

New, changed, and deprecated features

This document provides a summary of new and changed features that have been implemented in Microsoft Dynamics 'AX 7'. It also includes deprecated feature notices, and lists AX 2012 features that have not been implemented in Dynamics 'AX 7,' but are not deprecated.

White paper

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What's new or changed in Dynamics 'AX 7'

Developer

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Use Microsoft Visual Studio to develop your solutions.	Microsoft MorphX is the main development environment, with some development in Visual Studio.	Visual Studio is the only development environment.	It keeps familiar AX 2012 concepts and seamlessly adapts them to the Visual Studio framework and paradigms. It enables standard interoperability with other .NET languages and projects.
Compile Common Intermediate Language (CIL) for all features.	X++ is compiled to p-code.	The brand new X++ compiler generates CIL for all features. CIL is the same intermediate language that is used by .NET-based languages.	CIL is faster, can efficiently reference classes in managed DLLs, and can run on a large tool base of .NET utilities.
Embed business intelligence (BI) reports and visualizations in the Microsoft Dynamics AX client.	Not available	Create highly-intuitive and fluid visualizations.	It provides decision-making insights based on BI.
Integrate with Microsoft Office.	Not available	New capabilities include the Excel Data Connector app, Workbook Designer page, Export API, and Document management.	You can create productivity solutions for your end users.
Automate build, test, and deployment.	Partially available	Deploy the Developer topology with Developer and Build VM. Auto-configure Build VM to discover, build modules from Visual Studio Online VSO, and run tests. C# and X++ module compilation and references are supported.	It increases developer productivity by reducing cost and effort for testing and validations.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Customize with overlaying and extensions.	Extensions aren't available in AX 2012.	Dynamics 'AX 7' has a new customization model.	You can customize source code and metadata of model elements that are shipped by Microsoft or third-party Microsoft partners.
Evaluate and tune performance by using new tools.	PerfSDK, Data Expansion Toolkit, Trace Parser Web app, and PerfTimer aren't available in AX 2012.	PerfSDK, Data Expansion Toolkit, Trace Parser Web app, and PerfTimer are new.	The software development kit (SDK) lets you test and validate all critical business processes for performance in a single and, if applicable, multi-user test run. The Data Expansion Toolkit lets you properly expand all performance tests that need master and transactional data expanded properly. The Trace Parser lets you validate a single-user performance test or a multi-user run. The PerfTimer lets you see whether any query or any specific method call is causing a performance issue instead of taking a trace and analyzing everything in detail.
Expose updatable view by using OData.	Not available	Dynamics 'AX 7' introduces a public OData service endpoint that enables access to Dynamics 'AX 7' data in a consistent way across a broad range of clients.	Your solutions can interact with RESTful services, share data in a discoverable way, and enable broad integration by using the HTTP stack protocol.

Financial management

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Export account structures to Microsoft Excel.	Not available	You can now select an account structure and export it to Excel.	Many customers have requested the ability to export account structures to Excel for easier filtering.
View ledgers and advanced rule structures that are associated with an account structure on a single page.	The user must navigate to multiple forms to see the ledger and the account structure that are used.	FactBoxes have been added to the account structure page.	It allows for easier access to important information when account structures are defined and edited.
View ledgers that are associated with a chart of accounts on a single page.	The user must navigate to each company and open the ledger form to see the chart of account that is assigned to the ledger.	FactBoxes have been added to the Chart of accounts page.	It allows for easier access to important information when a chart of accounts is defined and assigned.
Export account structures to Microsoft Excel.	Not available	You can now select an account structure and export it to Excel.	Many customers have requested the ability to export account structures to Excel for easier filtering.
View closing sheet adjustments and closing transactions in separate columns on the Trial balance list page.	The user sees both types of transactions in a single column.	An additional parameter has been added to the Trial balance list page.	It allows for more concise analysis of data and is also required for regulatory reporting in some countries/regions.
Filter Management Reporter (Financial reporting in Dynamics 'AX 7') reports based on dimensions, attributes, dates, and scenarios.	All filtering of Management Reporter reports is handled through the design of the report. If a user who has viewing privileges wants to view a report for a different date, for example, a report designer must make the modification.	Report options have been added so that different filters can be applied when a user is viewing a report, and a new report is generated based on those filters.	Consumers of financial reports can apply different filters for dimensions, dates, attributes, and scenarios without requiring updates to report designs.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
View Management Reporter (Financial reporting) reports within the Microsoft Dynamics AX client.	A separate web client was used to view Management Reporter reports.	All financial reports can be accessed in the Dynamics 'AX 7' client. The user selects a report to view, and the report is displayed in the client.	You can now view financial reports without having to access a different client/application.
Analyze financial data by using the "Monitor financial performance" content pack for PowerBI.	Not available	On PowerBI.com, and then select Get Data , select the Dynamics AX – Financial performance content pack. Enter the URL for your Dynamics 'AX 7' endpoint to see your data reflected in the dashboard.	In three to four clicks, organizations can deploy a PowerBI dashboard that contains important financial data. Content can be personalized by the organization.
Monitor budget vs. actuals and create ledger forecasts by using the Ledger budgets and forecasts workspace and additional inquiry forms.	Not available	The workspace can be accessed through the Dynamics 'AX 7' dashboard. It includes links to several new inquiry pages: Actuals vs. budget summary , Budget control statistic summary , Budget register entries , and Budget plans .	New inquiry pages enable easy access to budget information. The workspace combines all budget maintenance and monitoring task in one place that is easy for budget managers or accounting managers to use.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Create layouts for budget plans and forecasts.	The Budget plan document is viewed as a list of lines that have effective dates and amounts for financial dimension combinations. The user must create and use Excel templates to view budget plan data in a pivot table.	An unlimited number of layouts is available for budget plans and forecasts. You can combine selected financial dimensions, user-defined columns, and other row attributes (such as comments, projects, and assets) in the layout. Users can switch the layout for the budget plan document on the fly and edit data by using any selected layout. Budget planning configuration is simplified by eliminating scenario constraints and using layouts to define which data can be viewed and edited in each budget plan document stage.	This feature gives flexibility to create and edit budget plans by using both Excel and the Dynamics 'AX 7' client. Templates for Excel workbooks can be generated by using the Budget plan layout setup.
Print the Vendor Invoice Transactions report by using information from the Detailed Due Day List report, which includes the days past due.	You must print two different reports: Detailed Due Day List and Vendor Invoice Transactions .	The information on the two reports has been consolidated into the Vendor Invoice Transactions report. The Detailed Due Day List report was deprecated.	It eliminates the need to print two separate but related reports.
Manage the Japanese fixed asset accelerated depreciation declaration document.	Not available	Important declaration information is centrally stored in a single document for better maintenance.	Document compliance and ease of management help reduce issues during audits and other reviews.
Generate regulatory reports directly in PDF format.	You must generate a regulatory report in one format first, and then export it to PDF format.	The PDF format is the default format for regulatory reports.	It provides a unified display experience on both the computer monitor and a printed paper copy.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Verify JBA characters on the bank account.	Not available	You can verify that kana name fields contain only the characters that are permitted by the JBA bank format.	It helps reduce interruptions to users during payment file generation because of invalid characters.
Run the settlement process as a batch process.	Not available	On the Sales tax settlement period page, you can specify to run the settlement process in batch mode	For periods that have many tax transactions, the process can be time consuming, and it might be better to run the process in the background as a batch process.

