

QAD Enterprise Applications 2017 Combined Release Notes

September 2017

The September 2017 release of QAD Enterprise Applications includes new features and fixes in Enterprise Edition, as well as releases of several QAD add-on products.

This document compiles Release Notes from Enterprise Edition and the add-on products.

For the latest documentation on QAD products, see the Document Library:

<http://documentlibrary.qad.com>

The library includes historical release notes from earlier versions.

Release notes are included for the following products:

<i>QAD Enterprise Edition 2017</i>	<i>2</i>
<i>QAD Business Process Management 2.3</i>	<i>18</i>
<i>QAD Configurator 5.9</i>	<i>19</i>
<i>QAD Customer Relationship Management 6.7.3</i>	<i>23</i>
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QAD Enterprise Edition 2017

QAD Enterprise Applications 2017 – Enterprise Edition (QAD 2017 Enterprise Edition, or QAD 2017 EE) includes product changes made between February 25, 2016, and August 24, 2017.

This release contains new features and enhancements as well as fixes that resulted from maintenance activities. For detailed information about individual fixes, see the Product Changes & Advisories area on QAD's Online Support Center:

http://tools.qad.com/product_changes/

The Release Notes describe changes in the following areas:

- Financials Enhancements
- Internationalization Enhancements
- Customer Management Enhancements
- Manufacturing/Supply Chain Enhancements
- Installation and Conversion Notes

Note QAD 2017 EE is supported by the latest release of the QAD .NET User Interface.

Because of the new product direction with the Enterprise Edition, some features that existed in earlier versions of the core application are no longer available. Others are planned for future development. See “Additional System Changes and Limitations” on page 14 for information.

Financials Enhancements

QAD Enterprise Applications 2017 – Enterprise Edition includes financial product changes for two releases of QAD Financials. This document contains only those financial product changes that took place between March 11 and August 24, 2017. These changes form part of Financials 2017.1.

Financial product changes between February 25, 2016, and March 10, 2017, were released as Financials 2017. These changes are described in [QAD Financials 2017 Release Notes](#).

Budget Rebuilds for Specific Periods

Rebuilding budgets can be time-consuming, especially when transaction volumes are large. The Budget Rebuild (25.5.1.7) activity now enables you to rebuild only those periods that need to be rebuilt. There is no setup required, but the start and end dates specified when rebuilding must correspond to start and end dates for both budget periods and entity GL periods. This enhancement makes budget rebuilds faster because only the necessary transactions are passed to the budget daemon.

Revenue Recognition

Revenue recognition is increasingly becoming an important requirement. This is especially true with the introduction of new accounting standards like ASC 606 and IFRS 15 that aim to provide a more robust framework for addressing revenue issues. A new revenue module provides functionality that enables you to:

- Define revenue recognition contracts complete with performance obligations.
- Define and work with accrued and deferred revenue accounts. You can create deferred revenue daybooks to enable you to track journal entries and postings to handle the deferral and recognition of revenue.

- Define revenue recognition rules and link them to the performance obligations attached to revenue contracts. You can use the following recognition rules:
 - Acceptance - A performance obligation requires a form of acceptance such as proof of delivery.
 - Payment - Revenue is not recognized until payment has been received.
 - Time-based - A performance obligation can be marked as fulfilled after a set time period after goods or services have been delivered or invoiced.
 - Percentage Complete - Revenue is recognized based on the difference between the amount of the contract invoiced and the amount of work done on the contract.
 - Periodic - Revenue is recognized monthly or periodically, such as for warranties or maintenance contracts.
 - Custom Periodic - Revenue recognition is subject to special considerations. For example, revenue amounts might be split unevenly across financial periods.

You can also:

- Record revenue recognition data against the performance obligations of a revenue contract and mark performance obligations according to their completeness.
- Run revenue calculations on contracts, and then display the effects of the revenue calculations on the relevant contracts in an audit report.
- Perform reviews on different contract versions and take appropriate action.
- Batch process revenue calculations at a particular time each day to keep the revenue contracts up-to-date.

Sub-Account by Site on Customer and Supplier Control Accounts

It has always been possible to report by sub-account within the general ledger. It is now possible to associate a sub-account with a site and to set the sub-account for postings against Customer and Supplier Control accounts based on the header site on sales and purchase orders. The AR/AP Sub-Account field in Site Maintenance enables you to specify a sub-account that is used to represent the site on invoices created for the site concerned.

Note A full balance sheet by site is only possible by defining a separate entity per site.

In manual and automated flows, the sub-account in Site Maintenance overrides the sub-account defaulted from the supplier or the customer. This enables you to report based on site on the balance sheet and income statement. In customer and supplier invoices, the defaulted sub-account is displayed, based on the sales order or purchase order site.

This enhancement does not cover all site-specific balance sheet reporting. There are some tax and expense items receipts where defaulting does not occur. However, there are workarounds for these scenarios.

Supplier Invoice Approval Workflow

Supplier invoice approval workflow allows you to implement a workflow to approve supplier invoices. You can implement supplier invoice approval workflow for invoices submitted for approval after creating the invoice or later after receiver matching when the status is no longer initial.

In this release, a Submit for Approval field has been added in Supplier Invoice Create. It is only visible when supplier invoice approval workflow is enabled at entity level. When the invoice status is defined as Invoice Status Before Approval in Invoice Approval Transitions, you can select the Submit for Approval field to submit the invoice for approval. If the invoice has another status, the field is disabled. You must select the field manually for the invoice to be submitted for approval.

When supplier invoice approval workflow is activated, you cannot create an invoice with the status Approved. After you submit a supplier invoice for approval, you can no longer modify any supplier invoice fields.

Support for Temporary Purchase Order Pricing

To support the handling of temporary prices on purchase orders and the associated price adjustments, the ERS Processor grid has been updated to contain a Transaction Type field with two possible values. It displays the value PO Receipt for purchase order receipt pending vouchers. It displays the value Price Adjustment for price adjustment pending vouchers. The field is hidden by default. For Price Adjustment pending vouchers, the Reference field on the ERS Processor grid now contains a unique two-digit number appended at the end. This two-digit number indicates the adjustment reference.

The ERS audit report has also been enhanced to reflect the changes in the ERS Processor.

In Receiver Matching, there is also a new Transaction Type field available when searching for Pending Invoices. This field enables you to search for Purchase Order Receipt pending vouchers, Price Adjustment pending vouchers, or both. The Receiver Matching grid also displays three additional fields that are hidden by default.

- The Transaction Type field displays whether the pending voucher is a Purchase Order Receipt or a Price Adjustment.
- The Temporary Price field displays whether the item price is temporary or agreed.
- The Adjustment Ref field contains the receiver number of the original PO receipt number plus a unique two digit number indicating the adjustment number of the related price adjustment pending voucher,

The Receiver Matching report also now includes the Receipt Type.

For operational details on temporary pricing, see “Temporary Purchase Order Pricing” on page 9.

Support for Advanced Self-Billing

This feature is described under Customer Management Enhancements. See “Advanced Self Billing” on page 6.

Internationalization Enhancements

Golden Tax

In 2016 the Chinese authorities released an update to the Golden Tax legislation. In response to this requirement, QAD Enterprise Edition now enables you to:

- Define invoice types of ordinary or special.
- Define split logic of invoices based on the invoice type.
- Include all customer invoices, including non-taxable invoices and invoices in other currencies.
- Export in XML format to the Golden Tax application.
- Import in XML format from the Golden Tax application.
- View the Golden Tax transaction type in many customer records.

Customer Billing

Customer Billing enables you to group customer invoices on a summarized document and send a single bill to a customer. This is a common business practice in Japan and Thailand.

To increase the efficiency of the billing process, you can now search for and select invoices on the basis of the invoice status code.

The status code has also been added as a column on the grid with the selected invoices. You can open the details of the customer invoice from the grid.

Consumption Tax

In Japan, companies must produce a yearly report showing the consumption tax of all postings made on selected accounts. At a minimum, the report shows the list of accounts, the account description, and the base amount per taxation rate. There are no legal requirements for the report layout.

You can now make the consumption tax property available on supplier and customer Invoice postings.

To enable consumption tax in a domain, select the Use Consumption Tax field on the General tab of Domain Create. When enabled, you can define a default tax code for GL account maintenance on standard and open item accounts with manual posting.

On the Consumption Tax tab in GL Account Create, you can enable consumption tax for the GL account and specify the tax code to use for consumption tax in each domain that you add. The GL account must be a standard open item account with manual posting.

In Customer Invoice Create, there is a new Consumption Tax Code field in the grid on the CI Posting tab. The Consumption Tax Code field is also available on the Matching Posting tab of Supplier Invoice Create and Manual Posting in Receiver Matching Create. When a new row is inserted, the default tax code of the domain is defaulted from the GL Account setup.

The new setup for consumption tax is available to use in GL Account Excel Integration (25.3.13.5) and with the XML Daemon.

Customer Payment Interest

In Customer Payment Create, you can now edit the interest amount in TC Interest Amount field. The other relevant amount fields are automatically recalculated when you update this field.

Delivery Based Invoicing

In Japan, and mainly in the automotive sector, it is a common practice to create customer invoices where the date of the last shipment is used as the invoice, tax point, and posting date.

