or partially using Jobs together with Sales Invoicing.

Customer Relationship Management (CRM)

SALES AND MARKETING

5110 Contact Management

Maintain an overview of your contacts, and personalize your approach to them. Record your contact information for all business relationships. This granule is tightly integrated with the Sales and Receivables application area. You can also:

- Specify the individual people related to each contact.
- Get an automatic alert if you enter contact information that already exists with the duplicate check function.
- Get a precise view of prospects and customers by categorizing your contacts based on profiling questions.
- Issue quotes to prospects or create sales documents for specific contacts if you have Sales Order Management.

5120 Contact Classification

Sort your contacts into categories, and automatically classify your customers based on criteria you specify. For example, you can see the program group contacts in terms of revenue. Use this information to target contacts for your campaigns. Divide your customers into ABC segments and even use this granule for rating (assign the weights of two questions to identify the value of a third question).

5130 Campaign Management

Organize campaigns based on segments of your contacts that you define. Define segments based on specific criteria, such as sales, contact profiles, and interactions, and reuse existing segments or segmentation criteria. Use the Merge feature in Word (or send other file formats) to communicate with the contacts in your segment. To send a document to people of different nationalities in their native language, use Campaign Management with Interaction/ Document Management.

5140 Opportunity Management

Keep track of sales opportunities. Section your sales processes into different stages, and use this information to get an overview of and manage your sales opportunities.

5150 Task Management

Organize the tasks related to your sales and marketing activities. Create to-do lists for yourself and assign tasks to other users or teams of users. Automatically create recurring to-do items and activities consisting of several to-do items.

5160 Interaction/Document Management

Record all the interactions that you have with your contacts—for example, telephone calls, meetings, or letters. Attach documents to interactions (Word, Excel, or .txt files). You can also automatically record other interactions—for example, all Microsoft Dynamics NAV documents that you send to your contacts, like sales orders or quotes, can be logged and retrieved at a later time. By using TAPI- (Telephony Application Programming Interface) compliant telecom devices, you can call a contact by clicking a button on the electronic contact card.

5170 Contact Search

Search for all information related to a specific contact—for example, an opportunity, an address, or comments about this contact. Find information even when you don't know the correct spelling of a contact's name.

5180 Mail Logging for Microsoft Exchange Server

Log all e-mail correspondence. Log inbound and outbound e-mail sent through Microsoft Dynamics NAV or Microsoft Office Outlook®, and set up the program to log automatically or manually in Microsoft Dynamics NAV. The solution is server-based and requires Microsoft Exchange Server (version 5.5, SP 4 or later) in order for you to keep e-mail messages in their natural environment to ease administration.

5195 Outlook Client Integration

Synchronize your to-do items and your contacts in Microsoft Dynamics NAV with meetings, tasks, and contacts in Outlook. Create, update, cancel, and delete in one program and, at a specific time, synchronize from within Outlook. You can also customize synchronization by adding fields or adding new entities to be synchronized.

SERVICE MANAGEMENT

5911 Service Order Management

Register your after-sales issues including service requests, services due, service orders, and repair requests. Service requests can be initiated by the customer or created automatically according to the terms in your service agreement. Data can be entered in the service orders by a call center employee or by your repair shop. You can also use this granule to register ad hoc or one-off service orders. Register and manage equipment loaned to customers. Get a complete history of your service orders and service order quotes through the Service Order Log.

5912 Service Price Management

Set up, maintain, and monitor your service prices. Set up price groups based on different criteria—such as the service item (or several item groups), the service task involved, or the type of fault—for a limited period of time, or for a specific customer or currency. Define price calculation structures that include all parameters involved in providing service—for example, the parts used, the different work types, and the service charges. The system automatically assigns the correct price structure to the service orders that match the service price group criteria. You can also assign fixed prices, minimum prices, or maximum prices to service price groups and view statistics about the profitability of each service price group.