Foundation

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Access the client anytime, anywhere.	The AX 2012 desktop client provides a full set of forms, but is limited to running on Microsoft Windows machines and requires installation. Terminal Server is often used with the desktop client to enable access over a wide area network (WAN). The Enterprise Portal web client provides a reduced set of forms.	The two AX 2012 clients have been replaced by a single, standards-based web client that provides the full set of functionality of the desktop client together with the reach of the Enterprise Portal client.	It prevents development efforts from being split between two UI platforms and eliminates the need for Terminal Server by using standard web interfaces.

Help

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Access guided procedural Help (task guides) and conceptual topics by clicking Help.	The AX 2012 Help system points to HTML topics that are stored on a local web server. Customers and partners can create their own Help.	The Dynamics 'AX 7' Help system displays task guides that are stored in Microsoft Dynamics Lifecycle Services (LCS) Business Process Modeler, and topics from the Microsoft wiki. For more information, see 'AX 7' Help – Getting Started.	This is the first time that we have been able to exercise the Help system for Dynamics 'AX 7.' You can try some of our task guides and create your own. To access the wiki for CTP7, you must sign in by using a shared account.

Human capital management

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Transfer skills and certificates to class participants upon course completion.	This is a manual process.	Upon completion of a course, a new option will be available to update a participant's records with the new skills and certificates.	It provides a new and efficient way to update employee records.
Quickly verify employment.	This is a manual process.	Your HR department can quickly verify employment by using a workspace or the employee page.	Your HR department no longer has to access multiple pages to verify start date, manager, months in position, and compensation data.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Enable employees to view, update, and delete information from the system.	Available, but with limited view and update capabilities	This feature is enabled, and lets employees and contractors view a wide range of personal data. Optionally, a workflow can be used when information is created, updated, or deleted.	It lets employees take control of their information, whether that involves updating address or contact information, applying for a job, taking a questionnaire, or updating their image. When a workflow is enabled, information can be reviewed by an approver or automatically approved, based on your business processes.
Enable managers to view or edit employee information.	Available, but with limited view and update capabilities	Depending on configuration settings and security, managers are empowered to view or edit employee information.	It lets managers access important employee data, so that they can make better decisions about resourcing, performance, and employee development.
Encrypt ID numbers.	Not available	All employee ID (SSN) numbers are encrypted.	Encrypted employee ID numbers are critical to secure data management.
Access compensation processing results.	This is available only at the time of processing.	Compensation processing results can now be accessed at any point after the process has run.	This feature provides an excellent audit of the process and the outcome of the process. It also provides a comprehensive view of the data before employee records are updated.
Access benefit processing results,	This is available only at the time of processing.	Benefits processing results can now be accessed at any point after the process has run.	This feature provides a comprehensive view of the data that is updated by benefit enrollment and cost changes.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
View "Date Effective" timeline changes.	Not available	This comparison tool is available for employees, positions, and jobs. It provides a comprehensive view of changes from one version of a record to another.	This feature saves time when you view changes that have occurred over time to employees, positions, and job records. It lets you quickly compare two versions of a record, or all records, over time.
View employees by company.	This is a manual process that is performed through filtering.	Employee and contractor lists are automatically filtered by the company that you're logged on to.	This feature provides a filtered view of employees that are employed in the logged-on company. For an unfiltered view of all employees and contractors, the worker list is still available. In Dynamics 'AX 7,' the system doesn't change company based on the employee that is selected in the list.
Update the course participants list.	Not available	Course participants can be removed from the participants list.	This feature provides an easy way to update course participants that might have registered by mistake.
Manage compensation events in a group.	Not available	This feature provides a streamlined processing of compensation changes for employees.	This feature provides a simple, streamlined process for updating employee records through the compensation workspace and related pages.

Inventory management

No new features have been added.

Localization

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Configure and generate electronic documents to meet the legal requirements in various countries/regions.</p>	<p>Electronic documents are hard-coded in X++ or as Extensible Stylesheet Language Transformations (XSLTs). Any format adjustments require development efforts. Access to data and formatting aren't isolated. An adjusted format deployment requires a new Microsoft Dynamics AX hotfix package that overrides the existing format. Custom modifications of each format must be manually ported to the source code of a new Microsoft Dynamics AX hotfix package.</p>	<p>Generic Electronic Reporting (GER) is a new tool for configuring and generating electronic documents that target a business user instead of a developer. GER lets you set up domain-specific and Microsoft Dynamics AX database-independent data models as data sources for document formats. The formats can be configured by a business user based on these domain-specific data models (for example, for payments, Intrastat reports, or tax reports). The user configures the formats by using simple visual tools that are similar to Excel. GER currently supports electronic document generation in text, XML, and Excel formats. These documents can be generated simultaneously and packed into zip files. Data models and formats support versioning. Format versions can have effective periods. Each data model or format version is stored in a separate configuration and distributed to partners and customers through LCS. Partners and customers can customize Microsoft data models and formats or create their own. GER saves partner and customer configuration changes as deltas to Microsoft configurations, which simplifies upgrades to new versions of Microsoft configurations. By using LCS, partners can also share their data model and format configurations with other partners and customers, who can customize and share them further. Delta customization and easy upgrade are supported through the whole customization chain.</p>	<p>GER simplifies the creation, maintenance, and upgrade of electronic document formats to meet legal requirements in various countries/regions. GER makes the process of creating or changing electronic document formats faster and easier. These changes can be made by business users instead of developers. GER makes it faster and easier for partners and customers to upgrade their format customizations to new versions of formats that are released by Microsoft or other partners. GER provides one common way (through LCS) for Microsoft and partners to distribute electronic document configurations to other partners and customers. GER also makes it easier for partners and customers to customize, upgrade, and distribute electronic document formats for their specific business requirements.</p>