You can enable this functionality by selecting the Delivery Based Invoicing field in Sales Order Accounting Control (36.9.6). When you select this field, customer invoices are created with the last shipment date used as the invoice, posting, and tax point date. The shipment date is used for the Posting, Invoice, and Tax Point dates in Customer Invoice and Journal Entry.

When this functionality is enabled, the GL effective date is disabled in the following menus:

- Pre-Shipper/Shipper Confirm (7.9.5)
- Pre-Shipper/Shipper Auto Confirm (7.9.7)
- Sales Order Shipments (7.9.15)

- Invoice Post and Print (7.13.4)
- Inventory Usage Create (7.18.13)
- Authorization Usage Create (7.18.14)
- Sequenced Usage Create (7.18.15)
- Shipper Usage Create (7.18.19)

Include Payment Discount in IC Declaration

Companies in EU countries need to declare intra-community sales on a monthly or quarterly basis. The reports IC Declarations by Business Relation, and IC Declarations by Transactions cover this requirement. Due to a requirement from tax authorities, payment discounts are now included in these reports.

Support Branch Supplier Code in ERS

ERS Processor now accepts legal documents linked to a purchase order with a different supplier code.

Customer Management Enhancements

Status Tracking for Shipments

The Status Tracking for Shipments functionality provides the ability to track shipments by showing each step of the shipping process from shipper to invoice. This functionality also provides the ability to record in the system the actual quantity received by a customer and the date of receipt. This is referred to as Proof of Delivery (POD). The status and the date of the activities in the shipment process are visible in the Shipper Detail Status Browse and Shipper Detail Status Report.

The new status tracking and POD functionality only applies to shipments made using pre-shippers and shippers and does not currently include Service and Support transactions.

Advanced Self Billing

The Customer Management module now supports the Advanced Self Billing functionality. For a self-billing order, the customer can initiate the invoicing process. As the supplier, you can decide whether self-invoicing is allowed for a customer and the associated sales orders. Upon receiving self-bills from customers, you can record them using Self-Bill Invoice Maintenance. You process the self-billing invoices using Self-Bill Invoice Post instead of the Invoice Post and Print function used for traditional customer invoices. After posting the self-billing invoices, you match them with the shippers in the system using Self-Bill Matching Execute or Self-Bill Matching Force/Reverse.

Legal Documents

The enhancements for Legal Documents are:

- Complete Legal Document Report is available for viewing and generating detailed reports for legal documents. The complete reports show all the details about the header, item lines, trailer, credit terms, and posting information of the legal documents.
- The discounts applied to sales order lines can be reflected on the legal documents by displaying the list price instead of the net price.

- Legal Documents functionality is enhanced to support mixed transactions in a Fiscal Receiving. You cannot enter PO (Purchase Orders) and DO (Distribution Orders) transactions at the same time in a Fiscal Receiving. The possible combinations of transactions in a Fiscal Receiving are:
 - Purchase (RCT-PO) and Transfer (RCT-TR)
 - Purchase (RCT-PO) and Unplanned Receipt (RCT-UNP)
 - Distribution Order (RCT-DO) and Transfer (RCT-TR)
 - Distribution Order (RCT-DO) and Unplanned Receipt (RCT-UNP)

Printing Confirmed Sales Order Only

A new selection criterion, Confirmed SO's Only, has been added to the Sales Order Print function. Setting this option to Yes enables you to print only confirmed sales order lines efficiently.

Invoicing Based on Ship-To and Site

New input criteria Ship-To Range and Site Range have been added to the functions listed in the following table. The new features meet the requirement for businesses to consolidate, print, and post invoices based on Ship-To or Site also.

Menu	Program Label	Program Name
7.13.2	Pending Invoice Register	soivrp.p
7.13.3	Preview Invoice Print	sosorp20.p
7.13.4	Invoice Post and Print	soivpst.p
7.13.6	Correction Invoice Link Report	socilkrp.p
7.13.8	Invoice History Report	soivrp09.p
7.13.12	Invoice Print or Reprint	soivrp10.p
7.13.15	Invoice Price History Report	sopirp02.p
75.10.6.1	Correction Invoice Link Report	QAD_CorrectionInvoiceLinkRpt.p
75.10.6.2	Invoice Price History Report	QAD_InvoicePriceHistoryRpt.p
75.10.6.3	Invoice History Report	QAD_InvoiceHistory.p
75.10.6.4	Pending Invoice Register	QAD_PendingInvoiceRegister.p
75.10.6.5	Preview invoice Print	QAD_PreviewInvoiceRpt.p
75.10.6.7	Invoice Print or Reprint	QAD_InvoicePrintReprint

Manufacturing/Supply Chain Enhancements

New Supplier Milk Run Features

QAD Enterprise Edition 2017 provides additional support for the concept of a *milk run* approach to supplier deliveries. In a milk run, your own vehicles or vehicles belonging to a logistics provider follow a prescribed route to one or more suppliers, which is described on a *pickup sheet*. The vehicles pick up parts or materials and deliver them to your manufacturing sites.

Enhancements have been made in several areas.

Full-Truck Optimization Rules

This release adds load optimization logic to help alleviate a major challenge of milk runs: sending multiple partially loaded vehicles. During automatic or manual pickup sheet creation, you can select a rule to control full-truck optimization logic to utilize excess capacity:

- **Linear Rule.** The system proportionately distributes the remaining open capacity among the PO lines of the pickup sheets in order to maximize the overall capacity, in weight or volume.
- **ABC Rule.** This rule program is provided mainly as a sample to be used for your own custom programming. If you use it as-is, the system proportionately distributes the open capacity over all of the items with the same ABC classification code. If this process still leaves open capacity, the system uses open capacity for items with the next-lower ABC classification.

Discrete Purchase Order Lines

You can now include discrete PO lines on pickup sheets. Discrete lines and supplier scheduled order lines can be mixed on the same sheet.

Note Discrete PO lines are excluded from system full-truck optimization calculations; typically, PO line quantities are fixed when the PO is issued and can only be modified by the buyer.

Containerization

Order lines on pickup sheets can now include containers, defined using the features of the Packaging Setup Menu (13.14).

Packing setup functions let you define all types of containers (packs) as well as create packaging structures (bills of packaging). Containers can be single-level, such as items in a box, or multi-level, such as items in a box and boxes on a pallet. Setup supports multi-level containers, as well as containers that have many pieces—a tote with lid and inserts, for example. Because container weights and volumes are included, you can ensure that capacity calculations are a valid representation of the load.

Pickup sheets show containers so that the logistics transporter can verify the number of containers in the delivery.

Pallet Capacity

Pallet capacity information has been added to maintenance programs and report outputs. This information helps the logistics planner determine how close to a full truck a pickup sheet is in terms of pallets/containerization.

Additional Supplier Information

Three new optional fields have been added to Supplier Network Maintenance.

- **Pickup Start Time and Pickup End Time** allow the planner to specify a pickup “window” for the logistics provider to be at the supplier for pickup.
- **Supplier Dock** field allows the planner to specify a supplier dock identifier—sometimes referred to as a “bay” or “gate”—where the logistics provider is expected to arrive. It further qualifies the location at the supplier’s facility.

The information helps logistics planners and transportation drivers more effectively manage the arrival and pickup of material. It also allows the suppliers to more effectively plan for the arrival of trucks at their facilities.

Selecting Supplier Networks by Planner

You can now specify the planner responsible for a supplier network in Supplier Network Maintenance. Additionally, Planner has been added to the selection criteria in the following functions, allowing you to control record selection based on the associated planner:

- Pickup Sheet Auto Create (5.5.3.19)
- Pickup Sheet Print (5.5.3.21)
- Pickup Sheet Delete/Archive (5.5.3.22)

Alternate Networks for Pickup Sheets

Logistics planners can now assign a generated pickup sheet to an alternate network/route. This supports a business model that requires multiple deliveries per day and lets the planner choose a network that matches the suppliers on the pickup sheet.

Note This feature is only available in Pickup Sheet Maintenance—not Pickup Sheet Auto Create. Additionally, the Network ID can only be changed when the sheet status is Draft.

Temporary Purchase Order Pricing

You can now define price lists as temporary for purchase orders and supplier scheduled orders.

Some companies need to define price lists that do not represent final prices. For example, they may want to issue purchase orders and supplier schedules while prices are still being negotiated with the supplier. In some cases, companies may be legally prohibited from issuing POs without prices.

This is a widely accepted business practice in Asia. Additionally, repricing an order retroactively—that is, renegotiating a price after it has been agreed on—is common in the automotive industry.

To use temporary PO pricing:

- Set Temporary Price Enabled to Yes in Purchasing Control to turn on the feature.
- Set Temporary Price to Yes in Price List Maintenance to make a price list temporary.

When a purchase order or supplier scheduled order references such a price list, the temporary price applies. After the final price is negotiated and you update the price list, the process depends on the status of the order cycle:

- If the price list is updated with the negotiated price before the order is received, the system updates the purchase order or supplier schedule with the new price.
- If the price is updated after the order is received but before invoicing, the system creates receipts based on the temporary price, then adjusts the order with the new price when it is available.
- If the price is updated after invoicing, the system creates supplier invoices and pays the supplier based on the temporary (receipt) price.

