QAD Enterprise Applications 2018 Combined Release Notes

September 2018

The September 2018 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:

QAD Enterprise Edition 2018

QAD Enterprise Applications 2018 – Enterprise Edition (QAD 2018 Enterprise Edition, or QAD 2018 EE) includes product changes made between August 24, 2017, and June 20, 2018.

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 Dashboard under the Product Changes area on QAD's Online Support Center:

https://tools.qad.com/product_changes/

The Release Notes describe changes in the following areas:

- Financials Enhancements
- Internationalization Enhancements
- Manufacturing/Supply Chain Enhancements
- Performance Notes
- Installation and Conversion Updates

Note QAD 2018 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 7 for information.

Financials Enhancements

Fixed Assets

The Override Depreciation function is used in Fixed Assets for assets that have been acquired midway through their useful life to allow manual GL update of acquisition cost and subsequent update of accumulated depreciation within the asset record. You can now post acquisition GL transactions for assets in override depreciation mode or use the existing functionality that does not make an acquisition posting. The setting to post acquisition costs is made at either individual asset or overall book level. It can be used in conjunction with depreciation deviation functionality, which posts the difference between the primary and secondary books to the secondary book.

Process Incoming Bank Files

In Process Incoming Bank Files, you can automatically write off payment differences at the invoice level in addition to existing functionality where the tolerance is calculated at the level of the full payment. The functionality allows choice of write-off rules by customer. You can define whether you want to write off small differences based on each invoice included in a payment or on the complete payment amount. The tolerance can be enabled at own bank number or customer level.

Accounts Receivable

You can now reopen customer payments from status Paid to Initial. This functionality enables you to correct payments that have been assigned incorrectly.

In certain countries, it is a requirement to allocate payments to the correct stages; if an error is made and the payment is assigned to the wrong stage, this can result in fines from local authorities. There is a new stage movements table to store all movements for payments with stages. The stage movements can now be

correctly tracked on the Customer Activity Dashboard. A number of aging reports have also been modified to use data from this new table, so the allocated amounts can be shown on the correct stage. Corrections made in Open Item Adjustments are not supported for staged payments.

An additional enhancement for customer payments through Shared Services allows you to record the payment of invoices for multiple customers within a single customer shared services center in one payment using Process Incoming Bank Files.

Revenue Recognition

When revenue calculations are run, it is now possible to defer and accrue not only revenue amounts, but also the associated cost values for items included in a revenue contract. This functionality assists compliance with the matching principle of accounting, whereby costs are matched in the same period as related revenue.

New functionality for creating default revenue recognition rules allows you to further automate the process for revenue contract creation. New menu options enable you to define which revenue recognition rules are to be used when revenue contracts are created. You can use different combinations of item codes, product lines, customer types, and shipment details to define which revenue recognition pattern is to be used for a given contract.

Spot Rates in Banking Entry

In Banking Entry Create, you can use additional fields, available in design mode, to facilitate the allocation of multiple customer or supplier invoices using a spot rate. Four fields are available for use in defining spot rates: Inbound Rate and Inbound Rate Scale for customer invoices and Outbound Rate and Outbound Rate Scale for supplier invoices. You add the fields to the header of Banking Entry Create, if needed.

If you then define a spot exchange rate in the Banking Entry header fields and then go to allocate the entry, the rate defined is copied into the Accounting Rate field of the allocation line, removing the need to manually enter the Accounting Rate for each line.

Journal Entry Reporting

The Journal Entry record contains a new field, Print JE, that lets you print a report of the journal entry when the entry is successfully saved. In Journal Entry Modify, you can edit the Print JE field for all layer types to print a journal entry that is already created in the system. Alternatively, you can run the Journal Entry Report (25.3.1.20)—separately from Journal Entry Create—to print any journal entry.

Banking Entry Reporting

The Banking Entry record contains a new field, Print Statement, that lets you print a report of the banking entry when it is successfully saved. In Banking Entry Modify, you can edit the Print Statement field to print any banking entry. Alternatively, you can run the Bank Statement Report (31.1.15)—separately from Banking Entry—to print any banking entry.

Supplier Invoice Reporting

The Supplier Invoice record contains a new field, Print Invoice, that lets you print a report of the invoice when it is successfully saved. In Supplier Invoice Modify, you can edit the Print Invoice field for all layer types to print a supplier invoice that is already created in the system. Alternatively, you can run the Supplier Invoice Print (28.1.1.17) report—separately from Supplier Invoice—to print any supplier invoice.

Unlocking a GL Period Across Multiple Entities

Entity GL Period Unlock (25.4.2.4) contains a new Apply To field that lets you to unlock a GL period across multiple entities using entity groups created in Entity Group Create (36.1.1.2.5).

New Filters for Open Item Adjustment

You can optionally add extra filter fields to the search criteria for Open Item Adjustment. These additional filters, by default, are not visible to users—you must add them using design mode. Use List Filters is one of the additional fields and acts as a toggle that allows you to switch between using the default search filters for Customer/Supplier and Year/Daybook/Voucher, and the additional design mode search fields. The additional search fields are:

- Customer/Supplier List
- Year/Daybook/Voucher List
- Invoice Due Date From
- Invoice Due Date To
- Posting Date From
- Posting Date To
- Payment Reference

Reopening the PC Subledger Entity GL Period Modify

In Entity GL Period Modify (25.4.2), you can no longer reopen the Periodic Costing subledger for a period with existing periodic costing transactions. You must use PC Calculation Reverse (30.5.23) in QAD Periodic Costing to reopen the GL period.

Previously, you could reopen the Periodic Costing subledger from Entity GL Period Modify.

Internationalization Enhancements

Posting Date for Invoices Created by ERS

The ERS Processor (28.10.13) assigns the system date as the posting date for supplier invoices. To facilitate Japanese business practices, you can now configure the system for the ERS Processor to use the effective date from the PO Receipt transaction as the posting date for supplier invoices instead.

Manufacturing/Supply Chain Enhancements

PC Calculation Reverse

PC Calculation Reverse (30.5.23) now:

- Displays the last closed GL calendar year/GL periods
- Prompts you to choose to continue
- Reverses the relevant periodic costing transactions
- Reopens the relevant closed GL calendar year/GL periods

PC Calculation Reverse completes these tasks for all entities in the domain for which you respond with Yes at the prompt.

Previously, PC Calculation Reverse only prompted you for the GL calendar year/GL periods to reopen.

Serialization, Item Attributes and Quality Control

QAD Enterprise Edition 2018 comes with the latest version of SAQ (v2.7.1), which includes many new and enhanced features.

Serialization

Dual Serial IDs Supported

In some use cases, manufacturers are required to use serial IDs that fit a specific format, such as guidelines where serial IDs are limited to 8 or 9 digits or serial IDs cannot be repeated for at least 1 year. In some of these cases, suppliers provide manufacturers with their specific serial IDs, or customers require manufacturers to deliver serial IDs according to a specific format. QAD Serialization expects each serial ID to be unique within the database, across all domains. When you have multiple suppliers and customers across multiple sites and domains, the risk of providing duplicate serial IDs can be very high.