Key =BE =AM =BE+ =AM+ =BE/AM+

5921 Service Item Management

Record and keep track of all your service items, including contract information, component management, and BOM reference and warranty information. Use the Trendscape Analysis feature to view key performance indicators on the service item in a given time frame.

5931 Service Contract Management

Set up an agreement with the customer concerning the service level to be delivered. With this granule, you can:

- Maintain information on contract history, contract renewal, and contract templates.
- Manage warranty details on service items and spare parts.
- Record details on service levels, response times, and discount levels, as well as on the service history of each contract, including used service items and parts and labor hours.
- Measure contract profitability.
- Generate contract quotes.

It is recommended that you also use the Service Order Management and Service Item Management granules.

5941 Planning and Dispatching

Assign personnel to work orders. Log details such as work order handling and work order status. For dispatching, manage service personnel and field technician information and filter according to availability, skills, and stock items. Gain an overview of service task prioritization, service loads, and task escalations.

330 BRL Service Management Package

This provides all the Microsoft Dynamics NAV Service Management granules in one package at a very attractive price for easy configuration with new Business Ready Licensing packages only. It includes Service Order Management, Service Price Management, Service Item Management, Service Contract Management, and Planning and Dispatching.

Human Resources Management (HRM)

5760 Basic Human Resources

Efficiently manage your company's human resources. Group and track relevant employee information and organize employee data according to different types of information, such as experience, skills, education, training, and union membership. Store personal information, track job openings in your organization, and extract a list of candidates for these positions. Keep track of benefits and company items such as keys, credit cards, computers, and cars. Easily record all types of absences in units of measure that you define, and attach alternative addresses and relatives' names to employees.

Workspace Collaboration

EMPLOYEE PORTAL USERS—PARTIAL ACCESS NAMED (MINIMUM 10 USERS)

2410 Employee Portal User (1)

Employee Portal integrates Microsoft Dynamics NAV with Microsoft Windows® SharePoint® and Microsoft Office SharePoint Server 2007. Using a well-known Web platform, people use the portal to access Microsoft Dynamics NAV data for basic tasks (such as view, create, update, and delete data) in an easy-to-use, well-known environment. They can view reports, execute business logic, and perform searches directly from within Windows SharePoint Services. The solution has similar functionality to the discontinued Microsoft Business Solutions–Navision User Portal.

Microsoft Dynamics NAV Employee Portal includes three generic Web parts which can be configured to display data directly from Microsoft Dynamics NAV:

- The List Web part displays data in list format and is ideal for displaying a list of customers, vendors, or orders.
- The Card Web part can display a more detailed view—for example, a customer card.
- The Header/line Web part displays information like an order.

Employee Portal Users are sold on a per-named-user basis, meaning that each employee accessing Microsoft Dynamics NAV through the Employee Portal must purchase a license. Use Employee Portal User for additional purchases and upgrades only, because a minimum of 10 users is required. For performance reasons, an additional Application Server is recommended to be used in conjunction with Employee Portal.

2420 Employee Portal Users (10)

This provides access to 10 additional Employee Portal Users. Employee Portal Users are sold on a per-named-user basis, meaning that each employee accessing Microsoft Dynamics NAV through the Employee Portal must purchase a license. New licenses require a minimum of 10 users. For performance reasons, an additional Application Server is recommended to be used in conjunction with Employee Portal.

2430 Employee Portal Users (25)

This provides access to 25 additional Employee Portal Users. Employee Portal Users are sold on a per-named-user basis, meaning that each employee accessing Microsoft Dynamics NAV through the Employee Portal must purchase a license. New licenses require a minimum of 10 users. For performance reasons, an additional Application Server is recommended to be used in conjunction with Employee Portal.

2440 Employee Portal Users (100)

This provides access to 100 additional Employee Portal Users. Employee Portal Users are sold on a per-named-user basis meaning that each employee accessing Microsoft Dynamics NAV through the Employee Portal must purchase a license. New licenses require a minimum of 10 users. For performance reasons, an additional Application Server is recommended to be used in conjunction with Employee Portal.