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
(MEX) Generate Mexican value-added tax (VAT) regulatory reports.	You must generate Sales and Purchases VAT reports by using the unrealized VAT functionality, so that users can identify transactions that belong to the realized and unrealized sections based on the status.	Sales and Purchases VAT reports were modified and now consider the conditional tax feature only by using specific settlement periods for the unrealized and realized sales tax code definition.	Changes in the sales tax code configuration are required to let users generate these reports correctly. A conditional sales tax feature is required, and the user must configure separate settlement periods, unrealized and realized, to identify the transactions in the related section areas.

Manufacturing

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Perform a check of material availability on production orders in a separate page that is called from the Production floor management workspace.	Not available	This feature lets the production supervisor check whether materials for scheduled production orders are available on the required date. In the workspace, the production supervisor is informed how many production orders are in the scheduled state and are pending release. Based on the dynamic master plan, the information about material availability is updated if material requirements are met by on-hand inventory for actual orders, or planned orders. Based on the information about material availability, the supervisor can release the orders on the Material availability page.	During the process of releasing production orders to the shop floor, the feature helps the production supervisor make correct decisions about the allocation of materials to orders.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Start and report progress on production jobs by using the new Job card device page.	The Job registration page is primarily targeted at large terminal screens, and the UI is typically accessed via mouse clicks.	Although the new Job card device page is designed with simplicity, it's also designed for touch. The page fits well on mobile devices, such as tablets and phones. The shop floor worker will find less information overload and more intuitive ease of use. The worker can perform the traditional tasks, such as starting, ending, and reporting progress on a job. Besides working on the actual job, or logging and clocking out, the worker can view attachments, break for lunch, and perform other activities. Jobs will be queued to the worker in a planned sequence, but they can also be picked by the worker. The page is primarily targeted at discrete manufacturing operations, where materials are prepared for production. For scenarios that are related to reporting of co-products and by-products, and materials picking by tracing dimensions, use the Job registration page.	By introducing an alternative UI that is designed for touch and can be accessed from all types of devices, such as terminal screens and mobile devices, this feature will reduce the implementation costs for a traditional rollout of shop floor registrations.

Master planning and forecasting

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Master planning can warn the user if a sales or production order isn't ready for delivery by the scheduled date.	The warnings that are created by master planning are called <i>futures messages</i> . <i>Futures</i> is a contract between two parties to buy or sell an asset for a price that is agreed upon today (the <i>futures price</i>), with delivery and payment occurring at a future point, the <i>delivery date</i> .	<i>Futures messages</i> and <i>futures dates</i> have been renamed <i>calculated delays</i> and <i>delayed dates</i> , respectively.	The terminology that is used in AX 2012 was inaccurate and led to incorrect translations.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Gain quick insight into the status of a master planning run, the urgent planned orders, and the planned orders that cause delays.	The information is available, but it's scattered in multiple forms.	The Master planning workspace offers at-a-glance information about when the last master planning run was completed, whether it had any errors, what the urgent planned orders are, and which planned orders cause delays.	You benefit from the overview that the workspace provides. Relevant information is put together to guide master planning and help improve productivity.
Use Excel to update demand forecasts.	Not available	You can take advantage of seamless integration with Excel when you enter demand forecasts, make updates, and delete demand forecasts.	It helps increase efficiency and productivity.
A set of tools lets you estimate future demand and create demand forecasts based on historical transaction data.	In Microsoft Dynamics AX 2012 R3, the forecast models in Microsoft SQL Server Analysis Service are used to create demand forecast predictions.	Estimate future demand by using the power and extensibility of a Microsoft Azure Machine Learning cloud service. It's easy to use and extend the forecast models in Azure Machine Learning to meet customer requirements. The service performs best-match model selection and offers key performance indicators (KPIs) for calculating forecast accuracy.	Generate more accurate forecasts by using the machine learning techniques.
Optimize the order date and quantity based on a visual overview of related actions from the master planning run.	The overview of action graph is available but shows all the related actions. When actions are applied, they disappear from the view immediately.	The action graph provides a better overview, and has options to show only applied and directly related actions. When actions are applied, they appear dimmed but are still displayed to keep the overview. Additional information is added to the action graph to display the data on one page.	You benefit from productivity improvement, because you focus only on the relevant actions.

Procurement and sourcing

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Use the Purchase order preparation workspace to gain quick insight into the status of purchase orders that are being prepared.</p>	<p>Not supported</p>	<p>The Purchase order preparation workspace provides an overview of orders from the time when they are created as a draft and traced, through workflow approval states, and onward toward confirmation.</p>	<p>Your purchasing department no longer has to seek information from multiple pages but benefit from the overview that the workspace provides.</p>
<p>Use the Purchase order receipt and follow-up workspace to gain quick insight into purchase orders that are pending receipt, to help with follow-up.</p>	<p>Not supported</p>	<p>The Purchase order receipt and follow-up workspace provides an overview of confirmed purchase orders that have pending receipts or shipments. The workspace includes lists of post-due receipts and pending receipts to help with proactive review and follow-up by the supplier. Purchase orders for which arrival registration has occurred in the warehouse are also listed to help ensure that the receipt is posted. Purchase order returns that haven't yet been shipped are also available for review.</p>	<p>Your purchasing department benefits from the overview that the workspace provides. Relevant information is put together to guide follow-up and help improve productivity.</p>

Projects

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Book workers as resources on projects.	Similar to resources, workers are booked directly on projects in addition to resources.	The Work center table where manufacturing and production are stored can now be used to book workers as resources on a project.	When you book projects, you only have to book resources.

