



## **Microsoft Dynamics AX 2012 R2 New Feature List**

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This document provides a list of features by area that are added in Microsoft Dynamics AX 2012 R2. It includes only brief descriptions. For detailed descriptions of the features, see [New, Changed, and Deprecated Features for Microsoft Dynamics AX 2012](#).

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<b>Functional area</b>	<b>Feature</b>
Accounting framework	Configure a recurring schedule batch job to clear purchase accrual for product receipt source documents
Accounts payable	Adjust taxes on an invoice line
Accounts payable	Integrate a payment calendar to control due dates for payments
Accounts receivable	Record charges on free text invoice lines
Bank, budget, compliance, and fixed assets	Create and approve budget plans
Business intelligence	Enterprise Portal Chart control for visualizing transactional and aggregated business data in Enterprise Portal
Business intelligence	Improvements to key performance indicators (KPIs)
Business intelligence	Support for data partitions in cubes
Business intelligence	Support for data partitions in reports
Business intelligence	Support for Power View
Business intelligence	Support for report servers running in SharePoint integrated mode
Business intelligence	Windows PowerShell commands for deploying cubes
Budget planning	Budget planning added
Budgeting	Create and approve budget plans
Client and server	Enhancements to the Named user license count report (server)
Client and server	Microsoft Dynamics AX 2012 database split into two databases (server)
Data partitioning	Data partitions have been enabled to support data isolation
Enterprise Portal	Enterprise Portal in Microsoft Dynamics AX 2012 R2 supports Microsoft SharePoint 2013 Products and Technologies
General ledger	Configure a recurring schedule batch job to clear purchase accrual for product receipt source documents
General ledger	Expanded default description support
General ledger	Fixed financial dimension values
General ledger	General ledger balances are updated when a process needs balances
General ledger	Interunit accounting
General ledger	Language translations for the main account name and the financial dimension description
General ledger	Legal entities can have more than one consolidation account.
General ledger	New framework for exchange rate import
General ledger	Shared main account lists
General ledger	Tax registration numbers defined at the party address record level
General ledger	Updates are available to General ledger reports
Human resources	Adjust multiple values in the compensation grid simultaneously for fixed compensation plans
Human resources	Copy existing positions, mass update positions, and block position assignments
Human resources	Create a budget for filled or vacant positions
Human resources	Eligibility rules provide greater control and fewer errors when signing workers up for benefits
Human resources	Enhancements to the Benefit setup and Benefits list page
Human resources	HR manager Role Center
Human resources	HR training and development manager Role Center
Human resources	Import worker information

<b>Functional area</b>	<b>Feature</b>
Human resources	Staffing manager Role Center
Human resources	Use an Actions process, with optional workflow, to gather details and easily track history when positions are created or edited
Human resources	Worker education enhancements
Human resources	You can require applicants and employees to pass certain tests to obtain and hold certain positions
Human resources	You can require applicants and employees to take or pass designated screenings
Inventory management	Inventory quantity is calculated automatically for catch weight items
Inventory management	Role center enhancements in the Supply Chain Management area
Inventory management	Update service for shared products
Lean manufacturing	Updated features for lean manufacturing
Microsoft Office Add-ins	Localize data in the Microsoft Office Add-in
Microsoft Office Add-ins	Lock a template created by using the Office Add-in
Microsoft Office Add-ins	Microsoft Office Add-in enhancements
Payroll	Payroll processing has been redesigned to provide a more consistent user interface with simplified setup and data entry.
Process manufacturing production and logistics	Add a batch attribute actual value to a registered inventory batch
Process manufacturing production and logistics	Configure an item to inherit shelf life and batch attributes from intermediate items of the finished goods
Process manufacturing production and logistics	Create an attribute-based pricing formula for a potency item
Process manufacturing production and logistics	Create sequences for production
Process manufacturing production and logistics	Define a formula, and perform batch balancing of a potency item used in production
Process manufacturing production and logistics	Inventory quantity is calculated automatically for catch weight items
Process manufacturing production and logistics	Provides chemical manufacturers with tools that to manage assets, operating costs, and monitor the impact of decisions on orders, production, inventory, and distribution
Procurement and sourcing	Changes to Order management features
Procurement and sourcing	Data partition added for the Order management upgrade
Procurement and sourcing	Enhancements to the new vendor registration process
Procurement and sourcing	Enhancements to the purchase order change management process
Procurement and sourcing	Fulfillment of purchase requisition demand orchestrated by master planning
Procurement and sourcing	Integration of sales agreements and return orders
Procurement and sourcing	Product search on Employee Services site
Procurement and sourcing	Sales auto charges based on tiers and modes of delivery in sales orders
Product information management	Enhanced modeling capabilities in Product configurator
Product information management	Improvements made to the overview of production information, approval and calculation of worker registration on projection jobs, and worker absences
Product information management	Improvements to planning tools
Product information management	The Configuration form in Product configurator is easier to extend
Project accounting	Choose a value model for estimate eliminations

