Microsoft Dynamics AX 2012 R3

What's new in CU 11 for Microsoft Dynamics AX 2012 R3

This document describes new or changed functionality, and regulatory updates that were included in cumulative update (CU) 11.

Microsoft

White paper

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What’s new in CU 11 for Microsoft Dynamics AX 2012 R3

This document lists changes to functionality that have been included for Microsoft Dynamics AX 2012 R3 in cumulative update (CU) 11. Most changes were made in the Warehouse management, Transportation management, and Retail areas of the product. In addition, several regulatory features have been included in CU 11. Those features are also listed and briefly described.

Compatibility notice

Compatibility announcements	Notes
Microsoft SQL Server 2016, Standard Edition, Enterprise Edition is supported with AX 2012 R3 CU 11.	Master Data Management (MDM) is currently **not** supported with SQL Server 2016. Customers who use MDM should not upgrade to SQL Server 2016 until Microsoft releases a patch to support MDM.
Microsoft Office 2016 is now supported with AX 2012 R3 CU 11.	

Financial enhancements

The following enhancements were added to Financial functionality.

Description of issue or change request	Description of enhancement
Full voucher details are not displayed when the invoice date is changed on a purchase order.	We have improved the existing process as follows: ● The invoice register posts one voucher number, and the invoice approval/vendor invoices posting posts a second uniquely identified voucher. ● You can view the two vouchers together to ensure auditability. ● You can change the posting date as you want on the invoice approval/vendor invoices document. These two uniquely dated invoices must be able to be viewed together.
The invoice date that is defined in the **Vendor invoice** form in Invoice pool is ignored.	Now, when you post an invoice through Invoice pool, the invoice date that is defined in the **Vendor invoice** form in Invoice pool will not be ignored.
You cannot select only approved transactions to include on the **Aging** report.	You can now select the approved transactions as expected. The hotfix that addresses this issue contains one or more reports. Make sure that you have imported all your modified reports into the Application Object Tree (AOT), and then install the hotfix, and redeploy the reports.

Description of issue or change request	Description of enhancement
For Single Euro Payments Area (SEPA) Direct Debit, you cannot select a company bank account.	Now, when you create the SEPA Direct Debit mandate without changing the default bank account information, you can select the company bank account.
Mass financial period close	The newest functionality lets you view and update all legal entities that use the same fiscal calendars in one view. You no longer have to switch companies multiple times. For more detailed information, see Mass financial period close on the Dynamics AX In-Market Engineering blog.
You cannot enter journals for a different company or legal entity than the one that you are working with, without having to change the company that you are working in.	A field for **Journal legal entity** has been added to the LedgerJournalTable table. You can now create a daily journal from any company, for any company, without changing the company that you are working in. You can access the new functionality by using a new **Global general journals** menu item under **Journals** in General ledger.
The **Trial balance** list page does not show the closing transaction's amount after the fiscal year is closed.	The following changes have been introduced to address this issue: ● The **Closing sheet** field has been renamed **Closing period adjustments**. This change is reflected in other places, such as the Dimension statement and **Trial balance** list page. ● The trial balance contract and processing classes have also been updated so that they treat adjustments separately from transactions and display them in different columns. ● All callers of **LedgerTrialBalanceDP.parmIncludeClosing()** have been changed so that they use the new split parameters in a manner that maintains current functionality.
Fixed dimensions are not applied to source documents during distribution creation.	The changes in the hotfix apply fixed dimensions on accounting distributions, except stocked inventory items.
Fixed dimensions are not applied to source documents when distributions are created.	This issue has been addressed by applying fixed dimensions when default values are entered and then reapplying them whenever a ledger dimension is modified in the **Accounting distributions** form. However, fixed dimensions are not applied to stocked inventory items.

Retail enhancements

The following enhancements were added to Retail functionality.