Languages

4020 Multiple Document Languages

Set up alternative descriptions of your inventory items and print reports in multiple languages (for example, you can make invoices in the receiver's language). Descriptions can be linked to individual customers, which is especially useful for sales to foreign countries. It can, however, be useful to customize the item descriptions even for domestic customers. The alternative item descriptions are automatically selected. To use the multiple language features, the texts for the alternative languages must be inserted in the relevant application objects.

4801–4999 Multiple Languages (Each)

Switch languages on the client in real time, provided that the language is available in the program. The language module can be used to run multilanguage functionality.

IMPORTANT: Users can use this language module only if the personal license file contains the language granule for the specific language. Each language granule covers the functionality for only one specific language. For example, the Danish language module contains all Danish strings for Danish functionality. It does not contain Danish strings for French or other language functionality. For more information, go to **https://mbs.microsoft.com/partnersource/downloads/releases/languagemodulesformicrosoftdynamicsnav50.htm?printpage=false**.

Languages Available in Microsoft Dynamics NAV

These languages are available as a la carte granules for Business Essentials and Advanced Management customers. Consult the latest price list for details and availability.

Language	Version
Afrikaans	
Albanian	
Arabic	Algeria, Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Morocco, Oman, Qatar, Saudi Arabia, Syria, Tunisia, U.A.E., Yemen
Armenian	
Azeri	Cyrillic, Latin
Basque	
Belarusian	
Bulgarian	
Catalan	
Chinese	Hong Kong, Macau, Singapore, Taiwan
Croatian	
Czech	
Danish	
Dutch	Belgium, Standard
English	Australia, Belize, Canada, Caribbean, Ireland, Jamaica, New Zealand, Philippines, South Africa, Trinidad, United Kingdom, United States, Zimbabwe
Estonian	
Faeroese	
Farsi	
Finnish	
French	Belgium, Canada, Luxembourg, Monaco, Standard, Switzerland
German	Austria, Liechtenstein, Luxembourg, Standard, Switzerland
Greek	
Hebrew	
Hindi	
Hungarian	
Icelandic	
Indonesian	
Italian	Standard, Switzerland
Japanese	
Kazakh	
Konkani	
Korean	
Latvian	
Lithuanian	

Malay	Brunei Darussalam, Malaysia
Marathi	
Norwegian	Bokmal, Nynorsk
Polish	
Portuguese	Brazilian, Standard
Romanian	
Russian	
Sanskrit	
Serbian	Cyrillic, Latin
Slovak	
Slovenian	
Spanish	Argentina, Bolivia, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Modern Sort, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Traditional Sort, Uruguay, Venezuela
Swahili	
Swedish	Finland, Standard
Tamil	
Tatar	
Thai	
Turkish	
Ukrainian	
Urdu	
Uzbek	Latin, Cyrillic
Vietnamese	

Configuration and Development

7110 Report and Dataport Designer

Change existing reports and dataports and create 100 new report objects and 100 new dataport objects (numbered from 50,000 to 50,099). This granule provides access to C/AL (the C/SIDE® application language) from reports and dataports used for defining special calculations and business rules. Create new reports from scratch or copy an existing report to use as a starting point. Every report in Microsoft Dynamics NAV is created using this tool and can therefore be easily customized. This granule enables you to take advantage of the functionality included for developers in the Navigation Pane Designer (for example, creating new menu items).

7120 Form Designer

Change existing forms (windows displayed on the screen for data entry and inquiry) and create 100 new form objects (numbered from 50,000 to 50,099). Match the data entry screens with input data forms or create custom screens by user for field-level security. For example, you can change the Sales Order form to look like the order pads used in the field. Or you can create a Customer Card form for staff members who do not have access to the Credit Limit and Blocked fields. This granule does not include access to C/AL from forms, but it does enable you to take advantage of the functionality included for developers in the Navigation Pane Designer (for example, creating new menu items).