Note The system only selects order receipts with temporary prices for receiver matching (that is, invoicing) when Match Receipts with Temporary Price in Supplier Invoice Control is Yes.

When the price is finalized, the system reprices the order, then generates price adjustments for the invoiced receipts, creates supplier invoices for the difference between the receipt price and the final price, and pays the supplier as needed.

For information on Financials changes that support this new feature, see “Support for Temporary Purchase Order Pricing” on page 4.

Serialization

Legal Documents Functionality Supported

The Legal Documents functionality is now supported in Serialization transactions. You can implement appropriate legal documents specific to your country when you use Serialization.

After a shipper is created either for sales orders or for distribution orders, the system automatically generates a legal document. As the shipper data updates with picking, pack building, weighing, and pack moves between shippers, the system updates the legal documents.

Logistics Accounting Functionality Supported

The Logistics Accounting functionality is now supported in Serialization transactions. You can track outbound logistics charges for sales orders and distribution orders as the shipper data updates with picking, pack building, weighing, and pack moves between shippers.

Only apportion methods 1 and 2 are now supported in Serialization.

The Logistics Charges Detail frame has been added to the following functions for shippers:

- Pre-Shipper/Shipper Picking (7.8.1)
- Pre-Shipper/Shipper Pack Build (7.8.2)
- Shipping Data Maintenance (7.8.6)
- Move Pack Between (Pre-) Shippers (7.8.12)
- Pre-Shipper/Shipper Picking (12.9.1)
- Pre-Shipper/Shipper Pack Build (12.9.2)
- Shipping Data Maintenance (12.9.6)
- Move Pack Between (Pre-) Shippers (12.9.12)

Global Tax Functionality Supported

The Global Tax functionality is now supported in Serialization transactions for distribution orders. You can implement GTM and specify tax data for distribution orders in different transactions. The system calculates and displays the tax amounts in the transaction trailer frame for your review.

The tax information frame and the tax amounts trailer frame have been added to the following functions:

- Pre-Shipper/Shipper Picking (12.9.1)
- Pre-Shipper/Shipper Pack Build (12.9.2)
- Shipping Data Maintenance (12.9.6)
- Move Pack Between (Pre-) Shippers (12.9.12)

DO Shipper Unconfirming Supported

DO Shipper Unconfirming functionality is now supported in Serialization. You can use DO Pre-Shipper/Shipper Unconfirm (12.19.21) to unconfirm a shipper for DOs before truck loading.

Container Charges Supported

Container charges can now be calculated in Serialization as in standard processing, by setting up a pack code and charge type for the container item. After a pre-shipper or shipper is confirmed, container charges

are added to the orders. You can view the container charges in the generated invoice. When you unconfirm a shipper or return shipped goods, container charges are reversed accordingly.

Enhancements for Physical Inventory

- Manual intervention is now not required for counted unexpected unit packs that meet both of the following conditions.
 - The stage of the counted unit pack is New, Pending, Inv Adj, Decommed, Consumed.
 - The unit pack only contains items of a single combination of item, lot, and reference.

After you run Inventory Balance Update by Pack (3.16.3.6), the system activates those pack serial IDs. For pending packs, during inventory balance update, the system also deletes the associated serial detail records.

- Manual intervention is now not required when Quantity on Hand is negative but non-serialized loose inventory is counted. After you run Inventory Balance Update by Pack (3.16.3.6), the system updates the inventory with the quantity counted.
- Untagged Inventory Tag Create (3.16.3.9) is a new function. Using this function, you can let the system automatically create bulk tags for all untagged inventory, both non-serialized inventory and serialized inventory. When you use this function, only bulk tags are considered in preparation for physical inventory for all inventory.

Note If a serialized pack or loose item is active and its serial detail record is linked to a DO shipper, the pack or item is in reality in transit. The system does not create tags for such items.

- The new Physical Inventory Variance (3.16.19) independent browse is different from Physical Inventory Counting Result browse collection. The inventory data is retrieved independently of the existence or status of physical inventory tags. With this single new browse, you can make a quick analysis of the total impact of the physical counts before updating the inventory.
- During tag counting or recounting by pack, when no location detail record exists, the system now creates a record for either loose inventory or packaged inventory. For packs or serialized items, the system also links the created location detail records to the serial IDs.

Negative Inventory Enhancements

When serialized items or packs exist in a site/location/lot/reference combination, loose inventory of the location detail now can be negative when overissue is allowed.

If, due to an inventory receipt or issue movement, negative loose quantity and positive packaged quantity balance each other out, the system now does not delete the location detail.

Customer/Supplier Scheduled Order Comparisons

You can use a new Use Supplier Schedule Comparative Extract (.NET UI only) to view multiple supplier schedule releases simultaneously and analyze supplier schedule release fluctuations. Likewise, you can use Schedule Comparison Extract to view multiple releases simultaneously and analyze customer schedule release fluctuations.

Supplier Schedule Comparison Extract

When you run Supplier Schedule Comparison Extract, you can use the data to compare schedule releases for all items on supplier scheduled orders, including:

- Standard supplier schedule releases (type 4)
- Supplier shipping schedule releases (type 6)

- Supplier planning schedule releases (type 5)

When you extract supplier release information, the system compares multiple supplier schedule order releases. The system calculates the following *per date*:

- Average requirement quantity (the sum of quantity per date / number of releases)
- Maximum requirement quantity
- Minimum requirement quantity
- Variance % between minimum quantity and maximum quantity
- Actual receipt quantity

The comparison provides visibility to multiple release data as well as spreadsheet or Web documentation for supplier interaction when examining, for example, additional expenses.

The system displays the data in:

- Daily buckets for shipping schedules (type 6)
- Weekly buckets for planning schedule (type 5)

Schedule bucketing parameters—schedule days, weeks, or months—from the scheduled order line (type 4) for planning and shipping output reports.

You can set various reporting criteria to gain visibility over widespread or specific information sent from suppliers. For example, you can set the number of supplier plan or ship schedule releases to be compared and set the variance percentage that displays between the first and last supplier schedule release.

Schedule Comparison Extract

When you run Schedule Comparison Extract, you can extract customer release information. The system compares multiple customer schedule order releases. The system calculates the following *per date*:

- Average requirement quantity (sum of quantity per date/ number of releases)
- Minimum requirement quantity
- Maximum requirement quantity
- Variance % between minimum requirement and maximum requirement
- Actual shipped quantity

The comparison provides visibility to multiple release data as well as spreadsheet or Web documentation for customer interaction when examining, for example, additional expenses.

The system displays the data in

- Daily buckets for shipping schedules
- Weekly buckets for planning schedules

You can set various reporting criteria to gain visibility over widespread or specific information received from the customer. For example, you can set the number of customer plan or ship schedule releases to be compared and set the variance percentage that displays between the first and last customer schedule release. The report displays the:

- Total ship quantity by item/date
- Requirement averages per date
- Minimum/maximum requirement per date
- Total variance % between the minimum and maximum schedule release for the same day

Note You can modify settings to display only rows of the data that are of interest to you.

Ship Delivery Time Window

You can use a new Ship Delivery Time Maintenance (5.5.1.3) program to set up ship delivery time windows. Use the program to define ship delivery time (SDT) codes and associate one or more delivery times with them. SDT codes specify exact delivery times on supplier shipping schedules. Daily item requirements are divided into hour and minute buckets based on these delivery times.

Note SDT codes are not used on supplier planning schedules. You can specify an interval code, as needed.

You associate SDT codes with individual scheduled orders to avoid having to manually enter delivery times on supplier shipping schedules. The sum of allocation percentages across the defined time windows must add up to 100%.

Example A scheduled order line has a time window for two deliveries per day, one at 10am and another at 2pm. You want a larger percentage for the morning delivery, so you set the first time window for 10:00, then allocate 70% for it. You set a second time window for 14:00, and allocate 30% for that window.

Custom Ship Delivery Time Program

In some cases, fixed allocation percentages are not sufficient, so you can create and specify a custom allocation calculation program in the SDT Calculation Program field in Supplier Time Window Maintenance.

Note QAD Enterprise Edition includes the `rscalcl.p` custom program that you can reference as an example of how to write your own custom program.

When you create the SDT code by specifying time windows and allocating delivery percentages, you can also create the custom program, defined as part of the SDT code.

The custom program determines the actual times and percentages used in Schedule Update from MRP to create the supplier shipping schedules.

You can set default SDT codes in Supplier Controls Maintenance (5.5.1.6) and associate them with individual suppliers. The SDT code you set defaults to Supplier Scheduled Order Maintenance headers (5.5.1.13) for orders that match the supplier. In the Ship Delivery Data frame of Scheduled Order Maintenance, you can enter an SDT code or accept the default at the header level. You can change the code at the line level in Supplier Scheduled Order Maintenance.

Schedule Update from MRP (5.5.3.1) uses the delivery times associated with SDT codes on scheduled orders to bucket daily item requirements on supplier shipping schedules.

Use the View Order Ship Delivery Time browse collection (.NET UI only) to view the SDT time codes that MRP used for orders and order lines. A supporting browse displays the SDT code and percentages used by order number. You can drill down into a supporting browse that displays all scheduled order lines referencing the selected SDT code.