Description of issue or change request	Description of enhancement
Ability to use a loyalty card in call center transactions	Loyalty cards now can be used for call center sales orders and quotes.
Ability to export/import screen layouts [MPOS/EPOS]	You can export or import Enterprise Point of Sale (EPOS) and Retail Modern Point of Sale (MPOS) screen layouts from Microsoft Dynamics AX.
Ability to use a default start amount for shifts [MPOS/EPOS]	By default, a dialog box can appear that prompts users to enter a starting amount at the start of a new shift. This change is available in both MPOS and EPOS.
Ability to leave the cash drawer t open after closing a shift [EPOS]	This enhancement lets you keep a cash drawer open in all situations. This change is available for both Microsoft Dynamics AX 2012 R2 and AX 2012 R3.
Ability to create customer offline mode [MPOS]	This enhancement lets you create a customer record when the RTS (Real Time Service) is offline.
Ability to create customer order offline mode [MPOS]	This enhancement lets you save customer orders in the Retail transaction tables. Later, the transactions will be moved to Microsoft Dynamics AX (P-Job) and created by using the Synchronize orders feature.
The X report now includes a breakdown of tender types [MPOS].	This enhancement lets users print the tender details on the X report, in a similar manner to how they are printed on the Z report.
Customers who are created in Call center are associated with an address book.	This enhancement lets you choose which customer address book to associate with new customer records that were created in Call center.
Improved performance when the forms for barcodes and labels are opened	Forms for working with barcodes and labels now open faster, because the prices for all items are not recalculated when the form is opened. If you prefer to maintain the existing functionality, where prices are recalculated automatically when the form is opened, you can select the **Create label by product** option.
Improved postal code address validation [MPOS]	Some parts of address are validated automatically, based on the headquarters address that is entered in the **MPOS parameters** form. This enhancement provides validation for the city, district, and postal code.

Description of issue or change request	Description of enhancement
Payment journals for customer order prepayments respect sales tax settings.	The sales tax group from the customer order is now used to populate the prepayment journal voucher when the **Sales tax on prepayment journal voucher** parameter is enabled in the **Accounts receivable parameters** form. Therefore, the voucher will contain tax lines.
Ability to copy/duplicate receipt templates	An option to copy receipt templates has been added. You can use the **Copy** button to create a copy of a selected record.
Channel price priority can be configured higher than the regional price.	You can now y prioritize channel prices higher than regional prices, regardless of which price is higher.
Pricing simulator improvements for catalogs for languages other than United States English	Because of an enhancement to the pricing simulator, all the catalogs that are created for a specific channel are displayed as expected, regardless of the language.
Discounts can be applied to manually overridden prices [EPOS].	You cannot combine discounts with a price override on the same item by selecting the new **Allow discounts to price overrides** parameter.
Improved receipt printout to respect local settings [MPOS]	The formatting for dates, numbers, and currencies is now printed more accurately on receipts.

Warehouse and transportation management enhancements

The following enhancements were added to Warehouse and transportation management functionality.

Description of issue or change request	Description of enhancement
Performance	
Enable multi-threading on wave execution.	Multiple waves can now be processed in parallel for the same warehouse, which enables a single wave to process allocations in parallel to improve performance of wave allocation.
Issues with multithreading, bill of materials (BOM) level calculation, and processing of items that have no demand cause high MRP run times.	Multithreading during the MRP coverage phase and BOM level calculation have been optimized. The ability to filter out items that have on-hand quantity but no demand has been added to Master planning parameters. This filtering reduces the number of planned items and is especially useful when spare parts are stocked.

Description of issue or change request	Description of enhancement
	To enable this functionality, in the **Master planning parameters** form, use the **Performance** and **Automatically filter by items with direct demand** options for the pre-processing and post-processing steps of MRP. The **Automatically filter by items with direct demand** works as follows for the pre-processing and post-processing steps: ● **Pre-processing** – MRP is a multi-step process. Before the actual planning step, which is called *coverage*, MRP completes a data update step. During this step, the MRP tables are populated with the data that will be operated on, in terms of both transactions (such as sales orders, purchase orders, forecasts, and safety stock) and planning parameters. The update step has several of substeps. One of these substeps preprocesses or preselects the items to update. Typically, not all the items that exist in inventory are sold or purchased at a specific time. Therefore, performance can be improved if the system can determine, at the start, whether there has been activity on each item. In this substep, the parameter filters items that have an on-hand quantity but do not have demand. ● **Post-processing** – Before the coverage step can start, there is a pre-coverage step, where items for which **BOM version requirement** is set to **true** must be reprocessed to help guarantee that the items from the required BOM are planned. This step can lead to situations where items that were considered in preprocessing to have both on-hand quantity and demand now have just on-hand quantity, not demand, so that they can be excluded from planning.
Inserting records into InventTransOriginTransfer from the **write TransferRefId** method is slow.	Inserting records into InventTransOriginTransfer from the **write TransferRefId** method is slow because the query plan that was implemented affect the performance of work creation during WHS wave release. The functionality has been improved to help guarantee that the **select** statement is split into two, so that SQL Server can use a better query plan.
Integration between warehouse and production	
Report actual consumption for production on a mobile device.	There is a new mobile device menu item for registering material consumption.