7130 Table Designer*

Change existing table definitions and create 10 new tables (numbered from 50,000 to 50,009). You can change properties on fields, such as the field name, decimal places, and maximum value, add new fields to existing tables, and create new tables to store data specific to your business. Create keys for sorting information and change or create new FlowFields and FlowFilters for "slicing and dicing" information in new ways. This granule does not include access to C/AL from tables.

* Included in Advanced Management; available to Business Essentials customers a la carte.

7140 XMLport Designer

Create new or change existing XMLport objects. XMLport Designer provides access to C/AL (the C/SIDE application language) from XMLports used for defining special calculations and business rules. Every XMLport object in Microsoft Dynamics NAV is created using this tool and can therefore be easily customized. This granule enables you to create 100 new XMLport objects (numbered from 50,000 to 50,099) and to take advantage of the functionality included for developers in the Navigation Pane Designer (for example, creating new menu items).

7200 Application Builder

Change the business rules and special calculations that work behind the scenes. Business rules

Key	=BE	=AM	=BE+	=AM+	=BE/AM+

and special calculations are defined in C/AL (the C/SIDE application language). Although this granule includes access to C/AL, it does not permit access to existing C/AL code that updates write-protected tables (for example, postings). With Application Builder, you can create entirely new areas of functionality for your application, enabling you to tailor Microsoft Dynamics NAV to fit your entire organization. It also enables you to create 100 codeunit objects (numbered from 50,000 to 50,099). You can also take advantage of the functionality included for developers in the Navigation Pane Designer (for example, creating new menu items).

7300 Solution Developer

Change the business rules and special calculations that work behind the scenes. Business rules and special calculations are defined in C/AL (the C/SIDE application language). This granule provides access to code that updates write-protected tables to the Merge and Upgrade Tools. You can also:

- Change or create any object type.
- Use the menu options Translate/Export and Translate/Import in the Object Designer. (These options are not available with the Application Builder granule.)

99003640 Developer’s Toolkit—Source Analyzer

The Developer’s Toolkit is a collection of tools that reduce the time needed to get into the structure of a Microsoft Dynamics NAV database that is defined by the objects and their properties. The Source Analyzer granule is a graphical cross-reference tool that provides you with a collection of tools to view and analyze object data from a Microsoft Dynamics NAV database.

99003650 Developer’s Toolkit—Compare & Merge

The Developer’s Toolkit is a collection of tools that reduce the time needed to get into the structure of a Microsoft Dynamics NAV database that is defined by the objects and their properties. This granule gives you access to the Compare and Merge functionality of Developer’s Toolkit. The Compare & Merge Tool is a utility designed to help partners and customers to document, compare, upgrade, and maintain modified customer solutions. It can also be used for implementing or upgrading add-on solutions in a modified customer version.

Application Objects

7730 Tables (Each)
Tables are the basis of the data structure and are used to set up and define the fields that are used in the application. Applications consist of 5 types of objects. You can acquire additional objects and create new functions when need for them arises. Application objects are stored in the database, so when you import new objects, they are incorporated into the solution right away. Tables are the basis of the data structure and are used to set up and define the fields that are used in the application.

8200 Tables (10)
License in groups of 10.

7800 Forms (Each)
Forms are used to display fields and data in windows.

8300 Forms (100)
License in groups of 100.

7900 Reports (Each)
Reports are used for all types of internal and external reporting.

8400 Reports (100)
License in groups of 100.

8000 Dataports (Each)
Dataports are used to define importing and exporting of data.

8500 Dataports (100)
License in groups of 100.

8100 Codeunits (Each)
Codeunits are used to code new functions in the application.

8600 Codeunits *(100)
Additional groups of 100 are available a la carte.

* One instance included in the Foundation pack.

8700 XMLports (Each) (version 4.0 or later only)
You can acquire additional XMLport objects and create functions when the need for them arises.

8750 XMLports (100) (version 4.0 or later only)
Acquire additional XMLport objects and create functions when the need for them arises. This granule enables you to create 100 XMLport objects.