To prevent the possibility of having items with duplicate serial IDs, enhancements were made to the system so that items can have two serial IDs that are linked. An extension to serial master management was implemented to cross-link an External Serial ID and an Origin Code with the Internal Serial ID. The External Serial ID is an external serial number provided by the supplier. The Origin Code is a supplier-provided code that is defined in Serial ID Range Maintenance and that is uniquely related to the site and supplier combination. The Internal Serial ID is the serial ID automatically generated by the system, as defined in Number Range Maintenance, or one of the external serial IDs that was imported using Serial Range Extension. By having the Internal Serial ID linked to the External Serial ID and Origin Code, you can use the specific supplier or customer serial ID to perform package handling. Even if supplier or customer serial IDs are duplicated, those serial IDs will always be linked to unique Internal Serial IDs.

Serial ID Commission Date

For use cases when inventory is not lot controlled or batches of a single lot contain many serialized packs, an enhancement was made to add a serial ID Commission Date, which gives the ability to pick and issue inventory by pack ID using FIFO picking logic. The Commission Date/Time field lets you enter the date and time a pack or serial item unit was received, built, or created. You can update this field using Serial Master Data Maintenance (3.17.18) and Update Commission Date (3.17.26), which are both new functions introduced in the latest version of SAQ. Serial Master Data Maintenance lets you modify selected fields in a Serial Master record, including Commission Date, Pack Code, UM, and Supplier Lot. When these fields are modified, Serial History (serh_hist) records are created to record the changed values. Update Commission Date lets you perform a batch update of the Commission Date in Serial Master records.

Pending PO Shipper Unload Enhancements

Enhancements were made to the Pending PO Shipper Unload (5.13.12.13) function to give users the ability to unload and receive loose inventory and multi-item unit packs for PO shippers/direct PO receipts. Now, you can use this function to unload and receive loose inventory that is not packaged during receipts and unload and receive packs built by the supplier that are mixed pallets and which contain multi-item unit packs.

Shipping Groups Integrated with Pack Transfer Programs

Shipping group functionality has been integrated with the following serialized pack transfer programs:

- Pack Transfer

- Pack Transfer with L/S Change
- Pack Transfer - Multi Pack

Now, the serialized pack transfer programs function in the same way as the non-serialized inventory transfer functions so that users can add goods transferred to a shipper, which is generated with shipping groups.

Tare Weight Calculations

An enhancement was made to how the system calculates tare weight when Serialization is enabled. Previously, to calculate the tare weight, the system would only consider the pack weight that was defined in the pack code used to pick inventory. Any tare weight defined in the Item Master was assumed to be part of the pack weight. Now, when packaged or loose inventory is picked, the system will pull in the tare weight of items picked (ship weight minus net weight multiplied by quantities picked).

Note Customers who use previous versions of Serialization and who upgrade to 2018 EE or higher will need to validate the calculated weights and potentially adjust master data defined in Pack Code Maintenance and/or Item Master Maintenance based on the extended logic.

Additional Improvements

2018 EE also introduces the following improvements to SAQ:

- The system allows users to define shipper numbers in Pre-Shipper/Shipper Pack Build.
- Improvements were made to Pack Transfer, Pack Transfer with L/S Change, and Pack Transfer - Multi Pack.
- Restrictions set up in Inv Transfer Restriction Maintenance are incorporated into these programs.
- These functions now consolidate the pack IDs in the shipper and add the current pack to the single shipper history record, when the same shipper ID is used to transfer a different pack when shipping groups are enabled.
- Pack Receipt by Work and WO Receipt Backflush by Pack correctly create a RCT-WO transaction when receipts are done for an existing pack that is already in active stage.
- Improvements were made to Pack Receipt by WO so that the system receives the complete quantity entered when the BOP has a master pack level and the default Std Pack Qty and Number of Packs are changed.
- Improvements were made to the Serialized Inventory Report so that it displays the correct Quantity in Pack, Loose Inventory, and Available Pack Quantity when loose inventory in a location having a different inventory status is transferred and a status conflict message is displayed during Pre-Shipper/Shipper Pack Build.
- Improvements were made to Cycle Recount Entry by Locations allowing users to complete the process when the same item was backed out previously from the Remarks frame.
- Improvements were made to Inventory Scrap by Pack so that users can scrap negative loose quantities when no inventory exists for the item.
- Additional fixes to SAQ were made that improve system performance and improve APIs. For detailed information about each fix, see the link to the support page included in these release notes.

Item Attributes and Quality Control

Numerous fixes were made to Item Attributes and Quality Control to improve system performance.

Performance Notes

This release includes an improvement in response times for confirming Supplier Payment Selections.

Installation and Conversion Updates

QAD Enterprise Edition 2018 requires OpenEdge 11.7.3 and Java SE Development Toolkit 8.

The QAD Enterprise Edition upgrade process conversion-ee-upgrade has been enhanced as follows:

- The conversion-ee-upgrade process now uses the standard database structure and schema YAB processes, which dynamically calculate the changes to be applied. Previously, database structure and schema updates used predefined static files depending on the source Enterprise Edition version.
- The conversion-ee-upgrade process now runs the operational and financial conversions as independent steps.

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 2018 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 2018 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 2018 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 2018 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 2018 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 Automation Solutions: Data Collection 3.1

QAD Data Collection Version: 3.1

QAD Enterprise Edition: 2015 Enterprise Edition and higher

Release Date: September 2018

Prerequisites: For information about compatibility and prerequisites, see the *QAD Automation Solutions: Data Collection Installation Guide v3.1*.

User Guide: *QAD Automations Solutions: Data Collection User Guide v3.1*

Installation Information: Installation information is included in the *QAD Automation Solutions: Data Collection Installation Guide v3.1*.

Enhancements and Fixes

The following enhancements and fixes have been made to QAD Automation Solutions: Data Collection.

QAD Issue	Description
DCPD-147	Made an enhancement to the Function Keys so that you can exit Data Collection quickly from the menu listing and not the transaction. **Value:** Gives the user the ability to quickly exit Data Collection. Previously, the user would have to hit the Device Keys 4 times to finally log out of Data Collection.
DCPD-308	Made an enhancement that gives users the ability to publish a Data Collection transaction definition. **Value:** Provides a layer of security to transactions by preventing transactions, which have been published, from being modified and encrypting transactions during export. • Prevents transactions from being modified after they are released. Once a transaction has been published, it can no longer be modified, with the exception of the Debug flag. • When a transaction is published, the system assigns a transaction key to that transaction definition. When transactions are exported, they are encrypted and if the transaction is uploaded to another system, the transaction key is required to unencrypt and use that transaction. As part of this enhancement, the following programs have been added: • Transaction Key Maintenance (6.22.17) • Transaction Key Report (6.20.13) • Transaction Key Import/Export (6.23.23)
DCPD-378	Fixed an issue so that the program definition import assigns the correct parameter and data types for the main procedure and the internal procedures/functions for the program. Previously, the parameter types were always set to "Input" while data types were not set, which resulted in a "BLOB" or "N/A" data type. This resulted in users always having to determine what these types are when using/referencing them in a transaction event.
DCPD-409	Made an enhancement so that users can scan barcodes with a data separator as GS (group separator) = ADCII 29 value. Previously, when scanning bar codes that contained the non-printable characters — 29 (Group Separator, 30 (Record Separator), and 4 (End of Text) — the values were not captured. This caused the data not to be parsed correctly.
DCPD-431	Fixed an issue where the status line did not reset correctly when there was an automatic lookup on a field. Previously, when there was a automatic lookup defined for a field and the user pressed BACK while in the lookup, the status line remained for the lookup in lieu of resetting based upon the values available for the field. Even though all of the functions were available for the field (when configured) and function, the availability did not display to the user. When the user manually launched the lookup and then pressed the BACK key from the lookup, the status line changed back to show the functions that are available from the field correctly.