Retail sales, marketing, and customer service

Retail HQ

Azure-hosted Retail HQ offers centralized management and complete visibility of all aspects of commerce operations through a web client.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Perform merchandizing operations.	<p>Users must access multiple forms to manage this data:</p> <ul style="list-style-type: none"> • Category management • Product management • Channel product attributes • Assortments • Catalog management • Kits • Prices & discounts 	<p>The Category and product management workspace enables the following functionality:</p> <ul style="list-style-type: none"> • Assortment management • Assortment life cycle • tracking <p>The Prices and discounts workspace enables the following functionality:</p> <ul style="list-style-type: none"> • Price and discount management for a given channel and category • Category price rule management • Price and discount priorities, which let you assign priorities to price groups and discounts to control the order in which they are applied <p>The Catalog management workspace enables the following functionality:</p> <ul style="list-style-type: none"> • Summary of active catalogs • Catalog life cycle tracking in a single location 	<ul style="list-style-type: none"> • Workspaces improve the efficiency and productivity of workers by letting them centrally manage their tasks and actions that are related to the merchandizing role. • The price and discount priorities feature gives customers more control over how prices and discounts are used. The feature also enables new scenarios where higher store prices win over standard prices.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Manage retail channel deployments and operations.	The user must access multiple forms.	<p>The Channel deployment workspace lets you perform the following tasks:</p> <ul style="list-style-type: none"> • Track channel configuration progress. • Take the required steps to complete a task, or provide information to complete the task. • Directly download the Retail Modern POS (MPOS) program installation in stores. • Access all related pages. <p>The Channel operations workspace lets you perform the following tasks:</p> <ul style="list-style-type: none"> • Create post statements for a given channel. • Track shift status for a given store. • Manage worker point of sale (POS) permissions for a given store. • Quickly access all related pages. 	Workspaces improve the efficiency and productivity of workers by letting them centrally manage most of their tasks and actions that are related to channel deployment and operations.
Manage retail IT operations.	The user must access multiple forms.	<p>The IT management workspace enables Commerce Data Exchange (CDX) inquiries in a single place for a given channel, so that you can perform the following tasks:</p> <ul style="list-style-type: none"> • Download sessions. • Upload sessions. • Track failed sessions, and re-initiate or run them again. • View or run upcoming jobs. 	Workspaces improve the efficiency and productivity of workers by letting them centrally manage their tasks and actions that are related to retail IT operations.
Use streamlined configurations and a streamlined UI for retail-specific implementations through Microsoft Dynamics Retail Essentials.	Only Enterprise POS (EPOS) is supported out of the box.	The EPOS client is replaced with MPOS. The eCommerce channel has also been added to Retail Essentials by default.	It enables greater out-of-box channel support. It also provides a streamlined configuration option for retail-specific implementations and customers.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Import/export data by using data entities.	Supported out-of-box Microsoft Dynamics Retail Management System (RMS) migration through the Data Import/Export Framework.	Retail data entities have been expanded to support all master and reference data that is related to retail. There is also enhanced support for data entities across the entire Microsoft Dynamics AX solution.	Data entities lets customers have metadata-driven import and export of data. OData entities also let customers integrate Microsoft Dynamics AX with third-party programs.
Perform intelligent analytics by using BI reports from Dynamics Microsoft AX and the POS client.	More than 25 back-office reports and five channel-side reports are available.	More than 30 back-office reports and 10 channel-side reports are available.	These reports let customers have more BI to predict trends, uncover insights, and operate at continual peak performance.
Configure consumer permissions.	Not available	Customers can choose whether POS operations can be available to consumers. Retail Server uses permissions for application programming interface (API) calls.	It provides the ability to configure consumer-level permissions.
Manage and validate entity configurations.	Not available	The configuration manager and validator feature enables the following functionality: <ul style="list-style-type: none"> • Bulk configuration data upload • Business entity validation 	It provides the ability to bootstrap the configuration, and to validate the status and completeness of the configuration for the various configuration elements.

Retail hardware station

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Enable POS devices to connect to peripherals such as printers, cash drawers, or payment devices.	The MPOS hardware profile is used to specify the devices that are used.	An added hardware profile supports more diverse hardware from one station to the next. A new hardware station profile supports a unique terminal ID for each hardware station when electronic funds transfer (EFT) transactions are processed. EFT support has been merged into hardware station to reduce the involvement of MPOS in EFT payment processing.	It provides greater flexibility for implementations. It also provides enhanced security and reduced exposure to credit card data.

Retail server and data management

Retail server and data management lets consumers and enterprises create an omni-channel shopping experience across online, in-store, and call center channels.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Connect to a Commerce Runtime (CRT) database that stores business data for the channel by using CRT services.	OData V3 is supported.	OData V4 is supported.	It helps the customer stay current with OData standards. It also creates a robust omni-channel experience by integrating sales across in-store, mobile, and online channels.
Support Retail services as a hostable set of services.	The E-commerce API isn't supported through Retail Server.	The E-commerce API is now available through Retail Server to support online scenarios.	It provides hosted and scalable Ecommerce services that can be used with third-party online stores.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Move data between the Microsoft Dynamics AX back office and channels by using Commerce Data Exchange.</p>	<p>Commerce Data Exchange is a system that transfers data between Microsoft Dynamics AX and retail channels, such as online stores or brick-and-mortar stores. For more information, click here.</p>	<p>There is functional parity with Microsoft Dynamics AX 2012 CU8. However, note the following details: Commerce Data Exchange has been reengineered for the cloud. Async service uses direct database access to the channel database. Commerce Data Exchange: Realtime Service is hosted as a Microsoft Dynamics AX custom service. MPOS manages synchronization between offline databases and Retail Server.</p>	<p>Commerce Data Exchange has been re-engineered for the cloud platform. It continues to manage the transfer of data between Microsoft Dynamics AX and retail channels, such as online stores or brick-and-mortar stores.</p>
<p>Support plug and play, semi-integrated cross-channel payment processing by using the payment SDK.</p>	<p>AX 2012 provided the following functionality:</p> <ul style="list-style-type: none"> • Support for all channels: POS, ecommerce, and call center • Support for card present and card not present • Payment accepting page • Peripheral support for LS5300 and MX925 as sample code in the Retail SDK 	<p>Dynamics 'AX 7' supports all existing Microsoft Dynamics AX for Retail 2012 credit/debit card features and four new enhancements.</p>	<p>It lets the customer process credit/debit card transactions for payments.</p>