Lot Trace Workbench

The following new features and improvements have been made to Lot Trace Workbench:

- The number of transactions that are supported by LTWB has been extended to include scrap, cycle count, physical inventory, and supplier consignment transactions.
- The information in the Panel Browse has been extended to give the user additional filtering options.

- Upgrades to the user interface have been made to improve usability and navigation.
- Various fixes have been made to improve system performance.

Installation and Conversion Notes

QAD Enterprise Edition now requires Python 2, version 2.4 or greater. QAD recommends Python 2.7.

Additional System Changes and Limitations

At this point in the Enterprise Edition development cycle, differences with earlier releases as well as limitations exist in various areas:

- Not all optional modules and complementary products can be used with QAD 2017 EE. Some of these modules are planned to be available; others may be replaced by a different type of offering.
- Some limitations exist related to technical components such as databases and operating systems.
- Some specific application features that were available in previous releases of the core application are no longer available. In some cases this is intentional; in other cases, plans exist to reimplement the features for the Enterprise Edition.
- Enterprise Financials introduces many new capabilities as well as new Financial concepts. Due to differences in concepts with Standard Financials, a clear function-by-function comparison is not always possible. Certain specific functions of Standard Financials might work differently or not be supported in Enterprise Financials.

Updated Policy Regarding Source Code

Source code licenses for QAD Enterprise Applications are available on a module-by-module basis and priced separately. However, even for customers who do not purchase source code licenses, QAD has historically made a subset of source available. This includes source for frequently modified reports and inquiries, and excluded transactional programs.

The list of files supplied as part of this free subset of source has changed in the EE release. QAD is maintaining the policy of allowing modification of reports and inquiries, but is now applying a stricter criteria to qualify what programs can be modified without purchasing source. As a result of this change, customers may notice that some programs they received in previous releases are no longer available. For example, QAD previously provided *all* include (.i) files—including those not used by reports and inquiries. Delivery is now limited to .i files that are needed by reports and inquiries; for example, frame definitions.

Another change in source code involves Financial source code. The new Enterprise Financials follows a different development model, and customization of source is facilitated through a customization layer that does not require direct update to the generated source code. Therefore, source for Enterprise Financial programs is not available for purchase by customers. A small subset of traditional Financial programs that still remain in the Accounts Payable (AP), Multiple Currency (MC), and General Ledger (GL) modules have been moved to the base (OS) module and are available to customers who purchase source for that module.

Windows GUI User Interface No Longer Supported

In the Enterprise Edition of QAD Enterprise Applications, the .NET UI is the primary product user interface. GUI is no longer supported at all. Some programs can only be run in .NET UI; many operational programs can still be run in character, but the full use of the suite requires .NET UI.

Progress Results Files

In QAD Enterprise Edition, a full set of Progress Results files (.qc and .qc7 files) is not provided because customer requirements for reporting vary extensively. Instead, a sample set is provided on the media containing five valid relationships. Users can add more relationships using the Progress Results application to fit their business needs. Refer to the Progress Results documentation or contact QAD Global Services for assistance with adding relationships to the existing QC files.

Support for Optional Modules and Complementary Products

Optional Modules Not Supported in QAD 2017 EE

Project Realization Management (PRM)

PRM was removed from the Enterprise Edition. It may be restored at a later time pending product management decision regarding enhancing PRM or using another project management solution.

Centralized Order Processing (not planned)

Centralized Order Processing (COP) is not supported in Enterprise Edition, either for sales or purchase orders. Other order management features can be used with QAD EE.

This means that you cannot enter an SO or PO in one domain and process the SO shipment or PO receipt in another domain. However, you can open an SO or PO with the header site belonging to one entity and the line sites belonging to different entities in the same domain. In this scenario, the appropriate cross-company postings are registered.

You can also use Enterprise Material Transfer for cross-domain sourcing of items. Enterprise Edition features enhancements to the EMT functionality that make this method easier to use.

Complementary Products Not Supported in QAD 2017 EE

- QAD Manufacturing Execution Workbench (MEW) (unplanned)
- QAD Distributed Order Management (DOM) (unplanned)
- Trade Management (TrM) and APM Medical (unplanned)
- The Planner (unplanned)
- Multi-Level Pegging (unplanned)
- Q/LinQ and DataSync. The features of both these products are now included in QXtend.

Installation and Conversion Limitations

Installation

Service pack only media are not provided. Each release is a full install, although database upgrade utilities are provided.

Conversions

To ensure the highest level of quality and success for customers converting to the QAD 2017 EE release, the participation of QAD or certified QAD partner services is strongly recommended. As a result, the conversions are disabled on the release media to ensure conversion requirements are properly reviewed and planned by QAD prior to any conversion activities.

Operating Systems and Platforms

Support for an Oracle database is not generally available; only Progress database can be used.

Note An Oracle version is available for Early Adopters only.

Performance Tuning

Please consult with QAD prior to implementing a Wide Area Network configuration for QAD 2017 EE.

General Limitations

Multiple Databases Not Fully Supported

QDT does not currently support the installation of multiple databases. In addition, the application is limited in the support for multiple databases.

Because of the use of proxies through an App Server to update financial tables, you cannot switch databases if any activity may update financial tables. Currently, this means that a user cannot connect to another database from the UI. The only switching that is allowed is from the low-level DRP and EMT routines where it is known that the resulting updates do not affect financial data.

EMT itself works correctly in both single (cross-domain) and multiple database implementations. When using multiple databases, users must separately log in to the databases; it is not possible to switch between databases from the menu.

GL consolidation between multiple databases is not fully supported.

Some Financial Utilities Not Available

Delete/archive utilities are planned. Other utilities will be created as needed.

Handling of Euro Conversion Deferred

The programs for converting a currency to the Euro have not been updated to work with the Enterprise Financials. This will be addressed when a need for such conversion exists.

Financial Source Not Available

Since the Enterprise Financials use a new component-based methodology, they cannot be modified in the way traditional MFG/PRO programs were customized. Source code for the financial modules is no longer provided. Customization templates can be used to add business logic to existing Financial programs without making invasive code changes. Documentation of the source code required for creating APIs is supplied in HTML format. Customization features will be expanded in future releases to support additional features such as including new tables or new components.

System Cross-Reference Not Available

Earlier versions of QAD Applications provided a system cross-reference that let you see where tables, fields, and programs were referenced. This feature is no longer available, since it did not apply to the new component architecture.

Internationalization Features

Support for country-specific requirements is being addressed in each release of Enterprise Applications. Many of these features that were previously provided as localization or partner offerings are now being provided as generic features of the product.

For a complete list of internationalization features and planned country support, see the QAD Support Web site.

QAD Business Process Management 2.3

QAD BPM Version: 2.3

Date: September 2017

QAD Enterprise Applications Compatibility: QAD Enterprise Applications (EA) Standard Edition and Enterprise Edition, 2011 and later

Supported Progress Releases: OpenEdge 11.3.2 (with hotfix 011 or later), OpenEdge 11.4 (with hotfix 010 or later), and OpenEdge 11.6.3

QAD .NET UI Versions: 2.9.3 and later

QAD QXtend Versions: 1.8 and later

Languages: English, Castilian Spanish, Latin Spanish, Dutch, French, German, Italian, Japanese, Korean, Czech, Polish, Brazilian Portuguese, Simplified Chinese, Traditional Chinese

Related Documentation: *QAD BPM User Guide*, *QAD BPM Administration Guide*, *QAD BPM Installation Guide*, and *QAD BPM Migration Guide*.

New and Changed Features

Searching for Active or Suspended Process Instances

A new Work Step Status search criterion with two options, Active and Suspended, has been added to BPM Processes Browsers. With this feature, you can know which process instances are active or suspended without checking each process instance for its status.

Fixes

Fix Description	Internal ID	Issue Affected Versions
Processes and Tasks Browsers now work properly when there is a huge number of records and you set the filter to All.	BPM-1341	1.3+
Previously, Calendar Date control did not work in .NET UI for forms rendered by BPM using OpenEdge 11.6. This issue has now been fixed.	BPM-1342	2.2

QAD Configurator 5.9

QAD Configurator Version: 5.9

Release Date: March 2017

QAD Product Suite Compatibility: eB2.1 SP4, QAD 2007, QAD 2007.1, QAD 2008 Standard and later, QAD 2008.1 Enterprise and later

Documentation Updates

The following documents have been updated for this release:

QAD Configurator User Guide (new item number 70-3189-5.9); *QAD Configurator Installation Guide* (new item number 78-0914-5.9)

New and Changed Features

- Maintaining Pricing Part Rules
- Exporting and Importing Rule Tables
- Using Translation Manager
- Maintaining Configurator Standard Messages
- New Function for Multi-Language Support in Messages
- Repricing in Multilevel EMT Orders
- Printing Features on Customer Documents
- Publishing External Entity Rules
- New System Variables
- Configuration Reloading Enhancement

Maintaining Pricing Part Rules

Pricing Part Rule Maintenance was newly introduced into this release. Using Pricing Part Rule Maintenance, you can define how QAD Configurator assigns pricing parts. After the pricing part rule is set up, you can associate the pricing part rule with the feature options. A new field Rule has been added to variable and feature maintenance screens.

Exporting and Importing Rule Tables

You can now export general rule tables and item-specific rule tables for updates and then import those updated rule tables into QAD Configurator. This functionality provides great convenience and efficiency in rule table management.