QAD Issue	Description
DCPD-435	Fixed an issue where a grandchild record caused a transaction to loop. Previously, a transaction could result in being put into a continuous loop when the transaction contained a top-level record that contains two children and the first child was not being processed and the second child had a child, such as the following layout: • Header (Auto Repeating) • Child-H1 (Process set to No) • Child-H2 (Auto Repeating) • Child-H2-1 When a user pressed BACK from the first field of "Child-H2-1", the system would loop and continuously refresh the screen displaying the values for the "Header" record while showing the prompt for the first field of the Child-H2-1 record. The prompt for the last field entered on the header record was not shown.
DCPD-442	An enhancement was made to add a procedure that can be used within the processing of a transaction, to provide the ability to determine what range a particular value may reside within. **Value:** This procedure is useful in triggering event codes for processing.
DCPD-443	Fixed an issue where the expected value was not returned as the default when same field name resided on multiple fields. Previously, when the same field name resided on multiple tables within a transaction and the field was referenced as a default value for another field, the system returned the very first occurrence that was found for the field from top down of the transaction. The system should have returned the last occurrence of the field where it resided prior to the field being set in the transaction.
DCPD-457	An enhancement was made to Data Collection Control (6.22.24) and the following fields were removed: • Information Frame Row • Single Field Update Row • Multiple Field Update Row • Processing Timeout • Wait Time • Propath Setting • Auto Print
DCPD-458	An enhancement was made to Program Definition Report (6.20.3 and 6.20.4) to remove application version information.

QAD Automation Solutions: Label Printing Services 3.1

Label Printing Services Version: 3.1

QAD Enterprise Edition: 2015 Enterprise Edition and higher

Release Date: September 2018

Prerequisites: Refer to the *QAD Label Printing Services Installation Guide,* version 3.1, dated September 2018 for information on compatibility and prerequisites.

Conversion Information: Conversion information is included in the *QAD Label Printing Services Installation Guide* for September 2018.

Fixes

The following table describes fixes that were made for this release.

QAD Ticket Number	Description
LPSPD-92	The system no longer lets you delete a queue in Print Queue Maintenance (36.13.16.1.4) when the queue is in a generated state in Label Maintenance (36.13.16.2.5). When you try, the system now displays an error, informing you that a label queue record exists and the deletion is not possible. Previously, in this scenario, the system let you delete a queue without validating the queue state.
LPSPD-105	The LPS routing print engine no longer stops processing, no longer displays an error, and now correctly generates a label when you run the Label Printing Service from a .NET UI session. Previously, in this scenario, the system displayed an error, even though it found a correct format and printer routing.
LPSPD-107	Label Content Routing Configuration (36.13.16.1.16) now correctly deletes detailed data in child records when you delete parent label content routing data. Previously, when you deleted the data, deleted detail child records remained, and the system displayed a message, warning you that data will be deleted; however, the detail records were still visible in the Label Format Router (.NET UI) browse.
LPSPD-123	Label Format Maintenance (36.13.16.1.9) no longer displays a Delete button when you move the cursor to the Merge Program field. Previously, the button wrongly displayed and use of it resulted in a clearing of data in all frames.
LPSPD-124	The .NET UI Label Printer Router Browse collection now displays the Dataset column in a new position so that it is initially visible to you. Previously, the column with key field data was positioned so that its data was difficult to discern.
LPSPD-125	The Label Type field in Label Type Maintenance (36.13.16.3.1) now has additional validation. Previously, the program did not validate for spaces and special characters, resulting in errors when you attempted to generate the label.
LPSPD-126	Label Event Processing (36.13.16.3.14) now clears out fields when you scroll to a different ID in the Event ID field. Previously, other fields in the frame retained their values from the last entry when you scrolled on the Event ID field.
LPSPD-127	Manual Label Reprint (36.13.16.2.14) now: • Lets you run the report with a filter of any field on the menu • Lets you print • Displays the correct From App Request and To App Request IDs correctly Previously, the From and To App request IDs were switched and attempting to manually print from the Label Reprint menu did not result in printing, even when values displayed.
LPSPD-128	Label Event Type Criteria Maintenance (36.13.16.3.15) now correctly deletes criteria value records. Previously, the program did not delete the records when you deleted a Group Type record in Label Group Maintenance; then, re-added that record to use the same Label Type as before. In this instance, Label Event Type Criteria Maintenance considered the record configured with the previously specified value(s), indicating that the system did not delete the criteria value record when you deleted the Group Type record.

QAD Ticket Number	Description
LPSPD-129	When you print multiple labels without leaving Label Reprint Maintenance (36.13.16.2.7) or Ad Hoc Label Generation (36.13.16.2.19), the program no longer loops causing an incremental printing of the labels. Previously, in this scenario, the system printed the labels incrementally; that is, the first time, you invoked printing, only the first label printed, and the second time you invoked, the second label printed, and so on.
LPSPD-132	You can now remove reprint labels that Label Ad Hoc Generation or Manual Label Reprint generates from Label Queue Monitor (36.13.16.2.3) when you also release from Label Manual Release (36.13.16.2.13). Previously, the system did not display or release reprint labels in Label Queue Monitor even after you created the labels.
LPSPD-133	Label Reprint Maintenance and Ad Hoc Label Generation now have additional validation on the Printer field to determine when: • You have defined syntax for the printer • There is a label format detail record for this format/syntax combination. The system prompts you for re-entry when you enter an invalid value. Previously, the system only validated the Printer field.
LPSPD-134	The delete function in Label Format Maintenance (.NET UI) now functions correctly, and the program now correctly displays expected errors and messages. Previously, when you tried to delete, the delete function did not work, and expected errors and messages did not display.
LPSPD-135 LPSPD-137	Label Template Maintenance (36.13.16.1.7) now lets you delete, has an expanded Template Name field, and no longer deletes variables when you access a template. Previously, when you tried to delete the template definition for the selected printer syntax type and template name, the system prompted to delete, but did not prompt for a Yes or No response. Since the default to the confirm delete prompt is No, you could not delete. The Template Name field was expanded, allowing for more characters when you specify the path to the template file name. Previously, the field only allowed a maximum of 70 characters. The program no longer deletes all variables when you access a template. Previously, the program deleted them; then, recreated them from the template you defined in the Template File Name field.
LPSPD-136	Label Request History Browse (.NET UI) no longer generates an error when null characters are in the label and the label contains an image. Previously, in this scenario, the system displayed an error, informing you that invalid characters were replaced with blanks.
LPSPD-145	The system no longer displays a Progress error and now correctly prints multiple copies of labels when you define a printer with a Transmission Control Protocol (TCP) type connection. Previously, in this scenario, the system displayed a communication error and prevented printing.

QAD Business Process Management 2.4

Version: 2.4

Date: September 2018

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), OpenEdge 11.6.3, and OpenEdge 11.7.2

Corticon Version: 5.7 (included in QAD BPM 2.4)

QAD .NET UI Versions: 2.9.3 and later

QAD QXtend Versions: 1.8 and later

Tomcat Version: Tomcat 7 (required by Corticon 5.7)

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

OpenEdge Support

BPM now offers support for OpenEdge 11.7.2.