Description of issue or change request	Description of enhancement
Ability to round up work for raw material picking in the unit that the material is picked in	You can now round up work for raw material picking to the nearest unit that the material is picked in. The **Lines** section of the location directive has a new field that you can use to set the round-up criteria. The field is enabled only if the line is restricted by a unit. For more information, see the Microsoft Dynamics AX Manufacturing blog. For example, 510 pounds of a raw material are required in order to produce 4,475 pounds of finished goods. The raw material is stored in the warehouse in 50-pound bags. If the requested quantity of 510 pounds is picked for the order (order picking), the warehouse worker must pick ten 50-pound bags, plus an additional 10 pounds. In some scenarios, the warehouse worker will pick the ten bags and weigh the additional 10 pounds in the warehouse (for example, at a special location where bags are opened). In another typical approach, the material is not weighed at the warehouse location but on the shop floor, near the operation that consumes the material. In this scenario, the warehouse worker will over-pick to the nearest 50-pound bag. In other words, for this example, he or she will pick eleven 50-pound bags.
Ability to mark a production order as ended when you are reporting as finished on a mobile device	You can now report as finished by using **End job** on the hand-held device. When you report a production order as finished by using the **End job** option, the production order status is updated to **Reported as finished**. This status indicates that no more finished goods will be reported, and no more time and material will be consumed by the order. Therefore, any inventory transactions that have remaining quantities for both materials and finished goods will be cleaned up. For more information, see the Microsoft Dynamics AX Manufacturing blog. In previous versions, this capability was available when you reported as finished from the Microsoft Dynamics AX client, but not from mobile devices. However, mobile device users can now mark **End job** from their device. This capability is available for reporting as finished on production orders, and also on batch orders that have co-products and by-products. When you configure the menu item for reporting as finished, you can specify whether the **End job** option should be available to mobile device users.

Description of issue or change request	Description of enhancement
Ability to report items that have an active serial number as finished by using a mobile device	There is a new mobile device menu item for reporting as finished by serial number.
Warehouse operations	
Receive a pallet that has mixed source document line, and register it by using one license plate (LP).	Two new work creation methods for the mobile device have been introduced, so that users can receive multiple times against a single LP. For more information, see the Microsoft Dynamics AX SCM blog. You can now use a mobile device to identify and register items on a pallet before work is created and the pallet is moved from receiving to the next location. To support this functionality, two new work creation methods have been added: Mixed license plate receiving and Mixed license plate receiving and put-away. When a mobile device menu item is set up, and one of the new work creation methods is used, an additional new field becomes available: **Source document line identification method**. The source document line identification methods determine the flow that is presented to the user on the mobile device until a source document line is uniquely identified. Each of the three supported methods corresponds to a flow that is presented to users who work with mobile devices for the work creation methods: Purchase order item receiving, Purchase order line receiving, and Load item receiving. The difference is that users can continue to register on a single LP until all items on that LP are received. To support the new functionality, a new form has been added: **Mixed license plate receiving**. This form contains information about the actual state of an LP, where receiving is done by using one of the work creation methods that are listed.
Locate put-away locations, based on LPs for mixed LP and LP receiving processes.	You can now define whether the search for free locations in the location directives must include all the content on an LP and group the put into one location. When you receive inventory via an advance shipping notice ASN/packing structure that has a mix of item numbers, you cannot control the put-away policy that always makes sure that a complete LP is stored, unless all locations allow for unlimited capacity. In the location directives for purchase orders, you can specify whether the search for free locations must include all the content on