Using Translation Manager

Translation Manager was newly introduced into this release. Compared to using the String Translation button, Translation Manager does not require access to Configuration models. Since translation tasks are typically not the responsibilities of modelers, Translation Manager enables independent translations by professional translators. It provides great flexibility in translation management and greatly increases translation efficiency and professionalism.

Using Translation Manager, you can export either all the strings or only the untranslated strings to an Excel file. Then the translators can maintain the translation texts in the Excel file. After they finish the translation, you then use Translation Manager to import the Excel file for questionnaire display.

Maintaining Configurator Standard Messages

Configurator Standard Messages was newly introduced into this release. This function is similar to Message Maintenance in QAD Enterprise Applications. Using Configurator Message Maintenance, you can maintain standard Configurator messages independently. The message strings that are entered in this function can be identified and exported for translation. Compared to defining messages in configuration rules, Configurator Message Maintenance provides more flexibility and efficiency in multiple-language support.

New Function for Multi-Language Support in Messages

Previously, you could use the showMessageBox function in sales configuration rules to define warning messages. But the messages for display were hardcoded. To better facilitate multi-language support in messages, a new function showMessageBoxWithTrans was provided. This function enables the display of messages based on the title code, message code, and language.

Repricing in Multilevel EMT Orders

When generating a secondary SO, the SBU (bottom level) now creates a PO change acknowledgment of the cost change type. When the MBU (a middle level) imports the PO change acknowledgment, the MBU reprices the corresponding SO line and then sends a PO change acknowledgment. So when the PBU (top level) imports the PO change acknowledgment of the cost change type, the system refreshes the item cost in the PBU.

In this way, if the MBU has a markup defined in the price list, after repricing, the price in the MBU is updated based on the item cost defined in the SBU. So the PBU can adjust the item cost with the updated price in the MBU.

Printing Features on Customer Documents

Two new fields, Print Sequence and Print on Customer Documents, were added to the Variable Details, Variable Option Maintenance, Feature Details, Feature Option Maintenance screens. Values of these fields are saved in configurations for printing use.

Note The printing functionality is implemented through customization.

Publishing External Entity Rules

Previously in Model Publish, external entity rules were included in product configurations. However, the external entity rules are sometimes useful to the sales department. To meet this requirement, a new column was added to allow you to separately publish external entity rules with sales configurations.

New System Variables

Three new system variables were added. You can use these system variables in item rules to control when to trigger the rules, whether on reloading, saving, or creating the configuration.

Configuration Reloading Enhancement

A new option, Always Refresh Element Variables, was added to Configurable Item Maintenance. You can use this option to define whether to refresh element-type features that are associated with a configurable item on reloading.

Fixes

Issue Number	Fixes
CFGS-195	An error that Model Publish issued in the AppServer log has been fixed.
CFGS-196	A Progress error that Configuration Questionnaire issued in the AppServer log in the debug mode has been fixed.
CFGS-213	Previously, if you ran Product Structure Cost Roll Up for a configurable item, the lower cost of the previously created variant item were not updated in item master record. This issue has now been fixed.
CFGS-219	Previously, the system incorrectly used the default value that a rule assigned to the feature as the actual value. This issue has now been fixed.
CFGS-223	A startup issue with Configurator Questionnaire has been fixed.
CFGS-225, CFGS-251, and CFGS-256	Previously, when the SO type of a configurable item was Phantom, Configuration Questionnaire that was started from an SO/SQ line did not populate all fields of the order lines. The unpopulated fields included perform date, tax usage, sales sub-account, discount sub-account, and the standard cost. This issue has now been fixed.
CFGS-226	Previously, when you ran Configuration Questionnaire for a phantom with a BOM-type configurable item at the second level, lower-level costs were not rolled up for the created variant item. This issue has now been fixed.
CFGS-227 and CFGS-259	The performance of rule maintenance functions, Configuration Analyzer, and Configuration Questionnaire has been improved.
CFGS-228 and CFGS-271	Previously, when a feature was defined for a second-level item only and at the same time part of the top-level item rules, its price was not displayed in Configuration Questionnaire. This issue has now been fixed.
CFGS-232	Previously, when the numeric format was European and you created a variant item from an SO line, the list price and the net price of the child items were not correctly calculated. This issue has now been fixed.
CFGS-234	Previously, after you created a variant item from SQ line, the Comments field value in Line Details did not match the setting in Sales Quote Control. And the Pricing Date field value became blank. Now these issues have been fixed.
CFGS-239	Previously, after a questionnaire respondent chose Create Date and selected a date on the Existing Configuration tab, reselecting the search criteria was not allowed by using the Clear button. This issue has now been fixed.
CFGS-240	Previously, when you created variant items using first Configuration Questionnaire and then Sales Order Maintenance for a phantom having a BOM component, the system created incorrect SO lines. This issue has now been fixed.
CFGS-243	When you run Batch Compiler, you no longer see any messages for the background process.
CFGS-254 and CFGS-257	Previously, if either Global Alphabetic Sequence or Global Numeric Sequence was defined for a configurable item as the variant item number rule, Configuration Questionnaire did not generate the correct sequence. This issue has now been fixed.
CFGS-261 and CFGS-263	Previously, Model Import/Export did not export item-site planning data of lower-level components. This issue has now been fixed.
CFGS-262	Previously, if you used Manual Configuration Maintenance to create a variant item, the system did not create a price list record for this variant item. This issue has now been fixed.
CFGS-266	Previously, when Standard Options was set to Yes in Feature Maintenance, modifications in Variable Maintenance did not trigger a prompt for reanalyzing the item in Configuration Questionnaire. This issue has now been fixed.
CFGS-267	Previously, if you added a feature and also a rule for this feature and then you reloaded a configuration, the Answer All button did not answer the new feature question. This issue has now been fixed.

Issue Number	Fixes
CFGS-269	Previously, if the Configuration Questionnaire was started from an SO/SQ line, the validation for starting the questionnaire was less stringent than when started from the Configuration Questionnaire menu. This issue has now been fixed.
CFGS-274	Previously, when the pccop.i file included system variables and you ran Cross Validation Analyzer, the system incorrectly displayed a warning message and flagged the rule as NOT OK. This issue has now been fixed.
CFGS-275	When you run Configuration Analyzer, you no longer see the generated files with the extensions: .i, .p, and .xref.xml in the Appserver questionnaire directory.
CFGS-276	Previously, when a variable or feature was deleted, the system did not delete its string translation records. This issue has now been fixed.
CFGS-280	Previously, if the questionnaire respondent clicked Saved Configuration before answering all the questions and then canceled saving, clicking Answer All did not answer the unanswered questions. This issue has now been fixed.
CFGS-283	Previously, in Configuration Questionnaire, when the questionnaire respondent hovered over a question mark, the text of the rule information was garbled. This issue has now been fixed.
CFGS-284	Previously, Configuration Questionnaire did not show question marks for short questions with general rules. This issue has now been fixed.
CFGS-285	Previously, when you reordered a variant item within a phantom kit for a different customer, the system did not create the customer-specific price list. This issue has now been fixed.
CFGS-287	Previously, if the questionnaire respondent pressed the Tab key before the prior response returned, the Questionnaire hung. This issue has now been fixed.
CFGS-289	Previously, the ATP Enforcement value and the Family ATP value of the created variant item did not follow the rules that were defined in Variant Item Data Rule Maintenance. This issue has now been fixed.
CFGS-292	Previously, in Configuration Questionnaire, when the net price value was more than five digits, it did not show on the Summary Panel. Now the Summary Panel is automatically resized.
CFGS-293	Previously, when creating a variant item for a configurable item with Variant Item-Site Record set to Current site only or All sites, the system displayed an error in the AppServer log. This issue has now been fixed.
CFGS-296	Previously, when creating a variant item for a phantom item with a configuration similar to an existing configuration, the system recorded a Progress error in the AppServer log. This issue has now been fixed.
CFGS-297	Previously, if a feature of a configurable item was deleted and you ran Configurator Rebuild for that item, a Progress error was displayed. This issue has now been fixed.
CFGS-303	Previously, when creating price lists, Configurator used the date of today as the start date, instead of using the sales quote pricing date. This error has been fixed now.

QAD Customer Relationship Management 6.7.3

QAD CRM Version: 6.7.3

Release Date: September 2017

QAD ERP Compatibility: QAD 2013.1 EE, QAD 2014 SE, QAD 2014 EE, QAD 2015 EE, QAD 2016 EE, QAD 2017 EE

QAD CRM Documentation: *QAD CRM Installation Guide (78-0927-6.7.3)*, *QAD CRM Administration Guide (70-3095-6.7.3)*, *QAD CRM User Guide (70-3192-6.7.3)*, and *QAD CRM – QAD Enterprise Applications Database Field Mapping Technical Reference (78-0822-6.7.3)* have been updated for this release.