Upgrade Limitation

Currently, BPM cannot be automatically upgraded using YAB. Support for upgrading BPM in a YAB environment will be available in a later patch release of BPM 2.4, with a prerequisite of YAB 1.8 and its patch.

QAD Configurator 5.10

QAD Configurator Version: 5.10

Release Date: September 2018

QAD Product Suite Compatibility: 2014 SE, 2011 EE to 2018 EE

Documentation Updates

The following documents have been updated for this release:

QAD Configurator User Guide (new item number 70-3189-5.10); *QAD Configurator Installation Guide* (new item number 78-0914-5.10)

New and Changed Features

- Configurable Item Maintenance Enhancement for Production-Only Components
- Storing Pricing Part Values in Configuration Records
- Variant Item Number Display Improvement
- Questionnaire Keyboard Shortcut Improvement
- Questionnaire Pricing Performance Enhancement
- Variable/Feature Maintenance Enhancement

Configurable Item Maintenance Enhancement for Production-Only Components

In Model Publish, items or components that are only for production domains can now be specified so that they are published to the production domain only.

Storing Pricing Part Values in Configuration Records

Now the values of pricing parts are properly stored in relevant configuration tables for printing and reporting processes.

Variant Item Number Display Improvement

Now the length of the Feature code in variant item number changes dynamically based on the input text length.

Questionnaire Keyboard Shortcut Improvement

In Configuration Questionnaire, you can now use Tab or Shift+Tab to move to the next/previous available field.

Questionnaire Pricing Performance Enhancement

The pricing performance of Configuration Questionnaire has been improved to save best-pricing routing and shorten calculation time.

Variable/Feature Maintenance Enhancement

A new check box, Pricing on Variable/Feature Level, has been added to the Variable/Feature Maintenance screens for variables/features whose types are Text, Logical, Numeric List, or Date. You can select the check box to display the Pricing Info panel and disable the Pricing Panel on Options. The check box can be set on the Variable Maintenance screen, and inherited and reset on the Feature Maintenance screen.

Fixes

Issue Number	Fixes
CFG-1938	Previously, there was a compile issue of Configurator with 2014 SE. Now the issue has been fixed.
CFG-1939	An issue that caused an error when opening Configurable Item Maintenance screen from .NET UI 2.9.6 (2014 SE) has been fixed now.
CFG-1944	Previously, multiple clicks on a text box in Questionnaire would cause an infinite loop. This issue has been resolved.
CFG-1949	In Model Publish, the product structure of a non-Prod Only item is now correctly validated and published in sales domains.
CFG-1958	A pricing-part rule associated to the variable-option is no longer working in questionnaire after it is deleted.
CFG-1959	Previously, when the Configurator Model had a fill-in type Feature and Setup to validate against a browse, if you provided invalid feature answers to the Questionnaire and clicked Answer All, the Questionnaire would fall into an infinite loop. This issue has been resolved.
CFG-1965	An incorrect code that caused issues in a highly customized Questionnaire has been fixed now.
CFGS-306	Previously, in Item Rule Maintenance or Item Table Rule Maintenance, when you created an item rule with multiple options set to be hidden in Configuration Questionnaire, instead of hiding them, the Questionnaire grayed them out. This issue has been fixed now.
CFGS-307	Variant Prod Struct Rule Maint now shows improved performance when the rule assistant is opened for a component item.
CFGS-309	When you select a modified Configuration option, Configuration Rebuild now correctly displays the old and new options on the Configuration Rebuild Report.
CFGS-311	Configuration Questionnaire no longer selects the radio option if it is set as excluded. When reloading the configuration, the feature is no longer answered with the same radio option in the original configuration.
CFGS-312	Configuration Questionnaire can now correctly search and highlight a feature option in case-insensitive searches.
CFGS-313	When you select a configurable item, Configuration Rebuild now correctly displays the feature options of all its configurations.
CFGS-314	When the user language is set as German, Configuration Questionnaire started from CSS now correctly displays labels in German.
CFGS-315	When you search for a configurable item, catalog search from CSS now shows improved performance.
CFGS-317	When a feature option of an existing configuration has been excluded by a rule, Configuration Questionnaire now correctly displays the error “Your answer has been excluded” before reloading the configuration.
CFGS-319	Where-Used Report now correctly displays the attribute and Rule Table values in the report for variables having rules defined with the attribute Hide.
CFGS-320	When a rule is defined in Item Rule Maintenance to assign system user language to the question, Configuration Questionnaire started from CSS now correctly displays the question text in the CSS user language.
CFGS-321	The Configuration Questionnaire now correctly displays the numeric default as per the decimal format specified in Feature Maintenance.
CFGS-336	Previously, when you changed direct Assignment rules or Conditional rules with free-format “IF TRUE THEN” conditions in Item Rule Maintenance, Configuration Questionnaire did not update the values of relevant configurations accordingly. This issue has been fixed now.
CFGS-339	Variable Maintenance now successfully allows the variable of Numeric data type to be created or modified when the default value is set.

Issue Number	Fixes
CFGS-340	Configuration Analyzer now correctly analyzes the entire product structure when started for a parent item with Analyze Top Level Only set to NO and rules linked only to the parent item and not to its lower-level Configuration items, so that Configuration Questionnaire no longer shows Rule Description with unwanted question mark for the lower-level Configurable item.
CFGS-341	When reloading an existing Configuration after modification of Direct Assignment rules or the Conditional rules with free-format (“IF TRUE THEN”), Configuration Questionnaire now correctly reloads the old configuration.
CFGS-344	Configuration Questionnaire now correctly selects feature of type Text with Fill-In when no default option is defined for the feature and the Answer All button is clicked.
CFGS-345	Configuration Questionnaire no longer overwrites item-site planning data in Item-Site Planning Maintenance and Item-Site Inventory Data when an already existing variant is selected in the questionnaire.
CFGS-348	Configuration Report now correctly displays the features linked to the lower-level items when launched for the top-level configurable item.
CFGS-356	When identical translations are set in Feature Maintenance for multiple features, Configuration Questionnaire now correctly shows all the identically translated questions in the Configuration Summary tab-folder and the Configuration Summary report of the questionnaire for both short and long questions.
CFGS-357	Configuration Questionnaire now correctly implements multiple Configuration rules defined with different event variables for one item feature in Item Rule Maintenance.
CFGS-359	When the <Reset> button is clicked and the item feature is linked to the system variable in Item Rule Maintenance, Configuration Questionnaire now correctly resets the System Variable SysConfigurationID with the corresponding non-blank Configuration ID as applicable for New and Reload configurations.
CFGS-361	When the flag Show All Options of Feature in the Customization frame is changed after the feature has been answered, Configuration Questionnaire now correctly displays the feature options in the questionnaire as applicable.
CFGS-362	When Show Low Level Questions is set to YES in the Customization frame and the dependent rules at multiple levels are maintained in Item Rule Maintenance for the configurable item, Configuration Questionnaire now correctly displays the dependent questions based on the modified level specified in Number of Levels.
CFGS-363	Configuration Questionnaire is now compatible with browser IE11.
CFGS-364	When started for an item with no Default value set for a variable/feature with data type Logical, Configuration Analyzer no longer results in run-time Progress errors.
CFGS-367	When the logical Variable/Feature option is set as No, Variable Maintenance and Feature Maintenance now correctly display and allow updates of the fields Pricing Part, Pricing Part Rule, and Unit of Measure in the Variable/Feature Option Maintenance.
CFGS-368	Variable Maintenance and Feature Maintenance now correctly validate the field Pricing Part Rule and display the error message “Invalid Rule! (13209)” for the Variable/Feature and Variable/Feature options with invalid pricing part rules.
CFGS-369	Feature Maintenance now correctly populates the Pricing Part Rule in Feature Options when the feature is created with Std Options set to No.
CFGS-372	Configuration browse now correctly filters records when using multiple search criteria with the same operator (equals, contains, starts at) for the same filter criteria.
CFGS-373	When the pricing part rule is used by either Variable, Variable Options, Features, or Feature Options, Pricing Part Rule Maintenance no longer allows a pricing part rule to be deleted and correctly displays the error messages “<Pricing Part Rule> in use. Cannot delete”.
CFGS-374	When there are non-temporary background questions unanswered, Configuration Questionnaire now correctly displays the message “Warning: Not all questions are answered in this Configuration. Do you confirm to continue?”
CFGS-385	When saving a configuration containing features with “Feature Value as Pricing Part” set to Yes, Configuration Questionnaire now correctly populates its Pricing Part data.
CFGS-388	Configuration Questionnaire now correctly populates the Net Price and List Price based on the selected Manual Price List and enables the Save button. Also, manual changes to the Net Price are correctly updated into the Sales Order Line.