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Other

1150 Subsidiary (Unlimited)

For BRL licenses the Software License Terms (SLT) permit qualified affiliates of the licensing company to grant systems access to employees of those affiliates, making subsidiary licensing redundant. Please refer to the SLT for full details.

1700 C/ODBC

Enables you to continue to work on Microsoft Dynamics NAV data in other programs that support ODBC—for example, Word, Excel, and Lotus 1-2-3. For each instance of C/ODBC use, one additional session is required.

1750 C/OCX

Enables you to use C/SIDE as an automation controller, and to use OCXs (Custom Controls). The automation controller functionality enables you to control an application that is an automation server (for example, Excel or Word) from C/AL. In this way, you can:

- Use Excel as a function library, or transfer data from C/SIDE to Excel and generate a graph based on this data.
- Create a form letter in Word directly from C/SIDE.
- Integrate Outlook (for example, create an Outlook contact directly from a customer record).

C/OCX also supports non-visual OCXs. An OCX is a COM object that executes in process (that is, it is not a stand-alone program). An OCX could contain, for example, a mathematical function library or an interface to an external device. You can buy third-party controls or develop your own in Microsoft Visual C++® or Visual Basic®. This granule is not required to run objects that use OCX or Automation variables. This granule enables you to:

- Create OCX and Automation variables in any object containing C/AL code.
- Import objects in text format that contain OCX and Automation variables.

1800 C/FRONT

Use the C programming language to make an external program function as a client of a Microsoft Dynamics NAV database. C/FRONT is a programming interface for the Microsoft Dynamics NAV database. C/FRONT enables you to integrate Microsoft Dynamics NAV with an electronic mail system. This granule can also be used with specific solutions developed for Microsoft Dynamics NAV. For each instance of C/FRONT use, one additional session is required.

2000 Client Monitor

Register all communication between a client and a server in terms of the communication between the client using the tool and the server. (Note: This does not monitor everything happening on the server itself.) Client Monitor can be used by C/AL programmers and/or the system manager to analyze communication because all database calls are saved with detailed information. Useful for performance tuning.

2020 Per Database License (SQL Server)

Per Database License is required when you want to run several databases on the same instance of SQL Server. Each database uses its own license file. In order to have more than one database using different license files, those license files must contain this granule. Without it, all databases on the server that do not use their own license files use one common license file.

3760 Multiple Currencies

Manage multiple currencies throughout the system, including payables and receivables, general ledger reports, resource and inventory items, and bank accounts (when integrated with the Cash Management granules). With Multiple Currencies, you can:

- Enter exchange rates and convert currency in full compliance with euro legislation (including "triangulation") in the European Monetary Union (EMU) countries. Triangulation is the required method of currency conversion during the transitional period of the euro.
- Perform currency conversion according to exchange rates that are stored and maintained in the exchange rate table.
- Set up a currency in the exchange rate table and specify the format so that amounts will always be shown in the correct format on all forms and reports throughout the system.
- Enter exchange rates for a date or for a period in the exchange rate table.
- Calculate the exchange rate associated with the date on the transaction for each conversion of a currency amount to a local amount.
- Save historical exchange rates in the exchange rate table to keep track of fluctuations over a period of time.
- Transact business in any number of currencies for any customer and vendor. For example, companies can issue an invoice in one currency and accept payment for that invoice in a different currency.
- Manage currency conversion dynamically and help ensure efficient processing of exchange rate updates.
- Store details of transactions involving receivables and payables in local and foreign currencies so that aging and reports for receivables and payables can be printed in local or foreign currency.

- Use the Exchange Rate Adjustment option to adjust receivables and payables and post unrealized gains/losses to the general ledger. At payment, gains/losses are realized, and corresponding postings are made in the general ledger. If you use an additional reporting currency in the general ledger, the Exchange Rate Adjustment option also adjusts the general ledger according to your setup for each general ledger account.

3790 Intrastat

Automatically retrieve the necessary data to report Intrastat information to statistics authorities. Local customs authorities can inform you whether your company is obligated to file such a report.