New and Changed Features

This release of QAD CRM is a maintenance release and includes the following certifications and enhancements:

- Certification against Microsoft Exchange 2016 and Office 365
- Certification against Microsoft Office 2016
- Certification against OpenEdge 11.6 and 11.7
- Certification against QAD 2017 EE and the latest 2017 releases of QAD products

Fixes

Internal ID	Fixed Issue Description	Affected Versions
CRMS-213	All Profiles and Contact Persons no longer displays the error “Failed to transfer to ERP(3105).gender(tcontact.gender) You must enter this field. gender(tcontact.gender) Invalid value, Possible values Male,Female.” when the blank gender is selected for the contact and the integrated environment is not QAD 2016EE. Previously, the error was displayed.	6.7.1+
CRMS-214	Opportunity now correctly updates the Stage as “Invoiced” when a sales order with a negative quantity is invoiced in the ERP and CRM-ERP integration is ON. Previously, the Opportunity corresponding to the sales order was deleted.	6.7.1+
CRMS-215	Previously, Invoice Post and Print (7.13.4) could not calculate and display the correct accrual amount for orders that were released to QAD ERP from the quotes that were created within QAD CRM when the price list for Accrual was defined in Price List Maintenance (1.10.1.1) and the Net Price or Discount was manually changed in CRM using All Profiles or Opportunities. This issue has been fixed.	6.6.3+
CRMS-217	Previously, the Quote Printing Options could not correctly display the Quote Print button. This issue has been fixed.	6.7.2
CRMS-218	The performance of the Profile Relationship module has been improved for handling a large number of profile relationships in the system. Previously, the performance was slow when a large amount of data existed in the system.	6.7.1+
CRMS-220	The All Profiles program no longer updates Customer Language Code within the ERP when a profile address is updated in CRM and CRM-ERP integration is ON. Previously, the customer language code in the ERP was updated with the language code of the user who logged into CRM if the user existed in ERP; otherwise it was updated with the language code of the user specified in ERP Management Control in CRM.	6.6.1+

Internal ID	Fixed Issue Description	Affected Versions
CRMS-221	In QAD CRM, the Right ALT+Z key combination no longer triggers the undo function in the email body frame in Activities. Previously, the user could not enter the Polish special character in the email body frame using the Right ALT+Z key combination with Polish keyboard.	6.6.1+
CRMS-222	The functions listed below now correctly display the left-most tab when you initially access the User-Defined Fields frame. Previously, the focus was on the right-most tab. The affected functions include Profile Maintenance, Opportunity - Quote Details, Opportunities, Opportunity - Order Details, Enter a New Profile Wizard, Product, and Installed Base.	6.7.2
CRMS-223	Previously, a user could export all profile records even though the user had no access right to some of the profiles. The issue has been fixed. Now only the profile records of the team that the current logged-in user belongs to can be exported.	6.7.1+
CRMS-224	Previously, the profile type was not correctly updated in All Profiles when you change the Type field in Customer Data Maintenance (2.1.1) on QAD ERP. Now this issue has been fixed.	6.6.3+
CRMS-226	Previously, when you reassigned territories, all the activities linked with the selected profiles were reassigned to the specified user regardless of the owner of the activities. The Change From field has been added to allow you to reassign the activities of a specific owner.	6.7.2
CRMS-227	When you delete, disable, or deactivate an existing CRM user in User Maintenance on QAD ERP, the system informs you that the user is no longer able to access CRM and prompts you for confirmation. Previously, there is no message to notify the user in this scenario.	6.7.2
CRMS-229	The All Profiles program now correctly copies the field values of Address Format, Tax Class, and Tax Usage of Business Relation and the values of Tax Class and Tax Usage of the Customer when sending new business relations and customers created in CRM to ERP using the Send to ERP button. Previously the values for the above mentioned fields were blank.	6.7.2
CRMS-230	Previously, in All Profiles, the records for the customers on credit hold were always highlighted regardless of the setting of the Foreground color for th Customers with Credit Hold field in QAD ERP Management Control. Now this issue has been fixed.	6.7.1+
CRMS-232	Organize Favorites now shows the correct icons for the corresponding application menus that are added to Favorites. Previously, those icons were displayed as folder icons.	6.7.1+

QAD Customer Self Service 5.4.3

QAD CSS Version: 5.4.3

Release Date: September 2017

QAD Product Suite Compatibility: eB2.1 SP2 through SP4, QAD 2007, QAD 2007.1, QAD 2008 Standard Edition and later, QAD 2008 Enterprise Edition and later

Documentation Updates

The following documentation has been updated for this release:

QAD CSS Administration Guide (new item number 70-3188-5.4.3); *QAD CSS Implementation Guide* (new item number 70-3187-5.4.3); *QAD CSS Installation Guide* (new item number 78-0887-5.4.3)

Fixes

Issue Number	Fixes
CSS-661	A code compilation error of QAD CSS on Windows has been fixed.
CSSS-92	An issue that caused the incorrect display order of sublevel category items has been fixed.
CSSS-93	Previously, when you entered entries in FAQ Maintenance, the fourth record did not line up with the other records. This issue has been fixed now.
CSSS-94	An issue that prevented you from entering multiple email addresses in QAD CSS has been fixed.
CSSS-95	Now even if you do not have jQuery library, Session Maintenance still displays good performance.
CSSS-96	QAD CSS hangs resulting from session timeout have been fixed now.
CSSS-99	An issue that prevented you from deleting CSS order templates has been fixed.
CSSS-101	An issue that caused a shutdown of QAD CSS application during a security audit has been fixed.
CSSS-102	On password entry, auto-completion is now turned off in QAD CSS application.
CSSS-105	In Browse Maintenance, a data encoding issue that caused cross-site scripting has been fixed.
CSSS-108	Session timeout no longer causes issues in QAD CSS now.
CSSS-109	Updates in Menu Button Maintenance no longer alter the Security Group settings in System Module now.
CSSS-110	Previously, when non-English special characters were included in email texts, CSS order confirmation emails did not display complete information. This issue has been fixed now.
CSSS-112	In Registry Maintenance, a data encoding issue that caused cross-site scripting and registry corruption has been fixed.
CSSS-114	Previously, when you returned from Configuration Questionnaire, some fields on the Order Entry page incorrectly became disabled. This issue has been fixed now.
CSSS-115 and CSSS-116	HTML tags that were previously displayed in standard error messages have been fixed.
CSSS-117	Previously, when QRA was enabled, CSS orders that were submitted from other domains rather than the default domain could not generate sales orders in QAD Enterprise Applications. This issue has been fixed now.

QAD Enterprise Asset Management 2017.1

Enterprise Asset Management Version: 2017.1 (13.3)

Date: September 2017

QAD Enterprise Applications Versions: Enterprise Edition 2016 and 2017

Languages Supported: English, Latin American Spanish, Castilian Spanish, Czech, Polish, French, German, Brazilian Portuguese, Simplified Chinese, Korean, Bulgarian, Hungarian.

Upgrade Instructions

To upgrade to EAM 2017.1, see the upgrade instructions supplied with the release media.

For all other installation information, see the most recent edition of the *QAD Enterprise Asset Management Installation Guide*.

New Feature Summary

This section describes the new features and enhancements that are available in EAM 2017.1.

Update of Fixed Asset Book Details for Projects and Jobs

EAM now prompts for the costs for multiple asset books when capitalizing project or job costs. EAM defaults the books based on the class entered for the asset and defaults the costs for each book based on the New Capitalized Amount entered. The cost values can be updated for each book as appropriate before the Fixed Asset record is created. When modifying an asset, EAM displays the existing costs for each book associated with the asset concerned, and allows them to be updated with the appropriate new values before updating the asset in the Fixed Assets module in QAD ERP.

QAD Automation Solutions: Data Collection Transactions

EAM now supports QAD Automation Solutions: Data Collection transactions when Automation Solutions is part of a QAD Enterprise Applications suite. For information on installing the EAM-specific package, see the *QAD Automation Solutions: Data Collection Transaction Package Installation Guide*. For information on implementation, see the *QAD Automation Solutions: Data Collection User Guide*.

Time Zone Functionality

EAM has updated the function that calculates the current date and time for fields that receive a value of “today.” EAM implemented the QAD ERP functionality, which uses the UTC date and time, in conjunction with the EE domain’s time zone code and daylight savings time code, to determine the correct date and time. GL relevant fields such as GL References will not change.

For details on how to set up time zones, please see the “Setting Up Multiple Time Zones” and “Domain Time Zone” sections in the *QAD System Administration Guide*. EAM does not have time zones assigned in its own extension of the Domain master file and this functionality is defined in Enterprise Edition.

Stores Requisitions User-Defined Mail

System-generated mail for Stores Requisitions now includes the fields you select in the User Defined Mail Browse, making the messages more informative and helpful to users.

Revisions on Printed PO Documents

EAM now displays detailed information about revisions that were made to purchase orders when you print a PO from the Action menu. The printed document now includes Revision Number, Date, Time, and any comments that have been entered.

Upgrade Notes

Revisit Role Setup

When the upgrade is complete, review your existing roles to verify that they are set properly.

Customer-Reported Issues Resolved and Release Enhancements

The following customer-reported issues have been resolved in this release.