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Activate devices by using a Microsoft account (Microsoft Azure Active Directory [AAD]).</p>	<p>Not available</p>	<p>The following functionality is provided:</p> <ul style="list-style-type: none"> • Enhanced security by AAD-based activation for the cloud • Enhanced security for token management • Improved reliability, troubleshooting, and error messaging during activation • Simplified IT administration tasks that are related to activation • Revisited threat model and fixed security issues 	<p>It provides the following benefits:</p> <ul style="list-style-type: none"> • Security is enhanced through AAD and device token/ID (RS calls with a token, user-specific app storage) • It stops unauthorized remote use of MPOS (brick device). • It tracks MPOS devices for PCI compliance purposes. • It maps physical devices with a business entity (Register) by using a device token. • It initializes settings for smooth MPOS functionality (number sequences and hardware profiles) as the first touch point of MPOS. • It reports device information from headquarters.

DRAFT

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Manage rich media content for authoring and serving through Media Gallery.</p>	<p>Not available</p>	<ul style="list-style-type: none"> • Support image upload, and also view, manage, and delete, from Media Gallery for both externally hosted and Retail-hosted images. • Support image upload and view from entity pages (Products, Catalogs, and so on) by linking an image from the gallery and uploading an image from the desktop. • Optimize the images for thumbnail, custom size, and original. • Bulk link entities by using a template and background jobs for bulk association. • Excel integration overwrites the attribute group limitation of naming conventions and predefined paths. • Support offline images and secure images for personally identifiable information (PII) content, such as Retail-hosted employee and customer images 	<ul style="list-style-type: none"> • It addresses pain points around externally hosted images, so that you can avoid going back and forth, managing in a single place. • It provides powerful content management through Media Gallery for uploaded and externally hosted images, and filtering to find images. • It lets you easily create bulk associations between externally hosted images and entities such as products and catalogs. • It supports Retail-hosted storage for images, and Excel integration for easy updates.

Rich clientele experience

Retail offers immersive mobile experiences anywhere, any time, and on any device. This enables enhanced shopping and store experiences across all channels.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Search, browse, look up, or scan products, add products to a cart, accept payment, and check out by using an intuitive, touch-friendly, rich and immersive user experience on MPOS.</p>	<p>AX 2012 enables the following features:</p> <ul style="list-style-type: none"> • Perform sales, returns, and voids. • Create, modify, and pick up customer orders. • Perform shift and drawer operations. • Pick and receive orders, and perform stock counts. • View in-store reports. 	<p>Functional parity with AX 2012 MPOS is provided. This includes the following functionality:</p> <ul style="list-style-type: none"> • Customer lookup across stores/channels • The ability to create customer orders without accessing Real-time Service • Improved device activation workflows, status, and error messages • Extensibility improvements, such as pre-post triggers and activity support to improve customization. 	<p>Sales staff can process sales transactions and customer orders, and perform daily operations and inventory management, by using mobile devices anywhere in the store.</p>
<p>Start POS as a web app via Cloud POS.</p>	<p>Not available</p>	<p>Functional parity with MPOS is provided. This includes the following functionality:</p> <ul style="list-style-type: none"> • Device activation by using AAD • Responsive layout design • Support for Internet Explorer and Edge browsers 	<p>It provides a web app POS that has functionality that is compatible with MPOS, and that can be used across platforms and browsers at no deployment cost.</p>

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Integrate with content management systems to create an omni-channel ecommerce website.	Microsoft SharePoint and third-party storefronts are supported.	<p>An e-commerce platform is provided to support third-party storefronts. The platform includes the following features:</p> <ul style="list-style-type: none"> • A rich consumer API • Authentication integration to any third-party open ID providers • Payment integration 	Customers now have the flexibility to use the content management system of their choice.
Target customers via mail order catalogs, and streamline operations through fast order entry, assisted sales, and fulfillment by using Call Center.	<ul style="list-style-type: none"> • Call Center channel • Mail order catalogs • Fast order entry and assisted sale • Enhanced order fulfillment • Customer service • Integrated pricing and promotions/discounts 	Feature parity with the AX 2012 Call Center solution is available, with the exception of price overrides.	Call centers are a type of retail channel that lets workers take orders from customers over the phone and create sales orders.

Life cycle management

LCS provides a set of services that customers and partners can use to manage the life cycle of the system from signup to daily operations.

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Manage the program via cloud deployment services.</p>	<p>Not available</p>	<p>The following topologies can be deployed to the cloud:</p> <ul style="list-style-type: none"> • Retail 1-box trial topology • Retail multi-box high availability topology • Developer topology with the Retail SDK <p>There is an improved "low-touch" client component installation via self-service installation:</p> <ul style="list-style-type: none"> • Retail Modern POS • Retail Hardware Station • Support for the upload and distribution of customized packages through self-service installation 	<p>The cloud deployment services provide the following benefits:</p> <ul style="list-style-type: none"> • Significantly reduced deployment effort and complexity for Retail HQ components • Native deployment to the Microsoft Azure public cloud • Improved self-service installation of in-store components to make configuration easier and more intuitive
<p>Monitor the health of the system, and diagnose errors and issues.</p>	<p>This requires System Center 2012 Management Pack for Microsoft Dynamics AX 2012 R3 CU8 Retail.</p>	<p>Monitoring and diagnostics for Retail components is now available through the Operational Insights dashboard in LCS.</p>	<p>The Operational Insights dashboard is a cloud-based monitoring portal that replaces the need to install the System Center Operations Manager (SCOM) infrastructure.</p>