3800 Extended Text

Set up an unlimited number of lines to describe inventory items, resources, and general ledger accounts. You can set up extended text so that an additional description is copied automatically onto sales or purchase documents when lines are entered. The description can also be made date-sensitive to allow for special messages for a specific period—for example, to communicate certain promotional offerings or certain warranty conditions. You can also specify extended text for various languages.

3810 Job Queue

Automate service or schedule tasks. For example, you can automatically generate service contract renewals or service contract invoices. You can set up the program to automatically check whether there are any batches to be processed on a specific date.

4760 Basic Dimensions

Add two additional dimensions to the general ledger and to any of the other ledgers in Microsoft Dynamics NAV for greater flexibility when working with analytical tools. You can give the two dimensions the names most appropriate for your business and assign dimension codes to each transaction that involves a general ledger account, customer, vendor, fixed asset, resource, job, or inventory item. In addition, you can define default dimension values and rules for the default values for all account types (general ledger, customer, vendor, item, and so on) to help you easily add dimensions to all transactions. This granule can be used in companies that, for example, have several projects, regions, or profit centers. You can also use it to:

- Closely analyze projects in companies that work with projects across departments and functions.
- Generate a statement of operations for a company car account, where the individual automobiles are set up as projects.
- Establish a single account for all company cars, even though a detailed statement-per-car is called for.
- Print a balance for a given department or project or for combinations of the two.

4780 Advanced Dimensions

Advanced Dimensions provides unlimited dimensions for use in transactions in all ledgers. You can name all the dimensions as most appropriate for your business. In addition to an unlimited number of dimensions, this granule includes advanced dimensions functionality that enables you to set up rules for how to combine dimensions and dimension values. This helps you control the use of dimensions and increases the reliability of output based on dimensions. You can also:

- Set up rules for prioritization of default values and define dimension rules to fit your specific business.
- Set up and use analysis views to analyze general ledger transactions per dimension and combine dimensions as you want.
- Include budget information in analysis views, which is an advanced way of analyzing data using dimensions.
- Combine analysis of dimensions with the use of account schedules.

4770 Reason Codes

Define a set of reason codes that can be assigned to individual transactions throughout the system. This provides additional user-defined audit trails that complement the information already provided by system-assigned audit trails and posting descriptions. Define reason codes on journals as well as on sales and purchase headers. For example, use reason codes to mark all ledger entries made in connection with the closing of the fiscal year.

99008510 Commerce Gateway

Add setup and management functionality for Commerce Gateway to Microsoft Dynamics NAV. Commerce Gateway includes setup of customers, vendors, and other partners (setup consists of the partners you will exchange documents with, and the documents themselves). This granule gives you access to 20 partners. A partner can be a customer, vendor, or a marketplace. Partners that are both a customer and a vendor count as only one partner. The granule includes 16 different XML schemas: Sales: Request for Quote, Quote, Order, Confirmation, Delivery Note, Invoice, Credit Memo; Purchase: Request for Quote, Quote, Order, Confirmation, Receipt Note, Invoice, Credit Memo; Inventory: Product Catalog (both import and export).

99008520 Commerce Gateway Unlimited

Gain access to an unlimited number of partners.

7010 Business Notification

Automatically send notifications and alerts based on business rules and determined by business needs both internally in the company and externally to business partners. Notifications and alerts are sent via e-mail and are based on business rules, determined by your business needs, and set up within your Microsoft Dynamics NAV solution.

7011 Business Notification Worksheet

Run events in periodic batches. Includes six out-of-the-box event templates that cover and solve common supply chain problems: Purchase Order—Ensure delivery of goods; Purchase Order—Vendor confirmation not received; Purchase Order—Goods not received from vendor; Production Order—Production delayed; Inventory—Item quantity status; Production BOM; and Production BOM V—Items updated.

Local Granules

Local Granules

Microsoft Dynamics NAV provides numerous granules that support local business processes and practices. They are available as Additional Components (a la carte granules) for Business Essentials and Advanced Management customers. Consult the latest price list for details and availability for the particular licensing package.