Description of issue or change request	Description of enhancement
	an LP and therefore group the put-away into one location for the mixed LP receiving and LP receiving processes.
Associate LPs with a container type.	New dimensions and logic for container types have been introduced, so that you can associate container types with LPs and create location stocking limits that are based on container types. For more information, see the Microsoft Dynamics AX SCM blog. Support for pallet types and groups for inbound flow in WHS is now included.
New functionality has removed the need for the message that states that the load line is not valid when you try to release a load that is a partial quantity.	You can now add less than the full quantity of an order to a load and release it to the warehouse, without receiving an error message. In previous versions, when you try to release a load that is a partial quantity, you receive the following error message: "The load line is not valid. It cannot be updated."
All first expired, first out (FEFO) batch reservation sales lines that are created have the same item.	In previous versions, if a sales order consists of multiple sales lines for the same item, the automatic reservation during release to the warehouse batch does not consistently apply FEFO logic for batch reservations. The first sales line takes the FEFO batch correctly. However, the next sales line takes the next FEFO batch, even though first FEFO batch still has an available quantity. The changes in the hotfix put every sales line into a single transaction when a sales order that has multiple sales lines is automatically released to the warehouse. These changes will help guarantee that reservation that is based on FEFO logic have no differences between multiple sales lines.
You cannot change the unit of measure of sales picking work.	You can now change the unit of measure during sales order picking, even if quantity confirmation is set up. All units in an item's unit of measure sequence group can be used. It is difficult for a mobile device user to convert between the work quantity and the quantity at a location if the units of measure differ. For example, if there is a work order for one pallet, and there are three cases on the pallet in the work location, it might be impossible for the user to know whether three cases are the equivalent of one pallet. You can now display all units of measure in an item's unit of measure sequence group when quantity confirmation is set up for the pick on a mobile device menu item.

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The **Adjustment in** and **Adjustment out** mobile device menu items now have the option to show or hide inventory status.	A new parameter for displaying inventory status has been added to the Adjustment in and Adjustment out work creation methods. When you process an inventory adjustment, quality departments might not want warehouse personnel to be able to adjust the inventory status. In this case, the **Display inventory status** check box must be added to the **Adjustment In** and **Adjustment Out** work creation menu items. You can now use a new option on the **Adjustment In** and **Adjustment Out** warehouse menu items to restrict the user's ability to change the inventory status.
You must enter the return merchandise authorization (RMA) for every line that is being returned when you process a return through a mobile device.	In previous version, when you process a return through a mobile device, you must unexpectedly enter the RMA for every line of registration. The changes in the hotfix use the same code logic from purchase line receiving. When work is completed, the RMA number is inserted into the pass map. When the step is 0, the initialization status is also inserted into the pass map. These changes help guarantee that the display form keeps the RMA number, so that you don't have to scan it again.
The ability to allow negative physical and financial inventory for specific warehouses is now controlled by the **LogisticsBasic** configuration key.	In previous versions, the ability to control whether a specific warehouse allowed negative physical inventory is tied to the Retail functionality, and the control was located on the **Store** tab. Because of changes in the hotfix, the ability to control whether a specific warehouse allows negative physical inventory is now tied to the **LogisticsBasic** configuration key. Therefore, this functionality is available for all warehouses, not just stores.
Transportation Management System	
Combine sales orders and transfer orders on the same outbound load.	From the Load planning workbench, you can now add transfer orders to an existing load that contains sales orders, or add sales orders to an existing load that contains transfer orders.
Accrual posting of inbound freight charges at the time of product receipt	In the **Miscellaneous charges** form, you can now specify a charge category of **Proportional** for a module vendor. This functionality gives you the flexibility to set up different charge category for each miscellaneous charge in Transportation Management System (TMS).
The printed master bill of lading (BOL) gives summarized information for all attached underlying BOLs.	Currently, when you print the master BOL, the summarized information of all attached underlying BOLs is listed arbitrarily.