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Create, configure, download, and install Retail Hardware Station and devices by using self-service.</p>	<p>By using the installation packager and Enterprise Portal, a user can perform an automated installation and configuration of all components that are required on a particular computer, based on a defined topology.</p>	<p>Because there are only two installation packages, one for MPOS client and the other for the Retail Hardware Station component, self-service has reduced the amount of work that is required at every level to install these client components. For more information, see Retail Modern POS and device activation scenarios and Retail hardware station configuration and installation.</p>	<p>Self-service aims to minimize requirements and make it easier for a user to perform an installation.</p>

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Sales

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
<p>Get a quick overview of delivery alternatives when you promise orders to customers.</p>	<p>When there are product availability constraints, and the customer's requested delivery date for one or more products on the order can't be met, the order promising task becomes a challenge. To find alternatives that can offset availability and shipping time issues, so that the customer's requested date can be met, or to offer customers a delivery solution that they can accept and trust, the order processor might have to open several forms, each of which offers only a subset of the required information. More specifically, one form shows on-hand quantity across sites, another form shows on-hand quantity in the intercompany setting, a third form lets users calculate the earliest available date for one site/variant at a time, and a fourth form shows supply orders. Therefore, users don't feel confident that they have considered all the relevant options instead of just choosing an immediate but suboptimal solution. User also don't feel effective, because of numerous interruptions during the order promising flow: they must open and close multiple pages, and combine the insights and options.</p>	<p>Based on the existing algorithms for delivery date calculation, the Delivery alternatives page offers a new user experience for order promising:</p> <ul style="list-style-type: none"> • It consolidates relevant information from multiple forms onto one space. • It offers "ready-made" alternative delivery packages, such as a combination site/warehouse/variant/transport mode, based on the fastest delivery (earliest available date) criterion that the user can choose from. • It lets the user select options from the simulation interface and transfer them to the sales order line. 	<p>Companies that aspire to provide high customer service while committing to an inventory optimization strategy must be able to promise orders reliably and competitively. After all, their customers' own business requires that products be available on time. The Delivery alternatives task page makes the order promising task quicker, easier, and more systematic by identifying and recommending the best alternative order delivery dates in one interactive place.</p>

Service management

No new features have been added.

Transportation management

No new features have been added.

Travel and expense

No new features have been added.

Warehouse management

What can you do	AX 2012	Dynamics 'AX 7'	Why is this important?
Download, install, and configure the Warehouse Mobile Devices Portal.	This can be done during the Microsoft Dynamics AX installation process through a standard setup. It's designed for self-driven on-premises deployment and configuration.	A stand-alone installer can be downloaded directly through a menu item in Warehouse management. It's designed for self-driven on-premises deployment and configuration.	When you're enabling the Warehouse management module to use the mobile device functionality, you must install and configure the Warehouse Mobile Devices Portal locally and get a connection to the Microsoft Dynamics AX program in the cloud.

Deprecated features

Business Analyzer

This is a mobile application for reviewing key business metrics.

Reason for deprecation	This functionality has been replaced by another feature
Replaced by another feature?	The Monitor financial performance content pack for PowerBI will include key financial metrics that were previously available in the Business Analyzer.
Modules affected	General Ledger

AIF and AxD integrations

In Application Integration Framework (AIF), data can be exchanged with external systems through business logic exposed as services. Microsoft Dynamics AX includes services that are based on documents. A document is created by using XML, including header information that is added to create a *message* that can be transferred into or out of Microsoft Dynamics AX. Examples of documents include sales orders and purchase orders. However, almost any entity can be represented by a document, for example a customer. Services that are based on documents use the **Axd** **<Document>** classes that are included with Microsoft Dynamics AX. Collectively, these services are called *document services*.

Reason for deprecation	The architecture of AIF and AxDs was not scalable to cloud service. There were performance issues around bulk import.
Replaced by another feature?	This is replaced by Data Import/Export framework in Dynamics 'AX7,' which supports recurring bulk import/export.
Modules affected	AxDs and AIF framework

Connector for Microsoft Dynamics

This tool was used to integrate key data from Microsoft Dynamics CRM to Microsoft Dynamics ERP applications.

Reason for deprecation	This functionality has been replaced by another feature.
Replaced by another feature?	Dynamics Integrator
Modules affected	Connector for Microsoft Dynamics

GL SSRS reports

Reports with the following menu items have been removed: Summary trial balance, Detailed trial balance, Chart of accounts, Audit trail, Balances, and Balance list.

Reason for deprecation	Financial SSRS reports have been replaced by Management Reporter capabilities and default reports.
Replaced by another feature?	Management Reporter (labeled Financial reporting in Dynamics 'AX 7')
Modules affected	General Ledger

X++ financial statements

Reason for deprecation	This functionality has been replaced by another feature
Replaced by another feature?	Management Reporter (labeled Financial reporting in Dynamics 'AX 7')
Modules affected	General Ledger

eBilanz (XBRL for Germany)

This functionality provides XBRL output specifically for the German eBilanz taxonomy.

Reason for deprecation	Lack of customer usage.
Replaced by another feature?	Not replaced by another feature, but multiple specialized XBRL packages that provide rich XBRL functionality are available for the German market.
Modules affected	Management Reporter

Compliance center

The Compliance Center was an Enterprise Portal site for managing the documentation requirements for compliance initiatives related to the Sarbanes-Oxley law.

Reason for deprecation	Lack of customer usage. SharePoint includes the same capability that was available in the Compliance Center.
Replaced by another feature?	No
Modules affected	Compliance and internal controls

Environmental sustainability

Reason for deprecation	Low customer usage, limited feature set.
Replaced by another feature?	No
Modules affected	Compliance and internal controls, Accounts payable

Shipping carrier interface

Reason for deprecation	Duplicate functionality.
Replaced by another feature?	Yes – partially replaced by Transportation management, but not yet replaced by basic Warehouse management (WMSI).
Modules affected	Sales and marketing, Inventory management

Warehouse management II

Reason for deprecation	The Warehouse management II solution (WMS II) that was available in the Inventory management module duplicates functionality that is in the Warehouse management module which was released in Dynamics AX 2012 R3.
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Replaced by another feature?	The Warehouse management module released in Dynamics AX 2012 R3, CU8, and CU9 replaces the Warehouse management II features. The new module has more advanced features and flexible warehouse management processes than those offered in the Warehouse management II features.
Modules affected	Inventory management, Sales and marketing, Procurement and sourcing

Bills of materials without BOM versions

When the BOM versions configuration key was disabled, BOM versions would be hidden in all forms and the system would force a 1:1 relationship between released products and bills of materials. Disabling the BOM versions configuration key is not supported in Dynamics 'AX 7.'