<b>Functional area</b>	<b>Feature</b>
Project accounting	Consumption of project items on product receipt without an item requirement
Project accounting	Enabling intercompany resource scheduling and UX improvements
Project accounting	Enhancements to project invoice proposals and printing project documents
Project accounting	Expanded support for project budget checks when document lines are saved
Project accounting	Improved support for project estimates and revenue recognition
Project accounting	Option to designate a project cost price as an effective labor rate
Project accounting	Reservation of funds in a project contract
Public sector	Budget analysis inquiry (Public sector)
Public sector	Improvements to Public sector Role Centers and Business Intelligence content
Retail	Adding an inquiry form to view transactions for online stores
Retail	Adding the ability to manually enter a coupon code for discount offers
Retail	Additional customer information in Retail POS
Retail	Additional product details are available in Retail POS
Retail	Component names have changed
Retail	Customer orders from online stores
Retail	Customer-facing device support
Retail	E-commerce investments for omni-channel retail: features help you deploy, manage, and customize an online sales channel that is fully integrated with Microsoft Dynamics AX
Retail	Enhanced tracing and diagnostics
Retail	Extending the existing pricing service for point of sale to include the online store
Retail	Fulfill retail online orders in Microsoft Dynamics AX
Retail	Group and apply attributes groups and attributes to products and categories in a catalog
Retail	Improved Retail POS experience
Retail	Inventory management improvements
Retail	Multi-version point of sale (POS) support during upgrade
Retail	Online marketplaces
Retail	Online stores
Retail	POS hardware improvements
Retail	Publish retail product catalogs to create product listings in online channels
Retail	Retail reporting enhancements
Retail	Setup improvements for Retail components
Retail	Support catalog management for the Retail module
Retail	The store locator service was added for retail and online stores
Retail	Time clock
Retail	Upgrade to global store and staff IDs
Retail	View and edit customer information in Retail POS
Sales and marketing	Cases are secured by case category
Sales and marketing	Generate a lead or opportunity record from a campaign or call list target record
Sales and marketing	Update the name of a party from the party record

<b>Functional area</b>	<b>Feature</b>
Sales and marketing	Update, in bulk, the list of party records assigned to an address book
Sales and marketing	Updates to Sales and marketing Role Centers and the reporting information provided
Setup and upgrade	Data partition assignment for companies during upgrade

<b>Country/region</b>	<b>Feature</b>
Belgium	Replace submitted EU sales list reports, VAT declaration reports, and annual list reports for Belgium
Brazil	Brazilian fiscal documents for the direct delivery process
Brazil	Cancel a posted project invoice for Brazil
Brazil	Check payments and Bordero payments for Brazil
Brazil	Complementary invoices
Brazil	Distribute direct and indirect costs among manufactured products for Brazil
Brazil	Enhancements for Brazilian tax calculations
Brazil	Enhancements to free text invoices for Brazil
Brazil	Fiscal document texts
Brazil	Fiscal documents and the fiscal document framework
Brazil	Generate fiscal documents for project sales orders and project item requirements for Brazil on posting of packing slip
Brazil	ICMS tax documents for Brazil
Brazil	Import fiscal documents for Brazil
Brazil	Nota Fiscal Electronica (NF-e) process
Brazil	Project debit notes for Brazil
Brazil	Project management and accounting
Brazil	Purchase posting enhancements for Brazil
Brazil	Transfer items between fiscal establishments
Brazil	Updates to fiscal document types for Brazil
Brazil	Updates to Fiscal operation codes for Brazil
Brazil	Updates to Sales and Purchase Operation types in Brazil
Brazil	Updates to the General ledger for Brazil
Brazil	Uptake of Brazilian localization requirements for retail product management
Brazil	Use fiscal establishments to post sales and purchases for Brazil
Brazil	Use fiscal establishments to post sales and purchases for Brazil
Brazil	Withholding tax for Brazil
China	BOM version comparison for China
China	Changes to bank account reconciliation and the fiscal calendar for China
China	Distribution of subledger lines
China	Enhancements to Chinese vouchers
China	Financial dimension attributes for China
China	Generation of Asian legal reports in Microsoft Excel for China
China	Import bank statements for reconciliation against the statement information stored in Microsoft Dynamics AX
China	Import ZIP/Postal Codes for China