Fixes and Enhancements - EAM 2017.1

Table 1 Fixes and Enhancements for EAM 2017.1 (1 of 5)

Component	QAD Issue	Summary
Analysis	EAMNETS-2918	The Inventory Value as of Date report now displays the correct On Hand quantity when inventory is received from PO in one site and relocated to another site, and the report is run with the effective date defined as the received-on date. Previously, an incorrect On Hand quantity was displayed.
	EAMNETS-2960	Pick List (EAM) now displays stores requisition header information for each record when the report is run for multiple Work Orders. Previously, the stores requisition header was displayed for first record only.
Finance	EAMNETS-2559	The Purchase Orders Return To Vendor action now creates a Posted GL transaction for variance and no longer displays the error message “The posting is not balanced” when Auto Issue? is checked on a requisition line that has an inventory part and the inventory cost method is weighted average. Previously, an error message was displayed.
	EAMNETS-2748	The Projects Invoices subdetail menu now displays the correct Job No and Job No Desc when a sales order with a project is shipped using the Scheduled Pay SO subdetail menu SO Ship action and invoiced using 7.13.4 Invoice Post and Print. Previously, those two fields were blank.
	EAMNETS-2787	The Projects Invoices subdetail menu now displays the correct Invoice Amount and Paid Amount when a taxable sales order with a project is shipped using the Scheduled Pay SO subdetail menu SO Ship action and 7.9.15 Sales Order Shipments, invoiced using 7.13.4 Invoice Post and Print and paid using 27.6.4.1 Customer Payment Create. Previously, incorrect amounts were displayed.
	EAMNETS-2795	Posted GL Transactions (EAM) now displays the correct Year and Quarter when the Effective Date is modified. Previously, an incorrect Year and Quarter were displayed.
	EAMNETS-2812	Project Budget Approval no longer displays the error message “This user’s Proj Limit? is no. Cannot change Cons Limit? to yes.” when Proj Limit? is enabled in Users and Cons Limit? is changed to yes. Previously, the error message was displayed.
	EAMNETS-2864	The Projects Change Status action now displays the error message “Manual GL transactions are recorded against this project; it cannot be canceled.” when Status is changed to Canceled (X) and an unposted GL transaction was posted against the project. Previously, no error message was displayed.

Table 1 Fixes and Enhancements for EAM 2017.1 (2 of 5)

Component	QAD Issue	Summary
	EAMNETS-2901	You can now delete a job in Projects Jobs when an amount is allocated on the job and “User Allocation” is changed to No on the project. Previously, an error message was displayed.
	EAMNETS-3033	Projects now displays the Orig Budget and New Budget in nnn,nnn,nnn.nn format when the Modify Budget action is selected. Previously, the budget settings were one numerical setting smaller than original estimate and requested funding, which led to errors.
Inventory	EAMNETS-2765	Inventory no longer validates Inventory Account Information when the sub-account check boxes for COA Mask, Cost Center COA Mask, and Project COA Mask on Domain in ERP are cleared. Previously, validations were checked.
	EAMNETS-2806	The Inventory Issue action now sends Mail notification to the Notify when On Hand is equal to the Reorder Point and “Notify At or Below” is set to Reorder Point. Also, the Inventory Issue action now sends Mail notification to the Notify when On Hand is equal to Safety Stock and “Notify At or Below” is set to Safety Stock.
	EAMNETS-2848	The Messages Inbox now displays “equal or below” in the subject line and “to equal or below” in the body of the e-mail when an inventory part equals the reorder point or safety stock and an e-mail notification is received. Previously, only “below” was displayed.
Maintenance	EAMNETS-2783	The Projects Cost Analysis subdetail menu now displays the time in the correct format of HH:MM on the Labor tab when labor is posted on a project. Previously, the colon did not display.
	EAMNETS-2885	You can now update the Description field for Stores Requisition Approval Groups. Previously, the following error was displayed: Another user has changed this record after you opened it. You must click <UNDO> button and re-enter your data.
	EAMNETS-2922	The Work Orders (EAM) Print Document action is no longer an option in the Action menu when a new record is created and a role is not given for the respective site. Previously, the Print Document action was displayed.
	EAMNETS-2931	The Work Order Post Labor action now displays the time in the correct format of HH:MM. Previously, users had to manually enter the colon.
	EAMNETS-2958	The Equipment Readings subdetail menu now displays the correct usage when a user enters a separate record with a different Date Read but for the same reading with the same decimal value of Current Reading and the DUOM type of Meter. Previously, the usage was incorrect.
Other	EAMNETS-2769	The Cost tab in Projects no longer displays Text Not Found in blank fields. Previously, ‘Text Not Found’ was displayed. The Cost tab in Projects Jobs no longer displays Text Not Found in blank fields. Previously, ‘Text Not Found’ was displayed.
Purchasing	EAMNET-17506	Two new columns, Total Cost (B) Round and Total Cost Rounds, have been added to the Requisition Line browse. If the user does not see those two columns, please right click and add columns, and then set the default browse so that those two columns are automatically displayed.
	EAMNETS-2602	Requisitions now displays the Notify on the requisition line when a requisition is copied. Previously, the Notify was not displayed. The Requisitions Authorize action now sends e-mail to the Notify along with the originator when a requisition is authorized. Previously, the e-mail was only sent to the originator.
	EAMNETS-2696	Order Cost and Total Cost on Requisition Lines are now populated when globally created from a vendor-sourced, non-stock part Stores Requisition List, and that Vendor has a foreign currency associated with it.

Table 1 Fixes and Enhancements for EAM 2017.1 (3 of 5)

Component	QAD Issue	Summary
	EAMNETS-2715	Purchase orders now correctly display the Total Cost on the PO header when a PO is created from a foreign currency requisition that has a canceled requisition line. Previously, the Total Cost was incorrect.
	EAMNETS-2735	The Purchase Orders Print Document action now displays the revisions from All PO/Req Revisions when revisions were created in PO and the Job Program 'PO/Req Revision Rollup Create' is run. Previously, the revisions were not displayed.
	EAMNETS-2753	Requisitions now correctly defaults Expense Account on Line from Sites Inventory Issue Defaults - Debit when a requisition line is created for an inventory part not having a Primary Expense Account. Previously, a blank Account was displayed.
	EAMNETS-2763	The Projects Cost Analysis subdetail menu Contract tab now displays the correct Req No and Historical Req No when the contractor cost is charged against the project. Previously, Req No displayed zero.
	EAMNETS-2800	Inbox messages now display e-mails with the subject as "Authorization Request for Requisition &1 Site &2" and "Authorization Request for purchase order &1 Site &2" in the receiver's language when requisitions are routed for approval and the receiver has a different language. Previously, e-mail messages were displayed in the sender's language.
	EAMNETS-2826	Requisitions now displays the status as "Previously Authorized" when the vendor is changed on a requisition header that has a different currency. Previously, the requisition was not rerouted. Also, Requisitions now displays the correct Total Cost (B) when the vendor is changed on a requisition header. Previously, Total Cost was not changed. Requisitions now displays the currency on a requisition header when the vendor is modified to blank. Previously, Currency was blank.
	EAMNETS-2854	The Purchase Orders Receive action now correctly displays the error message "PO is in use by another user." when the same Purchase Order is received in different sessions at the same time. Previously, no error message was displayed.
	EAMNETS-2861	The Requisitions Authorize action now correctly routes a requisition to a substitute user when the originator clicks the Add Quality button and the selected Quality approver is substituted. Previously, the requisition was not routed to the substitute user.
	EAMNETS-2875	The Purchase Orders (EAM) Standard Clause now allows users to Edit or Delete a record when the Standard clause length is more than 15 lines and ERP / Enforce Purchasing Field is set to yes in the Registry (EAM). Previously, the error message "Clause Text should not exceed 15 lines (76 characters per line)" was displayed.
	EAMNETS-2898	The Global Message log now displays the correct translations in German for alert messages. Previously, the translations were incorrect.
	EAMNETS-2907	The Inventory Issue action now validates the Account, Sub-Account, Cost Center and Department combination in the Inventory Accounts subdetail menu when inventory is issued. Previously, the Account, Sub-Account, Cost Center and Department were not validated.
	EAMNETS-2908	User-defined mail now contains Stores Requisition and its fields. Previously, Stores Requisition was not present.
	EAMNETS-2910	Unposted GL Transactions no longer post GL transactions when "Use Allocation" is checked on the project and the allocated amount on the job is less than the Unauthorized Purchases amount on the job and the amount in Unposted GL Transactions. Previously, GL Transactions posted.