Reason for deprecation	Using a configuration key to control BOM versions does not scale in a cloud environment.
Replaced by another feature?	No
Modules affected	Product information management, Inventory management

Product builder

Product builder was used to dynamically configure items, from a sales order, purchase order, production order, sales quotation, project quotation, or item requirement. Based on a product model with modeling variables, the user could select values to meet the customer requirements and get a unique product variant with a bill of material (BOM) and route.

Reason for deprecation	Product builder exposed X++ code to end users and is not supported in Dynamics 'AX 7.' It has been removed to avoid duplicate maintenance efforts on overlapping, sizeable codebases
Replaced by another feature?	Product configuration
Modules affected	Product information management, Sales and marketing.

Payroll information in Human Resources

Human Resources Payroll information

Reason for deprecation	Replaced by core Payroll and Human Resources pages
Replaced by another feature?	Benefits, Earnings and other related pages, formerly in US Payroll have been reconfigured to be part of the core Human Resources configuration to help support external payroll processing. This functionality is accessed using the Human Resources 1 > Payroll configuration key.
Modules affected	Human Resources, Payroll

Worker Reminders in Human Resources

Human Resources Payroll information

Reason for deprecation	Low usage.
Replaced by another feature?	No
Modules affected	Human resources

Enterprise Portal client

Reason for deprecation	A single client platform has been provided.
Replaced by another feature?	The new web client is based on the desktop form metadata and programming model that have been modified to provide a rich web platform.
Modules affected	All

Role Center pages

Reason for deprecation	Role Center pages were built on the deprecated Enterprise Portal platform which has been replaced by the new web client platform in Dynamics 'AX 7.'
Replaced by another feature?	The new Workspace form pattern provides users with a process-centered design that provides easy access to commonly used tasks within that process.
Modules affected	All

Desktop client

Reason for deprecation	The Dynamics 'AX 7' client experience has been redesigned to improve usability across multiple platforms and devices.
Replaced by another feature?	New web client is based on the desktop Form metadata and programming model that have been modified to provide a rich web platform.
Modules affected	All

Form ActiveX and Managed Host controls

Reason for deprecation	The ActiveX and Managed Host controls are based on the deprecated desktop client.
Replaced by another feature?	The extensible control framework supports building new controls based on HTML, CSS, and JavaScript and is a first-class control in the Visual Studio Tooling environment.

Modules affected	All
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InfoPart, FormPart metadata

Reason for deprecation	InfoPart and FormPart metadata enabled creating FactBoxes for two different clients.
Replaced by another feature?	InfoPart metadata, which was a simplified form definition, is converted into a Form by upgrade tooling. FormPart metadata, which referenced a Form, is replaced by a more direct reference created by upgrade tooling.
Modules affected	All

Cue metadata

Reason for deprecation	Cue metadata was limited to count or sum information
Replaced by another feature?	Tile metadata was introduced to provide more flexibility in modeling including currently count, navigation, and KPI. Count tile metadata is the direct replacement of the Cue metadata.
Modules affected	All

Cue group metadata

Reason for deprecation	Cue groups were used to display one or more Cues in the FactBox area. There was limited uptake and performance concerns since a record change in parent form led to one query per Cue in the Cue group.
Replaced by another feature?	No
Modules affected	All

Danish check format

Reason for deprecation	Support of Danish check format layout is discontinued and the report is removed from DK localization
Replaced by another feature?	No
Modules affected	All

German DTAUS payment export and importing account statements (totals and transactions)

Reason for deprecation	The format is no longer applicable in Germany as it is replaced by SEPA functionality.
Replaced by another feature?	Yes. SEPA payments export.
Modules affected	All

ClieOp03 payment format for the Netherlands

Reason for deprecation	The format is no longer in the Netherlands as it is replaced by SEPA functionality.
Replaced by another feature?	Yes. SEPA payments export.
Modules affected	All

German XML EU Sales list

Reason for deprecation	Support of XML format for DE EU Sales list is deprecated.
Replaced by another feature?	No
Modules affected	All

German DTAZV payment format

Reason for deprecation	The format is no longer applicable in Germany as it is replaced by SEPA functionality.
Replaced by another feature?	Yes. SEPA payments export.
Modules affected	All

Dutch SWIFT MT940

Reason for deprecation	Generic functionality is now used instead of localized functionality.
Replaced by another feature?	Yes. This functionality is replaced with Advanced bank reconciliation functionality.
Modules affected	All

Business statistics

Set up of business statistics inquiries that can help you analyze the performance of the organization.

Reason for deprecation	Legacy approach to BI, low customer usage, and limited feature set.
Replaced by another feature?	New BI solutions for Dynamics 'AX 7.'
Modules affected	Procurement and sourcing, Accounts payable, Sales and marketing, Accounts receivable

Main Account List page

List of accounts for the legal entity and related balance information

Reason for deprecation	Balance information is available on the Trial Balance list page by account and dimension.
Replaced by another feature?	Main Accounts contains the same list of accounts as the Main Account list page did. The grid view in Main Accounts also shows an even smaller, grid like view.
Modules affected	General ledger

Generate prenotes using batch

Prenotes generation using a batch is not available, but can still be done by a user.

Reason for deprecation	No form exists to persist and display the resulting prenote file when generated via batch.
Replaced by another feature?	Prenotes can still be generated, with the user having control over where the file is saved.
Modules affected	Accounts payable, Accounts receivable, Cash and bank management

Mexican CFD electronic invoice

This feature enables the generation of Mexican electronic invoice by using the method CFD where the company signs the invoice by requesting the related authorization to the government. This feature also includes a monthly report with all electronics invoices issued in the period.