Local Granules Available with Microsoft Dynamics NAV 5.0

(Certain regions only)

Granule Number	Local Granule
10010	North American Sales Tax
10060	Electronic Payments (ACH)
10510	BACS Payment
10630	Norwegian Local Granule Package
10720	Spanish Local Granule Package
10820	Payment
11210	Banking
11360	Belgian Local Granule Package
11538	Swiss Module EBPP Interface
11540	Swiss Module ESR (Version 4.00 SP2 or later)
11541	Swiss Module Foreign Currency GL (Version 4.00 SP2 or later)
11542	Swiss Module Payroll, incl. Payroll/DTA (Version 4.00 SP2 or later)
11543	Swiss Module Working Hours Management (Version 4.00 SP2 or later)
11544	Swiss Module Source Income Tax (Version 4.00 SP2 or later)
11545	Swiss Module DTA (Version 4.00 SP2 or later)
11548	Swiss Module Quote Management (Version 4.00 SP2 or later)
11549	Swiss Module Backlog Management Purchase (Version 4.00 SP2 or later)
11550	Swiss Module Backlog Management Sales (Version 4.00 SP2 or later)
11551	Swiss Module LSV (Version 4.00 SP2 or later)
11606	Australia Address Barcoding
12110	Bills Management

12150	Subcontracting (Version 3.70 or later)
12220	Address Validation
13430	Finnish Local Granule Package
14710	Personnel
14810	Payroll
16310	Letter of Credit
16320	Multilevel Authorization & Workflow
16330	Advanced Production Subcontracting
16710	Basic Analytical Ledger
16720	Product Costing
17010	Basic Checks & Promissory Notes
17210	Tax Accounting
17310	Tax Deferrals
98010	Microsoft SQL Server 2005 Standard Runtime Edition (English) User
98020	Microsoft SQL Server 2005 Standard Runtime Edition (French) User
98030	Microsoft SQL Server 2005 Standard Runtime Edition (German) User
98040	Microsoft SQL Server 2005 Standard Runtime Edition (Italian) User
98050	Microsoft SQL Server 2005 Standard Runtime Edition (Spanish) User
98060	Microsoft SQL Server 2005 Enterprise Runtime Edition (English) User
98070	Microsoft SQL Server 2005 Enterprise Runtime Edition (French) User
98080	Microsoft SQL Server 2005 Enterprise Runtime Edition (German) User
98090	Microsoft SQL Server 2005 Enterprise Runtime Edition (Italian) User
98100	Microsoft SQL Server 2005 Enterprise Runtime Edition (Spanish) User
5000010	Cost Accounting Packet (Basic, Distribution, Budget)
5000020	Basic Cost Accounting
5000030	Cost Accounting Allocation
5000040	Cost Accounting Budget
5000050	Project Accounting Packet (Basic, Allocation, Budget)
5000060	Basic Project Accounting
5000070	Project Accounting Allocation
5000080	Project Accounting Plan
5000095	Cost Accounting Analysis
5001910	Electronic Payments
5001920	Foreign Payment System
5005150	Payables— Issued Delivery Reminders
5005190	Inventory—Physical Inventory Documents
5005200	Advanced Document Management
11000010	Basic Telebanking
11000020	Telebanking—Import Bank Account Statements

15000030	Remittance—BBS
15000080	OCR Giro—Post Banken
15000090	Salary System integration—Basic
15000100	Salary System integration—1 to 49 employees
15000110	Salary System integration—50 to 199 employees
15000120	Salary System integration—Unlimited number of employees
15000130	Salary System integration— Huldt & Lillevik
15000140	Salary System integration—Hogia WindowsLønn
15000160	Repeating Orders
31000030	Receivables Cartera
31000040	Payables Cartera
34001110	Localization Colombia
34001120	Payroll Colombia
35000020	Brazilian General Functionality, Fiscal Books
35000030	Brazilian Sales Taxes Management
35000040	Brazilian Purchases Taxes Management
35000050	Brazilian Manufacturing Costs

Notes