Issue Number	Fixes
CFGS-390	When you answer fill-in questions of type Numeric or Numeric List very quickly with continuous mouse clicks, Configuration Questionnaire no longer falls into an infinite loop.
CFGS-392	Configuration Questionnaire now correctly displays the browse linked to a fill-in feature of type Text when the browse button is clicked after selecting the fill-in feature.

QAD Customer Relationship Management 6.8

QAD CRM Version: 6.8

Release Date: September 2018

QAD ERP Compatibility: QAD 2013.1 EE, QAD 2014 SE, QAD 2014 EE, QAD 2015 EE, QAD 2016 EE, QAD 2017 EE, QAD 2018 EE

QAD CRM Documentation: *QAD CRM Installation Guide*, *QAD CRM Administration Guide*, *QAD CRM User Guide*, and *QAD CRM – QAD Enterprise Applications Database Field Mapping Technical Reference* 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 OpenEdge 11.7
- Certification against QAD 2018 EE and the latest 2018 releases of QAD products

Fixes

Internal ID	Fixed Issue Description	Affected Versions
CRMS-234	Previously, on the Activity pane, it was not possible to order tasks by date because field values for Start Date and End Date were treated as strings rather than as dates. This issue has been fixed.	6.7.2
CRMS-237	Previously, when inserting a new item line, the system did not calculate the correct net price and, sometimes, the list price was not retrieved. This issue has been fixed.	6.7.2
CRMS-238	Previously, modifying the invoice price in Pending Invoice Maintenance caused the default location to change in Customer Scheduled Order Maintenance. This issue has been fixed.	6.7.1+
CRMS-239	Previously, when synchronizing with QAD Enterprise Applications, the CRM system displayed the first name of the contact incorrectly. This issue has been fixed.	6.7.2+
CRMS-240	Previously, QAD AdminService started multiple Exchange automation processes. This issue has been fixed.	6.7.1
CRMS-241	Previously, there were issues with the operation to change the label name from an SIC code to a NAICS code. Now, the operation works correctly.	6.7.2
CRMS-242	Previously, on YAB-enabled environments, GDI import did not work properly. This issue has been fixed.	6.7.2
CRMS-243	Previously, when contact information was sent to QAD Enterprise Applications, the contact information became duplicated in the CRM system. This issue has been fixed.	6.7.2
CRM-5017	Previously, the Town/City lookup did not copy the country code in some cases. This issue has been fixed.	6.7.2

QAD Customer Self Service 5.5

QAD CSS Version: 5.5

Release Date: September 2018

QAD Product Suite Compatibility: 2014 SE, 2015 EE to 2018 EE

Documentation Updates

The following documentation has been updated for this release:

QAD CSS Administration Guide (new item number 70-3188-5.5)*; QAD CSS Implementation Guide* (new item number 70-3187-5.5)*; QAD CSS Installation Guide* (new item number 78-0887-5.5)

Note PayPal is a third-party payment processor. PayPal's requirements that are related to security, operating system, and Progress OpenEdge version are on the PayPal website. Make sure that you go to the PayPal website and keep up with PayPal's requirements so your credit card processing can always be secure, fast, and uninterrupted.

Fixes

Issue Number	Fixes
CSSS-132	Previously, when the PO Required field was set to No in Customer Data Maintenance and you created an order with PO/REF number left blank, the system incorrectly displayed a warning message regarding a duplicate PO on the Finish Order screen. This issue has been fixed now.
CSSS-133	Previously, when addNonAvailItem was set to No in System Registry Maintenance, the system still allowed users to add nonexistent items to the Shopping Cart. This issue has been fixed now.

QAD Mobile Field Service 3.9

QAD Mobile Field Service Version: 3.9

Release Date: September 2018

QAD ERP Compatibility: 2012 EE, 2013.1 EE, 2014 EE, 2014 SE, 2015 EE, 2016 EE, 2017 EE, 2018 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)

Fixed Issue

Internal ID	Description
MFS-488	Previously, the Status fields in the Completion panel allowed users to input characters. Now, the field value can only be selected from the drop-down list.
MFS-492	Previously, when the Document Attachment Application had the webdav type defined for the mfg user, the FSR reports were not attached to the Call Maintenance and Call Activity Reports. This issue has been fixed.
MFGS-9404	Previously, the value for the Engineer Name field was blank in FSR. Now, the field is rendered correctly.

QAD Production Orders 3.0

QAD Production Orders Version: 3.0

QAD Enterprise Edition: Enterprise Edition 2016, 2017 and 2018

Release Date: October 2018

Prerequisites:

- 2016, 2017, and 2018 Enterprise Edition
- YAB: YAB 1.6.4.9 is the minimum version required; version 1.6.5.45 is suggested.
- QAD Planning and Scheduling Workbenches; plug-in version 4.2 is included in the On-Premise Production Orders package.

  Note The Planning and Scheduling Workbenches package installs when you install the Production Orders package.
- Serialization, Item Attributes, and Quality Control (SAQ), version 2.7.1

  Production Orders version 3.0 on 2016 and 2017 EE depends on SAQ 2.7.1. Refer to your SAQ 2.7.1 installation documentation for information on installing SAQ. Also, refer to the *QAD Production Orders Installation Guide*, version 3.0, for information on the order in which you install SAQ with Production Orders.
- QAD E-Signature

  Note You must also install E-Signature seed data for use with Production Orders 3.0. Refer to your Production Orders installation documentation.
- Enterprise Asset Management (EAM)

  For customers on 2016 EE, the EAM minimum version required is 13.3. This is a prerequisite for 2016 EE Cloud customers even when they do not actively use EAM. EAM automatically installs with 2016 EE on the Cloud, and Production Orders 2.0 requires a minimum version to exist in the environment. Customers using 2017 EE already have the correct EAM version available.