Table 1 Fixes and Enhancements for EAM 2017.1 (4 of 5)

Component	QAD Issue	Summary
	EAMNETS-2912	The Projects Invoices subdetail menu now displays the correct Project No Desc when a Sales Order with a project is shipped using the Scheduled Pay SO subdetail menu SO Ship action and invoiced using Invoice Post and Print (7.13.4). Previously, the Project No Desc was blank.
	EAMNETS-2916	Requisitions now correctly defaults the Expense Type when the Project Job has Exp Type set on Projects Jobs and a job is entered on the Requisition. Previously, the Expense Type was not defaulted.
	EAMNETS-2939	Requisitions now displays the correct exchange rate when Currency Code is entered with the keyboard. Previously, the incorrect exchange rate was displayed.
	EAMNETS-2949	Requisitions now correctly defaults the Expense Account Information from Sites Inventory tab Inventory Issue Defaults - Debit when the requisition is created using the Stock Replenishment Create Requests action and the primary account was not set up in the Inventory Accounts subdetail menu. Previously, incorrect account information was defaulted.
	EAMNETS-2979	Inbox messages now display in German when the current user's language is set to German and a PO is ordered, received, or closed. Previously, a message in English was displayed.
	EAMNETS-2980	The Requisitions Authorize action Detail form no longer routes the requisition to Next Approver when the originator clicks the Close (X) button. Previously, the requisition was routed to the Next Approver.
	EAMNETS-2982	The Requisitions Authorize action now correctly routes requisitions to a new Quality approver when the originator clicks the Add Quality button and selects Quality approver. Previously, the requisition was not routed.
Reporting/Filtering	EAMNETS-2781	The Net Receipts by Vendor and Period report now displays transactions with the correct Cost Center when the report is run without filters. Previously, the incorrect Cost Centers were displayed.
	EAMNETS-2810	The Stores Requisition Lists Expense tab WO No lookup now displays open work orders from the current site. Previously, records from all sites were displayed.
	EAMNETS-2867	The Inventory Label Print action now correctly generates ZPL files with the proper format. Previously, the action was not working.
	EAMNETS-2872	The Labor Transactions by CC Report now displays the correct Skill Code when an Employee has a specific Skill Code. Previously, a blank Skill Code was displayed.
	EAMNETS-2934	The Labor Transactions by CC report now correctly displays the Labor transactions when Skill is used in the filter criteria. Previously, the error message "No data returned. Unable to preview report" was displayed.

Table 1 Fixes and Enhancements for EAM 2017.1 (5 of 5)

Component	QAD Issue	Summary
System	EAMNET-17745	EAM implemented the QAD ERP functionality for Domain time zones in order to be compatible with how Enterprise Edition handles dates and times. For details on how to set up time zones, please see the “Setting Up Multiple Time Zones” and “Domain Time Zone” sections in the QAD System Administration Guide. EAM does not have time zones assigned in its own extension of the Domain master file and this functionality is defined in Enterprise Edition. EAM looks into EE to find the time zone that is assigned there, and applies it, as well as all other related functionality, such as daylight savings start and end date/time. Upon conversion to EAM 2017.1, EAM will convert all records that exist in EAM tables that contain either a Site code or a Domain code to the date and time that belongs to this time zone, assuming that the existing data is in the appserver date and time. GL relevant fields such as GL References will not be changed. Once this data conversion occurs, an EAM Registry entry will be created with the entry “DomainTimeZoneConversion” and its Data Value will be set to yes. Once this entry exists, further attempts to convert dates and times to the Domain time zone will not yield any results.
System Administration	EAMNETS-2869	Previously, there were two stores requisition menu option in roles menu, one in Maintenance Work Order Work Order Store Req List and the other in Inventory Stores Requisition list. The menu option in Roles Maintenance Work Orders Work Orders Stores Req lists has been removed.
	EAMNETS-2877	The Users Purge Mail action now correctly deletes EAM mails for the selected user from the Messages Inbox. Previously, the messages did not delete.
	EAMNETS-2954	Vendor Download now defaults Acct No, Sub Acct No and Cost Center from Supplier Accounts Maintenance Expensed Item Receipts Accounts when EAM is connected with EE and Vendor download is performed. Previously, incorrect accounts defaulted.

QAD Integrated Customization Toolkit 4.1.23

QAD ICT Version: 4.1.23

Release Date: September 2017

Related Documentation

The following documents have been created for this release:

- *Installation Guide: QAD Integrated Customization Toolkit* (item 70-3260-4.1.23)
- *User Guide: QAD Integrated Customization Toolkit* (item 70-3261-4.1.23)

The documents are available in the QAD Document Library:

<http://www.qad.com/documentlibrary>

New Features

Version 4.1.23 is a maintenance release.

Fixes

All reported bugs have been corrected, including:

- Conflict between ICT and Days on Hands browses
- QXtend locking on delete of usrw_wkfl
- Issues when executing client-qgen.sh script

QAD Mobile Field Service 3.8.1

QAD Mobile Field Service Version: 3.8.1

Release Date: September 2017

QAD ERP Compatibility: 2012 EE, 2013.1 EE, 2014 EE, 2014 SE, 2015 EE, 2016 EE, 2017 EE

QXtend Compatibility: 1.7 or later

Languages: Chinese (Simplified and Traditional), Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Spanish (Castilian and Latin American)

New and Updated Features

This release a maintenance release and contains no new features, but some fixes.

Fixed Issues

Internal ID	Description
MFS-459	The inconsistency between Call History Status and Call Status has been fixed.
MFS-481	Previously, only the items in inventory were shown in the Item lookup browse on the Detail tab of the Call form. Now the Item lookup browse can show all the records available in item master data.
MFS-482	To keep consistent with QAD EE, the password for logging in to MFS client is limited to 16 characters.
MFS-483	For some users, MFS Client installed on Windows 8 failed to synchronize data. Now this issue has been fixed.
MFG-14581	Previously, “validMFGUser” was invoked when synchronizing data, which caused a failure. This issue has been fixed by changing “validMFGUser” to “validUser”.

QAD QXtend 1.8.8

QXtend Inbound

QXI Server Version: 1.8.8

Date: September 2017

QAD Enterprise Applications Compatibility: eB SP4 through current release

Supported Progress Releases: Progress 9.1E, OpenEdge 10.0B, 10.1A, 10.1B, 10.1C, 10.2A, 10.2B, 11.1, 11.2, 11.3, 11.4, 11.6

Supported Java Version: Java 1.6 or higher

QAD QXtend Documentation: *QAD QXtend User Guide* (70-3190-1.8.8) and *QAD QXtend Installation Guide* (78-0952-1.8.8)

Fixes

Fix Description	Internal ID	Issue Affected Versions
Previously, the QXtend installer wrote the event file with the QDoc version as a suffix during upgrade, which caused a problem. Now the installer does not change the QDoc event files during upgrade.	QXT-1833	1.8+
For an MFS-QXtend integration, the data in the response QDoc sometimes was inconsistent with the API dataset sent to QXtend. The issue has been fixed.	QXT-1913	1.8+
Previously, when setting the maxuses value of UI connection pool in connectionManagerConfig.xml to 1 and suppressResponseDetail to false, the response QDoc got the error “No response from MessageServlet for HTTPPost to get API User data”. This issue has been fixed.	QXT-1915	1.8+
Previously, a “File not found” or “Could not read request file” error could occur during processing queue. Now this issue has been fixed.	QXT-1916	1.8+
Previously, if there was an error during Inbound upgrade in a YAB environment, Inbound configurations would be missing after the issue was solved and upgrade was rerun. This issue has been fixed.	QXT-1923	1.8.7
Previously, the perpetual Excelerator license was removed during QXtend upgrade. In this case, you had to enter the license after upgrade. Now the license is kept during upgrade.	QXT-1929	1.8+
For 2015 EE or later versions, when a UI API agent was reused with a different set of credentials or domain, it failed to log out of the session. As the orphaned sessions were built up, the login process slowed down as the login procedure tried to clean up the orphaned sessions. Now this issue has been fixed.	QXT-1936	1.8.6+
A memory leak in QXtend Inbound Alert Configuration Manager (responsible for sending out alert emails) has been fixed.	QXT-1941	1.8+

Note For QDoc fixes, see the Product Changes area on QAD’s Online Support Center:

http://support.qad.com/product_changes/

QXtend Outbound

QXO Server Version: 1.8.8

Date: September 2017

QAD Enterprise Applications Compatibility: eB SP4 through current release

Supported Progress Releases: OpenEdge 11.1, 11.2, 11.3, 11.4, 11.6, 11.7

Supported Java Version: Java 1.6 or higher

QAD QXtend Documentation: *QAD QXtend User Guide (70-3190-1.8.8)* and *QAD QXtend Installation Guide (78-0952-1.8.8)*

New and Changed Features

- The performance of filters in QXO Subscriber Messages Viewer has been improved when the filter conditions include delivery status and/or profile name.

Fixes

Fix Description	Internal ID	Issue Affected Versions
MaintainItemMaster(SIAPI) QDoc now creates item records without error in the destination domain when configured items are created in the source domain.	QXT-1906	1.8+
Now subscriber messages can still be delivered to File Directory Service subscribers (Include SOAP Envelope is set to false) even when the profile of this message has been deleted.	QXT-1917	1.8+
Direct data publish in operational code now works in a QRA-enabled environment.	QXT-1918	1.8.7
Previously, qxo-services-stop did not stop all Windows processes related to Outbound services when QXtend was installed on a Windows server. Now this issue has been fixed.	QXT-1924	1.8.7
Fixed the issue that QXtend configuration service could not load the profiles of Financial business objects.	QXT-1925	1.8+
Previously, when QXtend was installed on a Windows server, starting QXO services from the web opened command prompt windows. This issue has been fixed.	QXT-1928	1.8.7
Previously, when a subscriber was set to allow superseded and there were pending messages, Message Sender kept looping without sending a message under certain conditions. Now this issue has been fixed.	QXT-1932	1.8.7
Previously, deadlock happened between Message Publisher and Message Sender under certain conditions when the subscriber had Allow Superseded set to true. This issue has been fixed.	QXT-1837	1.8.7
The sequence number in the Events database that assigns unique numbers to generated events is limited up to 32 bits.	QXT-1947	1.8+