<b>Country/region</b>	<b>Feature</b>
China	Inventory summary reports for China
China	Issue value-added tax (VAT) invoices by using a free text invoice
China	Ledger account tree structure for China
China	Ledger accounts of inventory value by site
China	Maintain China-specific information in legal entities and the chart of accounts
China	Monthly average cost for China
China	Report information for GB/T 24589-2010 in China
China	Tax integration enhancement for China
China	Tax integration for China
China	Updates to the Chinese vouchers
Czech Republic	Additional VAT information can be included on tax transactions
Czech Republic	Cash discounts in the Czech Republic
Czech Republic	Half-yearly depreciation on disposal and sales of fixed assets
Czech Republic	Intracommunity VAT support for the Czech Republic
Eastern Europe	Correction postings now use the storno accounting principle throughout Eastern Europe
Eastern Europe	Create corrected invoices
Eastern Europe	Customer and vendor settlement transactions can now be viewed for specific settlement types
Eastern Europe	Customer invoice numbering in Lithuania and Latvia
Eastern Europe	European Union (EU) sales list reporting for Eastern Europe
Eastern Europe	Exchange rate adjustments for bank account transactions and cash transactions for Eastern European countries
Eastern Europe	Fixed asset counting report
Eastern Europe	Intrastat reporting for Eastern European countries/regions
Eastern Europe	Make payments by using advance holders for Eastern European countries/regions
Eastern Europe	Pre-acquisition handling of fixed assets
Eastern Europe	Reason code support for projects
Eastern Europe	Round fixed asset depreciation amounts for Eastern European countries/regions
Eastern Europe	Tax directive printing on sales invoices.
Eastern Europe	Update to tax reports based on the VAT register date
Germany	Calculating acquisition adjustments
Hungary	Redesign of the exchange rate calculation for bank and cash payments
India	Accounts receivable and accounts payable invoices
India	Assign financial dimensions to entries generated in the Transfer orders form
India	Automatic calculation of Tax Deducted at Source (TDS) when no Permanent account number (PAN) is registered
India	Bill of entry information is evaluated on a line-by-line basis
India	Cancellation of Bill of entry and invoice registration for India
India	Change to the item type for India
India	Changes to number sequences for Indian financial documents and incentive schemes
India	Changes to the electronic file format for TDS and TCS statements
India	Depreciation calculation for India
India	Duties and privileges added for user roles in features for India
India	Enhancements for purchase and sales orders for India

<b>Country/region</b>	<b>Feature</b>
India	EXIM Advance Authorization (AA) incentive scheme
India	EXIM Duty Drawback (DBK) incentive scheme
India	EXIM Duty Free Import Authorization (DFIA) incentive scheme
India	EXIM Export Promotion Capital Goods (EPCG) incentive scheme
India	Expanded tax type support for project transactions, billing processes, and tax settlements
India	Expanded tax type support for service industry transactions
India	Financial dimensions for India
India	Fixed asset transfer for India
India	For India customs duty and Export Import Policy (EXIM), if the charge as expense ratio is used, the related customs duty is charged to the expense account
India	General ledger updates for India
India	Generation of financial statements in Microsoft® Excel for India
India	Global address book for India
India	Implementation of withholding tax calculation cache
India	Improvements to tax registration number assignments
India	Manual adjustment of taxes
India	Open customer invoices and settlement enhancements for India
India	Organizational model enhancements for India
India	Point of taxation
India	Recalculation of indirect taxes triggered by specific conditions
India	Sales and purchase orders enhancements for India
India	SLJL impact on the Indian custom duty functionality
India	SLJL impact on the Indian excise duty functionality
India	Standard Input Output Norms (SION)
India	Tax rate enhancements for India
India	The method of adjusting direct tax entries that are posted to the general ledger has changed. This feature replaces the feature for TDS and TCS adjustment, which is now deprecated.
India	Threshold exceeding error/warning message removed from India direct tax
India	Update tax information in a corrective free text invoice
India	Update to the Upgrade toolkit
India	Updates to general ledger and tax inquiry forms
India	Updates to import orders for India
India	Uptake of the subledger journal and distribution framework with Indian direct tax
India	VAT commodity codes on sales invoices
India	View and modify accounting entries before posting to the general ledger
Italy	Italian black list report updates
Italy	Italian fiscal journal report updates
Italy	Italian sales tax payment report updates
Japan	Cash flow statements for Japan
Japan	Consolidated invoices and letters of credit
Japan	Endorse a bill of exchange
Japan	Financial dimension attributes for Japan