Reason for deprecation	The method is no longer applicable. The generation of electronic invoices by using the CFD method was deprecated by the tax authorities in replacement of CFDI method where the sign is delegated to the third-party provider (PAC). The monthly report has been removed and the inquire option is available to allow users to inquire on historical transactions.
Replaced by another feature?	No
Modules affected	Account receivables, Project

Mexico realized and unrealized VAT

Microsoft Dynamics AX 2012 managed unrealized value-added tax (VAT) by using Mexico-specific functionality for "unrealized tax."

Reason for deprecation	Duplicate functionality
Replaced by another feature?	Yes, replaced by standard conditional sales tax functionality provided by Core.
Modules affected	Tax

Rename product dimension

This feature allows you to change the name of one of the three standard product dimensions: size, color, or style to a name that better suits your business needs. Renaming includes all the labels where the product dimension name is used.

Reason for deprecation	Dynamics 'AX 7' does not support label changes at runtime.
Replaced by another feature?	No
Modules affected	Product information management

Private blocking of inventory and warehouse management journals

The inventory and warehouse journals no longer support the ability to mark the journal as private for a selected user. Only the process of blocking as private for user groups and blocking while editing is supported.

Reason for deprecation	No use of functionality found
Replaced by another feature?	No
Modules affected	Inventory management

Travel requisitions

Reason for deprecation	Low usage and most functionality existed in Enterprise Portal for Microsoft Dynamics AX.
Replaced by another feature?	No
Modules affected	Expense management

Outlook integration

Reason for deprecation	Replaced with Exchange Server integration.
Replaced by another feature?	Yes
Modules affected	Sales and marketing

AX 2012 features that have not been implemented in Dynamics 'AX 7,' but are not deprecated

Feature	Description
Graphics tab on the fixed asset value model and depreciation book profile forms	This graph shows the depreciation, accumulated depreciation, and net book value over time. Users can select the data tab to get more detailed information than the chart that is displayed. We plan to redesign the chart in a future release of Dynamics 'AX 7.'
Generate electronic file to communicate the payment advice information, can be sent to a vendor	From the vendor payment journal, you could generate a payment advice as a report or as a file. The payment advice is used to communicate to the vendor the list of invoices being paid. The payment advice report is still available, but the ability to generate this information in an electronic file format will not be supported in this release of Dynamics 'AX 7.' This functionality was dependent on AIF, which is deprecated for Dynamics 'AX 7.'
Positive pay	Enables the creation of a positive pay file, used to transmit to a bank for the purpose of fraud prevention.
Cash flow forecasting	The creation of a cash flow forecast will be enhanced and included in a later release.
Vendor portal	Vendor portal provided the ability to certify and validate suppliers as AAD federated users. It also provided support for unsolicited vendor signups. Vendor Portal enabled vendors to review purchase orders, update their own (supplier) data, review product receipts to generate invoices, and upload and maintain own product catalog. Vendor Portal also provided the ability to collaborate or notify a supplier and upload RFQs and enable vendor to respond to them.
Employee self-service (ESS)	ESS provided the ability to enter requisitions for employees through a procurement site, view the status of an order (created, received, receipt confirmed), and request onboarding of a new vendor. ESS also enabled the configuration of security and punch-out to external catalogs. Procurement catalog capabilities are reduced and are used only to limit the products that can be ordered on a requisition for an organization.
Customer self-service (CSS)	Customer self-service included the ability to create approved customer records, enable users to view selected product catalogs, order items, and view the status of invoices. It also included the ability to create and follow return orders.
Cost accounting	The cost accounting module included the ability to analyze and distribute costs based on financial transactions and additional input through service transactions that can be mapped against organizational-or product-related hierarchies.
Visual scheduling board for lean manufacturing	The visual scheduling board for lean work cells is not supported in this release of Dynamics 'AX 7.' Scheduling of kanban jobs is done through a list page.
RFID	The ability to set up an RFID server with the current Dynamics 'AX 7' infrastructure instead of the BizTalk server and to enable inbound and/or outbound processed for items tagged with RFID tags are not in this release of Dynamics 'AX 7.'

Feature	Description
Absence Management in Human Resources	The ability to enter absence transactions, through both Employee Self-service and the client, along with the ability to approve those transactions as a manager is not in this release of Dynamics 'AX 7.' The ability provided will be enhanced to support a wider range of scenarios in a later release. Setup capabilities required for integration with other Dynamics AX modules are available through the Human Resources 2 configuration key.
US Payroll	US Payroll is not included in this release of Dynamics 'AX 7.' Limited initial setup capabilities will be available through the Human Resources 1 > Payroll configuration key.
External Questionnaire and Recruiting functionality	External posting of questionnaires and open jobs will be available in a later release.
Signing limits	Employee self-service processes for signing limit functionality will be available in a later release.
Client personalization	Personalization of the client is an important feature for user productivity and for enabling users to add the right content on the dashboard and workspaces. Some customization capability will be included in this release of Dynamics 'AX 7,' and we plan to extend this capability throughout subsequent releases.
Client Right-to-Left (RTL) Layout	The web client only uses Left-to-Right (LTR) layout of controls and labels for this release of Dynamics 'AX 7.' The ability to use Right-to-Left (RTL) layout for Arabic and Hebrew languages will be added in a later release.
Client drag-and-drop	The web client controls have APIs for dragging and dropping, but are based on the deprecated desktop client technology and need to be redesigned to work on the new web client platform. APIs to support drag-and-drop will be reviewed for inclusion in a later release.
Vendor catalog import	Users could import a vendor catalog via a catalog maintenance request and process the request by using an approval workflow. This import used AIF, which is now deprecated. After R1, the vendor catalog import uses the new data entity import feature.
General budget reservations	Sometimes referred to as a commitment, this is a document often used by public sector entities to set aside or earmark budgeted funds so that they are not available for other purposes. This functionality will be added in a later release.
Electronic data exchange	Electronic exchange of documents, like order confirmations and similar SCM previously enabled as AIF documents, will not be available with this release of Dynamics 'AX 7'. This functionality will be added in a later release and based on the new Data Entities foundation.
Win8 and Mobile Apps	Mobile and tablet functionality for expense capture and approval and timesheet entry and approval.
Microsoft Project client integration	Integration of Microsoft Project client with Dynamics AX projects.

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