Description of issue or change request	Description of enhancement
	A new option in the **TMS parameters** form lets you automatically create a master BOL when there is more than one shipment on a load. A new button that lets you create a master BOL for a selected load from the **BOL** form has also been added.
You can go directly to the BOLs for a load from the Load planning workbench.	A load can contain multiple shipments, and if changes to the BOLs are required, it can be cumbersome to go to a menu in another module to find the correct BOLs for a given load. Additionally, the Load planning workbench lets you enter the actual gross weight for individual load lines, which can cause the BOL to be inaccurate. A button that has been added to the Load planning workbench, **Load details** form, and **Load** list page opens the **BOL** form and filters that form by the shipments that are on the load. Therefore, you can update the BOL more efficiently and accurately.
Ability to add accrued TMS freight charges for a purchase order at the time of product receipt	You might expect to add accrue TMS freight charges for a purchase order at the time of product receipt. A new field is now available on miscellaneous charges that lets you select a category other than **Fixed**.
Until now, it has been mandatory to use different items for the parent and child product. Otherwise, the user receives a warning message from the BOM check that circular reference is not allowed. If this warning is ignored, MRP might fail. This warning was caused by the fact that the level check and the BOM level calculation were done per item.	With KB3089402, you can create one item, and use it as both parent and child in the BOM, as long as at least one product dimension differs. **Required setup** ● **Inventory model:** To ensure correct costing items with BOMs that include variants of the same item, you must use standard cost. ● **BOM check:** The **Circularity check strategy** option must be set to **Optimize for high complexity**. The other option, **Optimize for low complexity**, has not been updated and will detect circularity for item variants that are produced from the same item. **Important implementation note** Make sure that the reqItemLevel table is empty before the first MRP run. Any change, such as creating or modifying an item, will generate entries to the table, and as a result, it will not be empty. The simplest way to do this is to truncate the reqItemLevel table and then run a full MRP (regenerative with no filters). Otherwise, MRP will not generate any planned orders.

Country/region-specific updates that are included in CU 11

The following enhancements and regulatory changes apply to specific countries and regions.

Description of issue or change request	Description of enhancement
Export a range of invoices in the required XML format starting from January 1, 2016, in the Hungarian version of AX 2012 R3, AX 2012 R2, and Microsoft Dynamics AX 2009 SP1.	According to the Hungarian legislation, starting from January 1, 2016, taxable entities are required to provide a range of invoices in XML format. This hotfix introduces functionality that lets you export a range of invoices for a period or an invoice number interval in the required XML format in the Hungarian version of AX 2012 R3, AX 2012 R2, and AX 2009 SP1.
Adjustment facture for prepayment settlement is available for the Russian version of AX 2012 R3 and AX 2009 SP1.	When you identify a not settled advance payment with an invoice posted in closed accounting period, you can settle the old document in the opened period. The system will recalculate the original facture for the invoice, taking into account the rate of prepayment date. The revision facture will be created and reflected in the additional list to the sales or purchases book. Currently, the system creates a correction process where only the delta between the original invoice facture and recalculated facture is reflected in the sales book.
VAT Control Statement 2016 is available for the Czech version of AX 2012 R3, AX 2012 R2, and AX 2009 SP1.	Starting from the year 2016, taxpayers must submit a VAT Control Statement with detailed information about local taxable supplies that they received and provided. The statement must be submitted each month in XML format. The setup of the VAT Control Statement is based on the relationship between the reporting codes and XML attributes. This approach is similar to the setup of the VAT Statement. However, for the VAT Control Statement, reporting codes are assigned to XML attributes, instead of assigning XML attributes to reporting codes. Initial setup (loading) of the schema is predefined in code, such as in the existing **TaxReportXmlCodes_CZ** form. The new form's name is **VATCSReportXmlCodes_CZ**. This design facilitates the reuse of the relationship between XML attributes and reporting codes, without require changes to the existing tax declaration setup. Also, the new stand-alone form and structure do not affect the existing functionality.
Dutch taxonomy version 10.0 is available for the Dutch version of Microsoft Dynamics AX.	The XML Taxonomy schemas were updated for two reports: **VAT (OB) declaration** and **ICP declaration (EU Sales lists)**.