  On-Premise installations do not include EAM; therefore, if you previously installed EAM, you must ensure that you have version 13.3 at a minimum.
- Data Collection

  To use the Data Collection transactions that optionally install with Production Orders, you must have a minimum version 2.1.0 of the Automation Solutions: Data Collection framework installed.
- Channel Islands

  A Channel Islands environment is optional with Production Orders 3.0; however, when you install Channel Islands with Production Orders 3.0, note the following:

  - Channel Islands—San Miguel 2 is the minimum version for existing Channel Islands customers.
  - When you install both Channel Islands—San Miguel 2 and Production Orders for the first time, you install Channel Islands—San Miguel 2 first, then install Production Orders 3.0.
  - When upgrading from an earlier version of Production Orders to version 3.0, you:

    a. Install Production Orders 3.0 first.

    b. Run a Progress database tool to re-create tables that have conflicting content. See the *QAD Production Order Installation Guide*, version 3.0.

    c. Install Channel Islands—San Miguel 2.

User Guide Information:

- *QAD Production Orders User Guide,* version 3.0, October 2018
- *QAD Planning and Scheduling Workbenches User Guide*, version 4.2, October 2018

Installation Information: *QAD Production Orders Installation Guide*, version 3.0, October 2018

Conversion Information: Conversion information is in *QAD Production Orders Installation Guide*, version 3.0, October 2018.

Production Order Enhancements

New Production Order Control Field

A new Component Issue Date Method field was added to Production Order Control (16.3.24).

Component Issue Date Method determines how the system calculates the issue date for production order bill components. The issue dates for those components determine the gross requirements for production orders, Material Requirements Planning, and Lean Material Planning.

There are two options available for the field. In the first case, the focus is on the production order release date and the lead time offset for the component, and in the second case, the focus is on the production order operation start date. The default is Order Release Date.

Order Release Date

The issue date for a component on a production order bill is the production order release date, adjusted for the component lead time offset. Order release date is an appropriate choice in most cases. The factors that determine the release date include the production order due date, the manufacturing lead time for the item (or item and site), and the calendars that are used to schedule orders at that site.

Note Set Component Issue Date Method to the Order option to schedule the issue date for production order components with the same logic used for Enterprise Edition before Production Orders.

Operation Start Date

The issue date for a component on a production order bill is determined by the start date for the production order routing operation that is referenced by the component. Operation start date is an appropriate choice for a site when the data for scheduling production orders and operations has been set up and the accuracy of schedules for all items, routings, and order quantities has been validated.

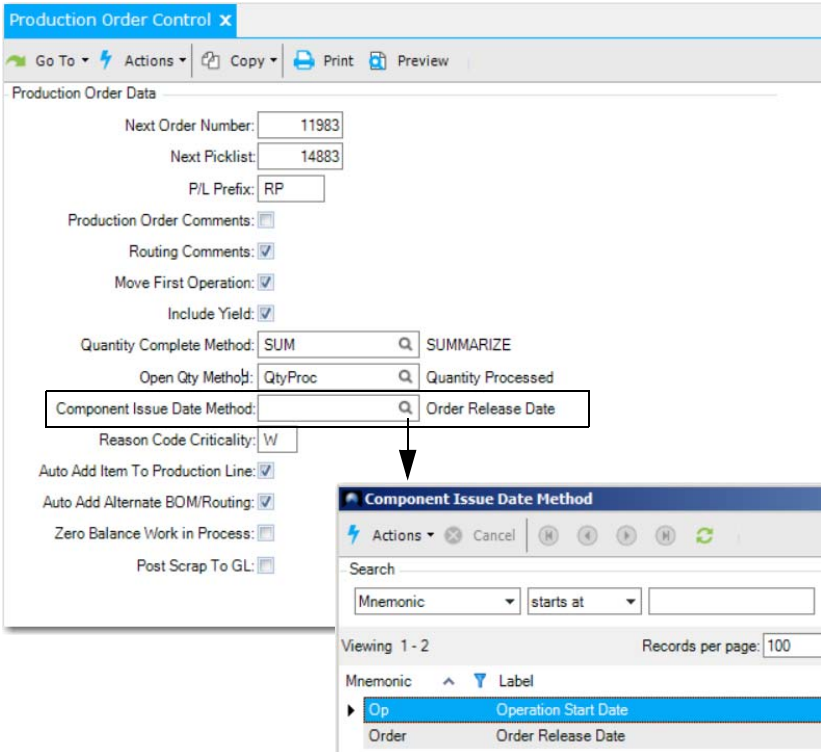
This is necessary so that the start dates for the operations are aligned to the dates when component materials for those operations are required. When the data is not accurate, then the start and issue dates may be scheduled much earlier or much later than when component materials are actually required, on dates that differ significantly from the production order release date.

The factors that determine the production routing operation start date include those for scheduling a production order, together with those for scheduling production order operations such as machines per operation, overlap units, yield percent, queue time, wait time, setup time, run time, and move time, together with calendars for work centers, production lines, and domain.

When the component references an operation that is not included among the production order routing operations; then, component issue date is determined by the start date for the previous production order routing operation. For example, when the component references operation 25 and production order contains routing operations 10, 20, and 30, the issue date for the component is the start date for operation 20. When the component operation is blank (not defined), the issue date is the start date for the first

production order operation. When there are no production order routing operations, the component issue date is the production order release date, adjusted for the component lead time offset.

Fig. 1 Production Order Control (16.3.24)



New Production Shop Floor Collection

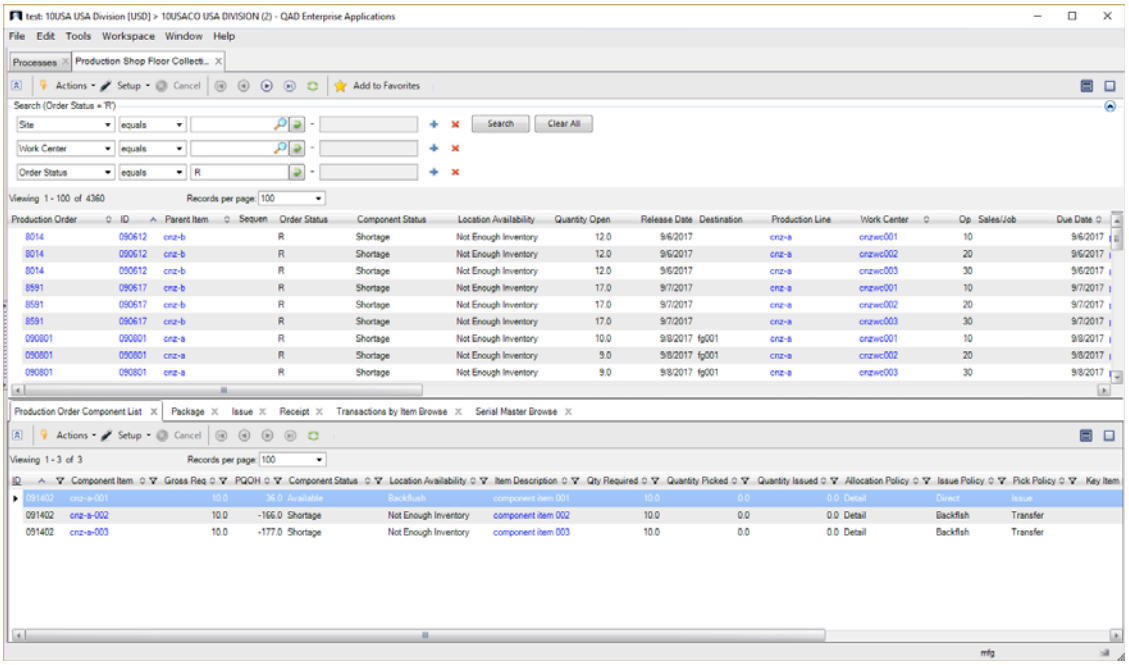
The Production Shop Floor Collection supports the reporting of shop floor activity with Automation Solutions. The collection appears in the Production Order menu and provides the shop floor user with visibility to the released schedule and component availability, and provides a simplified UI to:

- Print package labels

  Note Label-printing functions are part of the Automation Solutions products—Data Collection and Label Printing Services. You perform Automation Solutions package transactions in the Production Shop Floor Collection; the transactions combine picking, pack build, and label-printing transactions for newly generated packs. Refer to your Data Collection and Label Printing Services user documentation for more information.