<b>Country/region</b>	<b>Feature</b>
Japan	Generation of financial statements in Microsoft Excel for Japan
Japan	Invoice lines in a consolidated invoice
Japan	Monthly consolidated invoices
Japan	Phonetic field names in the global address book (GAB) for Japan
Japan	UX enhancements
Latvia	Changes to fixed assets can be tracked and viewed
Lithuania	Changes to invoice numbering and packing slip registration
Lithuania	Enter packing slip details for the transfer of fixed assets to a different location
Lithuania	Fixed assets Repair form provides the ability to record repairs made to fixed assets
Mexico	Electronic invoice layout version 2.2 for CFD and version 3.2 for CFDI
Netherlands	SEPA credit transfer payment formats are available
Norway	Make online payments by using Nordea Corporate Netbank
Norway	The EHF format is available for collection letters
Poland	Track Numeru Identyfikacji Podatkowej (NIP) tax identification information
Russia	Accounting and cost calculation of by-products and defective products
Russia	Accounting for working clothes, special rigging, and NVFAs
Russia	Accounts receivable and accounts payable invoices for Russia
Russia	Adding the ability to automatically update factures for sales invoices in Russia
Russia	Adding the ability to set up a default inventory profile for Retail transactions in Russia
Russia	Adjust taxes on an invoice line
Russia	Advance adjustment for advance holders
Russia	Allocate miscellaneous charges
Russia	Allocation of miscellaneous charges
Russia	Amount difference factures
Russia	Bailment process and calculation of storage service amounts
Russia	Bank and address information for payments to foreign bank accounts
Russia	Bonus depreciation for fixed assets after major repairs
Russia	Budget control for advance reports
Russia	Calculation of cost for work in process (WIP) and finished goods
Russia	Calculation of customs payments
Russia	Calculation of depreciation and fixed asset tax registers for vehicles and realty
Russia	Cancel free text invoices without creating corrective invoices
Russia	Changes for calculating amount difference and exchange adjustment for prepayments
Russia	Changes to posting in the dual warehouse layer
Russia	Changes to sales and purchase agreements
Russia	Changes to the company bank account status for the Russian Federation
Russia	Changes to the land tax declaration
Russia	Changes to the property tax declaration
Russia	Changes to the transport tax declaration
Russia	Corrective and revised factures
Russia	Counting list of purchased items in transfer
Russia	Create inventory profiles to determine movement of items and balance turnover

<b>Country/region</b>	<b>Feature</b>
Russia	Credit correction for a vendor invoice and free text invoice source documents
Russia	Data type tax transactions in the Financial reports generator
Russia	Detailed balance turnover report for Russia
Russia	Dimension control for settlements
Russia	Distribution of subledger lines
Russia	Electronic exchange format for client bank payments
Russia	Electronic reporting
Russia	Enhancements to Inventory management process for Russia
Russia	Enhancements to sales and purchase orders and product receipt and packing slip corrections for the Russian Federation
Russia	Exchange adjustment and profit/loss calculation on the Remittance en route account
Russia	Facture report issued by tax agents
Russia	Fixed asset tax calculations and declarations
Russia	Fixed asset transfers for Russia
Russia	Generate and print a transportation invoice and a job ticket based on a bill of lading
Russia	Generate the VAT declaration report in .xls and .xml formats
Russia	Generating the NVFA accounting card (No. MB-2), NVFA statement of disposal (No. MB-4), and NVFA statement of writing-off (No. MB-8) reports
Russia	Global address book (GAB) for Russia
Russia	Import currency exchange rates from the CBRF website
Russia	Include unpaid export factures in Russian sales books
Russia	Inventory adjustments using offset accounts and storno transactions
Russia	Ledger correspondence for Russia
Russia	Multiple worker table numbers for an advance holder
Russia	New requirements for bank payment orders
Russia	Non-linear depreciation
Russia	Non-recoverable VAT amount as part of the budget
Russia	Option to use the transit expense account when posting a purchase invoice
Russia	Payment proposals and settlements for Russia
Russia	Post invoices based on packing slips
Russia	Post storno transactions with inventory cost value adjustments
Russia	Print management for bills of lading
Russia	Process incoming VAT and calculate exchange adjustments
Russia	Receipt deferral transactions and updates to the manual deferral write-off method
Russia	Recover a depreciation bonus for the premature sale of a fixed asset
Russia	Retrieve purchase orders or product receipts in the Update facture form
Russia	Set up and copy financial report layouts by using the Financial reports generator for Russia
Russia	Sort inventory adjustments and inventory settlements by charges code
Russia	Storno transactions in transfer journals
Russia	Storno transactions in transfer orders
Russia	Tax rate enhancements for Russia
Russia	Tax registration numbers are defined in a party record's address records
Russia	TORG-12 and M-15 invoice formats for Russia

<b>Country/region</b>	<b>Feature</b>
Russia	Track inventory balance turnover
Russia	Transfer proprietary rights for goods in transit
Russia	Updates to currency valuation
Russia	Updates to purchase and sales order reports and miscellaneous charges allocation for category-based order lines
Russia	Updates to purchase invoices
Russia	Updates to the write-off time calculation for deferrals
Russia	VAT deduction for deferrals
Russia	VAT for export trade
Russia	Vendor invoices not associated with a purchase order and recurring invoices
Spain	Calculate invoice due dates based on the due date limits, and on the delivery dates of items or services for Spain
Spain	Include cash payments that are received in a fiscal year on the Spanish Declaration 347 report
Spain	Prompt payment