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	There are no substantive (format) changes for these two reports. Only the header and references to Taxonomy schemas are updated in the Dutch version of AX 2012 R3, AX 2012 R2, AX 2012, and AX 2009 SP1.
Brazil/BRA: You receive the following error message when you validate the XML content in the SEFAZ validation website after you apply hotfixes KB3102989 and KB3117101: "Schema XML … The value '51' is not valid according to its datatype 'String' – The Enumeration constraint failed."	When you try to validate the XML content in the SEFAZ validation website after you apply hotfixes KB3102989 and KB3117101, you receive the following error message: "Schema XML … The value '51' is invalid according to its datatype 'String' – The Enumeration constraint failed."
Payment balance (ex-BLWI) is updated to support generic survey types for the Belgian version of AX 2012 R3 and AX 2009 SP1.	This hotfix introduces an enhancement that lets you set up, collect transactions, and generate an XML file for two generic surveys in Belgium Payment balance reporting: ● Turnover survey type (which can be used for a Services and transfers survey, for example) ● Open balance survey type (which can be used for a Goods survey, for example)
Annual report 347 filling in when vendor changes the cash accounting schema to normal VAT in the Spanish version of AX 2012 R3 and AX 2009 SP1	When the supplier (vendor) changes taxation policy from a cash accounting schema to a general one in the Spanish version of AX 2012 R3 and AX 2009SP1, the 347 report for the year must reflect amounts posted under different taxation policies separately.
SEPA and generic ISO 20022 credit transfer for Latvia is available in AX 2012 R3	The SEPA credit transfer export payments are through Application Integration Framework (AIF) that is designed in AX 2012 R3. For more information, see Create a country/region-specific SEPA credit transfer payment file [AX 2012]. To generate the country/region-specific version of the credit transfer file, in the **Payment processing data** form, type **LV** in the **Value** field for Latvia. Use this format to generate SEPA payments (euro payment to a country in the SEPA zone). For more information, see the SEPA CT white paper. For Latvia, the generic ISO 20022 credit transfer payment format is implemented by using the payment format functionality. The new payment format that is available is Generic ISO20022 CredTrans LV. Use this format to generate a SEPA or generic ISO 20022 payment.

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New reduced value-added tax (VAT) rate, and changes to the U30 form in 2016 for the Austrian version of Microsoft Dynamics AX	The Austrian government announced the introduction of a new reduced VAT rate of 13 percent that is effective in 2016. Most goods currently under the reduced VAT rate of 10 percent will increase to the new 13-percent VAT rate. The current standard rate of 20 percent will not change. The VAT declaration form U30 will change accordingly with additional report codes: ● 025 will be replaced by 006. ● 038 will be replaced by 007. ● 008 will be introduced between 073 and 088. The new codes (006 and 007) will behave the same way that the replaced codes (025 and 038) did. Code 008 will behave like the rest of the group (072, 073, and 088).
Property tax calculation changes are available for the Russian version of Microsoft Dynamics AX.	The Russian property tax calculation is changing from January 1, 2016. New federal law 396-FZ from December 29, 2015, changed the rules for property tax calculation when cadastral rules are applied.
SEPA direct debit for the Swiss version of AX 2012 R3 and AX 2012 R2	The SEPA direct debit (DD) export payments are designed in AX 2012 R3 through AIF. For more information, see SEPA direct debit overview [AX 2012]. To generate the country/region-specific version of the direct debit file, in the **Payment processing data** form, in the **Country** field, type **CH** for Switzerland. Use this format to generate SEPA direct debit (euro payment from a country in the SEPA zone). For more information, see the SEPA DD white paper.
Microsoft Dynamics AX 2012 US Payroll Tax Update 2016-R5	This update includes the most recent tax changes for the following and supersedes previously released tax updates. For details, see the release notes for the tax update on Customer Source.
Russia/RUS: Changes in RSV-1 report	Changes to the instructions for the RSV-1 report filling are introduced for the period starting in the first calendar quarter of 2016. ● Several additional calculated contributions to the Pension Fund for the same period will be reported as separate amounts in Section 4, and will not be summarized. ● An insured foreign resident on a temporary visa (refugee) will be considered as temporarily living.