- Issue Materials
- Report Production (including scrap)

Fig. 2 Production Shop Floor Collection



The Production Shop Floor Collection contains the following functions:

- **Production Order Browse.** The Production Order Browse (16.3.2) displays all the production orders in the system.
- **Production Order Component List.** The Production Order Component List browse (23.25.6) displays the component items for the parent item associated with the selected production order.
- **Packaging.** The Packaging (16.25.30) tab allows users to create serial IDs or a package for production orders. The transaction includes a production order packaging parent that links to Pack Create by Production Orders, by Production Line, and Pack Build functions.
- **Issue.** The Issue (16.25.31) tab lets users issue materials to production. There are several methods to use when issuing, including picking, transferring, and issuing components. This transaction supports issuing materials by order and by picklist.
- **Receipt.** The Receipt (16.25.32) tab allows users to report production for an operation or final receipt into stock and receive serial/lot/item into a pack for discrete and scheduled production orders.
- **Transactions by Item Browse.** The Transactions by Item Browse (3.21.2) displays inventory transaction history for an item number ordered by transaction date, starting with the most recent.
- **Serial Master Browse.** The Serial Master Browse (3.17.22.2) tab displays the serialized items that are associated with selected production order.

Component/Component Issue List Enhancements

The following programs now display more information for component lists and component issue lists:

- Operation Activity Transaction (.NET UI)
- Production Order Receipt (16.13.1)
- Production Order Component Issue (16.5.12)

When lot-controlled items with a blank lot display in component lists, the system now displays a message informing you that a lot/serial number is required for the item.

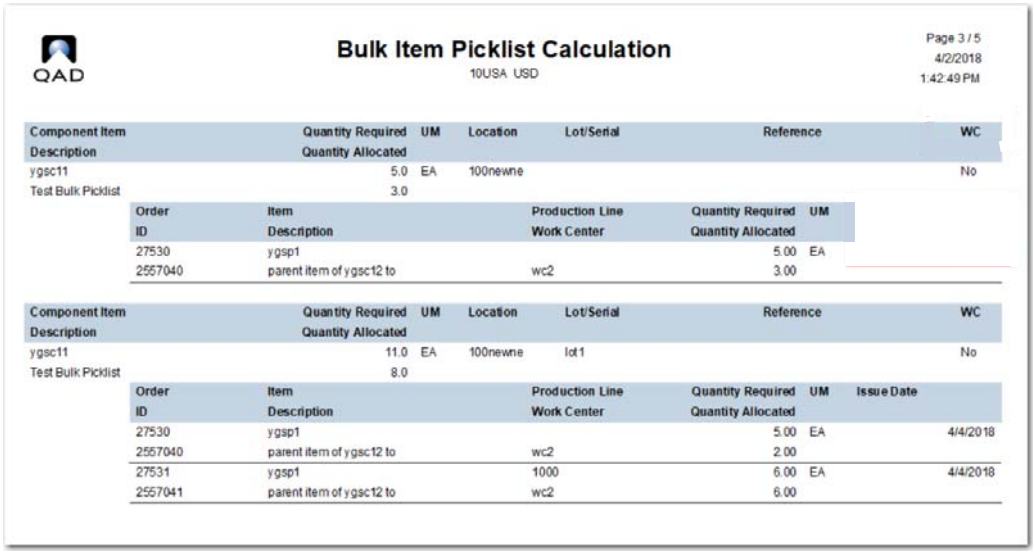
Previously, when there was a lot-controlled component with a blank lot on a component issue list, the system displayed data that indicated that the lot/serial number was required, but did not identify the component in question.

On component issue lists, when a valid inventory detail record is added to the component issue list, the system now checks whether there is an invalid issue record for the same item with a blank lot/ref. When Yes, the system now prompts you to remove the issue record with a blank lot and blank reference; when No, the system does not remove the issue record and saves the current issue data.

Bulk Item Picklist Calculation Layout Improvements

Bulk Item Picklist Calculation (16.5.3) now has an improved detail output for calculation. Now all orders on one picklist line are listed under the picklist line, making it easy to understand.

Fig. 3 Bulk Item Picklist Calculation Output



QAD

Bulk Item Picklist Calculation

10USA USD

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Component Item / Description	Quantity Required / Quantity Allocated	UM	Location	Lot/Serial	Reference	WC
ygsc11	5.0	EA	100newne			No
Test Bulk Picklist	3.0					

Order ID	Item Description	Production Line / Work Center	Quantity Required / Quantity Allocated	UM
27530	ygsp1		5.00	EA
2557040	parent item of ygsc12 to	wc2	3.00	

Component Item / Description	Quantity Required / Quantity Allocated	UM	Location	Lot/Serial	Reference	WC
ygsc11	11.0	EA	100newne	lot1		No
Test Bulk Picklist	8.0					

Order ID	Item Description	Production Line / Work Center	Quantity Required / Quantity Allocated	UM	Issue Date
27530	ygsp1		5.00	EA	4/4/2018
2557040	parent item of ygsc12 to	wc2	2.00		
27531	ygsp1	1000	6.00	EA	4/4/2018
2557041	parent item of ygsc12 to	wc2	6.00		

Improved Logic for Orders

Production activity transaction programs now have improved logic when you search for an order in the order search frame or attempt to enter an order in the operation or labor frames. The system now displays a warning only once in the operation frame, informing you that a production order or scheduled order does not exist.

Previously, without an open order to report, and despite the fact that the system creates a new cumulative order, a warning repeated throughout several production activity frames to inform you that the production order or scheduled order did not exist.

Improved BOM/Routing Logic

The following programs now have improved BOM/routing logic when you leave the BOM/routing blank or specify a production order:

- Operation Activity Transaction (.NET UI)
- Production Order Receipt (16.13.1)
- Production Order Component Issue (16.5.12)
- Operation Labor Transaction (16.13.14)

- Reject/Scrap Transaction (16.13.15)
- Rework Transaction (16.13.16)
- Move Transaction (16.13.17)
- WIP Adjust Transaction (16.20.19)
- WIP Status Inquiry (16.13.20.3)

Note WIP Status Inquiry does not create cumulative orders.