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SEPA Direct Debit for the **Discount** bill of exchange remittance type	A remittance file with a financing request to a bank (remit for discount) contains the identifier **FSDD** in the **MessageIdentification** tag in the XML file.
Brazil/BRA: Updates in NF-e/NFC-e from NT2015-003 version 1.40	This hotfix provides the updates in NF-e/NFC-e from NT2015-003 version 1.40.
Russia/RUS: Reserve of doubtful debts RAS/TAX for IFRS adoption	Within the generic process of IFRS adoption in Russia, the Ministry of Finance order from 24.12.2010 N 186н requires that companies create reserves to cover doubtful debts for general accounting (Russian accounting standards – RAS). Previously, companies might have chosen whether to create such reserves for GA and for TA (Tax accounting) too. Currently, only one type of doubtful debt calculation can be performed in the system. For more information, see [http://base.consultant.ru/cons/cgi/online.cgi?req=doc;base=LAW;n=110985.](http://base.consultant.ru/cons/cgi/online.cgi?req=doc;base=LAW;n=110985)
Denmark/DNK; Austria/AUT: Embedded documents are now included in e-invoices.	Embedded documents must be included in XML files of electronic invoices, according to UBL requirements.
Italy/ITA: Performance issue with invoicing caused by the TaxBookSectionDate table	In the current implementation for Italy, the table's primary key is {TaxBookSection, TransDate}. There is one record for each day. The **OCC** (Optimistic Concurrency Control) property is turned off for this table. When an invoice is posted, the **TaxBookSectionDate.LastRec** field is updated by the invoice number, and this blocks other parallel postings until the transaction ends.
Russia/RUS: Changes in 4-FSS report (2016)	A new format of the 4-FSS report has been introduced starting with the first calendar quarter 2016 reporting period.
Brazil/BRA: SPED Fiscal ICMS/IPI - New layout version 010 – 1.09 is available	This regulatory feature updates the layout version of SPED Fiscal ICMS/IPI to 010 – 1.09. The changes are as follows: ● Record 0000 is updated with the new version 010. ● New record C101 is included in block C100 when fiscal documents model 55 have ICMS DIFAL tax transactions. ● New records K001 and K990 are included as part of the new layout. However, the other related records (child records) are not included, because the requirement was postponed to 2017. This layout does not include the generation of records E300 and their related child records. These records must be generated from the PVA

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	government application by using the **Generate tax assessment** option. After the hotfix has been applied, the SPED Fiscal tax statement configuration must be updated to version 1.09. To make that update, go to **Fiscal books** > **Setup** > **Tax statements parameter**s > **SPED Fiscal** > **Setup parameters** > **Open**, and change the layout version to **1.09**.
Brazil/BRA: Transaction authorization service in EPOS	This hotfix introduces a new service, named Transaction Authorizer, on the EPOS solution, which is available in the Retail software development kit (SDK). Through this new service, you can customize the XML for NF-e and NFC-e before you send it to the Brazilian government web service. In addition, you can customize the XML for SAT before you send it to the SAT hardware. Now, the NF-e server feature also includes a tag that is related to QR Codes.
United States/USA: Payroll tax update 2016-R02 is available.	This hotfix introduces payroll tax update 2016-02 for the U.S. version of AX 2012 R3.
Brazil/BRA: NT 2015-003 version 1.40/1.50 for NF-e is available.	The following new placeholders were created to be used with the new legal text that is required: ● **%DifICMS_vBCUFDest** – The tax base amount that is used for tax type **ICMS-DIF**. This will be the tax base amount when legal text is associated with a fiscal document line. The amount will be the sum of all tax base amounts of the **ICMS-DIF** tax type when the legal text is associated with a fiscal document header. ● **%DifICMS_pICMSUFDest** – The tax value for the recipient federal state. This will be the tax value of the **ICMS-DIF** tax type when the legal text is associated with a fiscal document line. The value will be blank when the legal text is associated with a fiscal document header. ● **%DifICMS_pICMSInter** – The tax value for interstate transaction. This will be the tax value of the **ICMS** tax type when the legal text is associated with a fiscal document line. The value will be blank when the legal text is associated with a fiscal document header. ● **%DifICMS_pICMSInterPart** – The percentage that is defined for the recipient federal state, based on the year of the fiscal document's issued date: ● **2016:** 40.00

Description of issue or change request	Description of enhancement
	• **2017:** 60.00 • **2018:** 80.00 • **2019 (and beyond):** 100.00 • **%DifICMS_vICMSUFDest** – The tax amount for the recipient state. When the legal text is associated with a fiscal document line, the amount will be the percentage of tax amount (**ICMS-DIF** tax type) that is defined for the recipient federal state. When the legal text is associated with a fiscal document header, the amount will be the sum of the percentage of tax amount (**ICMS-DIF** tax type) that is defined for the recipient federal state. • **%DifICMS_vICMSUFRemet** – The tax amount for the issuer state. When the legal text is associated with a fiscal document line, the amount will be the percentage of tax amount (**ICMS-DIF** tax type) that is defined for the issuing federal state. When the legal text is associated with a fiscal document header, the amount will be the sum of the percentage of tax amount (ICMS-DIF tax type) that is defined for the issuing federal state.
Thailand/THA: Enhance Tax branch information on several reports	Enhanced information about tax branches is included on several reports.
Russia/RUS: Changes in the 2-NDFL report	A new format of the 2-NDFL report has been introduced starting in 2016. All companies must use this new format to submit the final 2-NDFL report for 2015.
Russia/RUS: Amendments to the T-13 report (Timesheet)	Several issues affected how some employees' absence information is displayed in the T-13 report.
United States/USA: Ability to generate 1095-B and 1095-C forms for the Affordable Care Act (ACA)	This enhancement lets you generate both the 1095-B and 1095-C forms, and also submit 1095-C forms electronically, including the 1094-C transmittal. In addition, the enhancement adds the missing roles: HcmPayrollAdministrator and HcmPayrollManager.
LT\EE - SEPA and generic ISO 20022 payment formats for euro and non-euro credit transfers initiation	This enhancement lets you initiate euro and non-euro credit transfers in SEPA and the generic ISO 20022 payment format, considering Lithuanian and Estonian country recommendations and the existing localization.
Russia/RUS: A new 6-NDFL report is available.	A new 6-NDFL report has been introduced starting in the first quarter of 2016. The report displays company totals on Personal Income Tax.

Description of issue or change request	Description of enhancement
Brazil/BRA: CF-e SAT in EPOS is available.	The CF-e (Cupom Fiscal Eletrônico) SAT is a new electronic fiscal document model 59 that is required for sales in retail. The CF-e SAT was created to retire the requirement for printing fiscal receipts through fiscal printers, and it is mandatory within the borders of São Paulo state. This feature enables the integration of EPOS with the SAT device for granting the fiscal document authorization, printing the CF-e according to the layouts that are defined by the legislations, and canceling CF-e within the valid period.
Thailand/THA: Realized and unrealized VAT support for projects	For the Thailand localization, the system is not generating the Tax or Commercial invoice appropriately for project invoices, depending on the application of realized or unrealized VAT in AX 2012 R3.
Russia/RUS: Electronic format documents for integration with EGAIS	This hotfix provides the integration between AX 2012 R3 and the EGAIS universal transport module (UTM). For more information, see http://www.consultant.ru/document/cons_doc_LAW_192195/#utm_campaign=fd&utm_source=subscribe&utm_medium=email&utm_content=body
Update form 26 to contain the corporate identification number	The **Depreciable asset tax declaration** form, which is known in Microsoft Dynamics AX as form 26, has been revised to include the corporate identification number. This hotfix updates form 26 to print the corporate identification number in AX 2012 R3. The corporate identification number is retrieved from the first record of the tax registration number where the registration type is marked as primary for the country/region that is attached to the primary address of the legal entity.
SPED ECD - Layout version 4.0 for 2015	The following regulatory feature updates the current SPED ECD statements to include the new layout version 4.0 fiscal year 2015. The treatment of functional currencies was not changed in this enhancement. The new layout includes updates in the following records: ● **Record 0000:** A new layout is available, and field 20 IDENT_MF will be filled with **N**. ● **Record I010:** Layout version code in field COD_VER_LC_4.0. ● **Record I030:** The closing date of the fiscal year. This information will be requested during the generation of SPED ECD.

Description of issue or change request	Description of enhancement
	● **Record J150:** Two new fields (**VL_CTA_ULT_DRE** and **IND_VL_ULT_DRE**) were added to hold the final balance for the previous period and its status (P/N).
MY-CDCR-MISS Imported purchase tax transactions in GAF reporting	In the Malaysian version of AX 2012 R3, the imported purchase tax transactions in GAF reporting is missing. The changes in the hotfix add use tax to the GAF report, and credit and debit notes, to include import purchasing tax into Malaysian GST reports. **Important:** This hotfix contains one or more reports. Make sure that you have imported all of your modified reports into the AOT, and then install the hotfix, and redeploy the reports.
Spain/ESP: Changes in Report 10748 (Prompt Payment Law)	The intention in the current functionality is to change the algorithm that calculates statistical assessment, to comply with the Law on Prompt Payments 3/2004, as modified by Law 15/2010. Formulas and data must be reported per Resolution of January 29, 2016 published 04/02/16 (https://www.boe.es/diario_boe/txt.php?id=BOE-A-2016-1112). The process for calculating statistical figures had been changed according to requirements in Resolution of January 29, 2016 published 04/02/16 (https://www.boe.es/diario_boe/txt.php?id=BOE-A-2016-1112). The report format on paper is modified according to the legislation changes. Two figures have been added: ● Ratio of paid transactions ● Ratio of outstanding paid payment transactions

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