Logic was improved for the programs as follows:

- When you leave the BOM/Routing field blank in the search frame, the system searches for orders as follows:
  - When you specify a production order or ID, the system ignores the BOM/routing in search criteria.
  - When you do not specify a production order/ID, the system does not use the BOM/routing to filter orders.
- When you leave the BOM/routing blank in the search frame, the system creates cumulative orders as follows:
  - When you specify a production order/ID, the system uses the BOM/routing to create a CUM order.
  - When you do not specify a production order/ID, the system uses the default BOM/routing on the item production line to create a CUM order. The system validates that the BOM/routing are valid codes when it creates the CUM order.

Enhanced Calculation Support for Transferred WIP

The calculation of the value for moved-in quantity that appears in the following functions has been enhanced to better represent the transfer of work-in-process when using Prod Order Accounting Close (16.20.10):

- WIP Status Inquiry (16.13.20.3)
- WIP Status Report (16.13.20.4)

The calculation of the moved-in quantity now considers the beginning quantity when WIP is transferred by Prod Order Accounting Close.

Support for Production Scrap with Average Costing

This Production Orders version now supports average costing for scrap related to production. Production scrap can be recognized for:

- Scrap for a work-in-process quantity from a production order operation queue when using the Production Activity Transaction (16.13.13) or similar transaction
- Scrap for a completed quantity for a production order when using the Production Order Receipt (16.13.1) transaction

Note For a list of Production Orders programs that produce scrap transactions, see “Scrap Transaction Enhancements” on page 18.

When a quantity is scrapped at the output queue or reject queue of an operation, the system scraps it at the value of the operation. When the scrap is at the operation input queue, the system scraps it at the value of the prior operation.

Average Costing and Functions to Process Scrap

Transactions and the valuation of scrap is different when using average costing with functions such as Operation Activity Transaction (16.13.13) to record scrap from an operation queue than when using Production Order Receipt (16.13.1) to record scrap together with the receipt of quantities into inventory from a production order.

In general, when transaction activity is recorded for any operation for a production order, functions such as the Operation Activity Transaction should always be used for recording scrap and receipt of completed quantities from the last operation for that production order.

When transaction activity is never recorded for an operation on a production order, you can use the Production Order Receipt function for a production order only when quantities are not reported for production operations.

Production Scrap and Floor Stock

The value for scrap from a production operation queue includes the value of materials issued or backflushed at operations, together with the value of floor stock. In addition to the scrap transaction, the system now creates an additional floor stock transaction to recognize the cost of floor stock issued to work-in-process for the quantity scrapped, when the value of scrap at an operation includes a floor stock component. This additional floor stock transaction is necessary for the consistent recognition and processing of costs for floor stock by the Prod Order Accounting Close (16.20.10) function.

Production Orders Fixes

The following table lists fixes for Production Orders.

Table 1
Production Orders Fixes

QAD Internal Ticket ID	Description
CRMFG-18661	WIP Valuation Report (16.20.17) no longer encounters and displays Progress errors when you run the report for repetitive orders and set the Cost Set selection criteria for option 2, Cum Order Average. Previously, in this scenario, the report displayed Progress errors.
CRMFG-18681	When processing an item where the site uses average costing in Operation Activity Transaction, the labor now is correctly averaged into the total item cost and averaged correctly through all operations. Previously, in this scenario, the system did not average the labor on the last operation into the time cost.
CRMFG-18721	Prod Order Accounting Close (16.20.10) now correctly processes floor stock for repetitive orders during accounting close. Previously, the system did not include floor stock in inventory or include it in the item cost after you ran the program.
CRMFG-18752	The system now correctly averages labor into the total item cost in Operation Activity Transaction when you process an item where the site uses average costing. Previously, in this scenario, the system posted labor to inventory discrepancy instead of applying labor to the item cost.
CRMFG-18978	Purchase Order Receipts (5.13.1) for subcontracting now posts rate variances and simultaneously updates the database records. The system posts usage variances only when closing the production order. Previously, only the rate variances were posted, and the database routing and production order records were not updated.
CRMFG-19025	The system now correctly reports scrap transactions in Item Browse (3.21.2) after you update scrap amounts through Production Order Collection (.NET UI), save changes, then update scrap transactions a second time. Previously, when you updated a scrap amount in the collection a second time, the system displayed an incorrect scrap transaction quantity.
CRMFG-19034	The system no longer creates a bulk item picklist with blank pick policies. Previously, when pick list lines were not linked to a production order, the system displayed blank pick policies in the picklist.

CRMFG-19042	Production Order Receipts and the Op Activity Transaction (.NET UI) no longer display a Progress error in the Total Qty Field when the quantity is over 1 million. Previously, the field displayed question marks for quantities over that amount.
CRMFG-19045	Memory leaks in production order code were corrected. Specifically, Operation Labor Transaction now correctly updates the database when rate variances are identified during the transaction. Previously, with a labor/burden rate variance, the system created a GL transaction when the variance occurred; however, the rate variance amounts were not recorded into the proper database records due to memory-leak issues.
CRMFG-19059	When you select Transfer Work in Process in Transfer – Prod Order Accounting Close (16.20.10), the program now correctly processes all labor usage variances and method variances before transferring remaining WIP costs from an existing repetitive CUM order to a new repetitive CUM order. Previously, in this scenario, the transfer caused incorrect labor usage variances.
CRMFG-19060	Production Line Allocation Maint (16.1.6) now lets you select additional production lines that have a valid item, site, and production line. Previously, in this scenario, the program would not let you select or enter a valid production line while allocating percentages for additional lines.
CRMFG-19061	The lookup for the Production Seq field in various Production Order programs now correctly displays sequence data for production orders. Previously, the field's lookup was blank, even though you had valid sequence numbers defined for existing production orders.
CRMFG-19068	The system now correctly defaults the setup time from a production line when you add a non-defined item to a production line in production order creation/maintenance programs. Previously, when you edited a production order by adding an item and production line, the setup time was incorrect.
CRMFG-19070	Production Order Routing Maintenance (16.3.6) now correctly creates operation history records and GL transactions when you close an operation. Previously, when the operation had labor feedback reported, the system did not create the record or the transaction.
CRMFG-19075	When the operation is the last operation, the Milestone field is now editable. This lets the system treat the field as a milestone operation. Previously, the field was not editable.
CRMFG-19076	When you reopen a closed production order operation in Production Order Routing Maintenance, the system correctly uses the setup operation history to update the actual setup time. Previously, in this scenario, the system searched for labor setup time for reopened operations.
CRMFG-19077	When you add a production order routing operation when creating an order in a production order maintenance program, the system now correctly sets the Qty Ordered field to equal the quantity in the Qty Start field. Previously, in this scenario, the system set an incorrect value for the Qty Ordered.
CRMFG-19083	Pending PO Shipper Unload (5.13.12.13) no longer displays an error when you unload a purchase order or packing slip. Previously, during the unload, when you unloaded more units for an item than fit into a standard pack and chose to create multiple packs with standard quantities, the system displayed an error.
CRMFG-19086	Transactions Detail Inquiry (3.21.1) no longer displays duplicate data for PO shipper receipts and shipper unload. Previously, in this scenario, a second redundant frame displayed duplicate data with an incorrect quantity change.
CRMFG-19093	Production Order Cost Report (16.20.27) now correctly includes material costs for a repetitive average cost order in the detail section. Previously, the report only displayed the data in the grand total.
CRMFG-19094	The system now correctly declines the quantity (in_qty_all) required when you change the order status from R(eleased) to F(irm). Previously, in this scenario, the system, the quantity required was not correct when you changed the status.
CRMFG-19098	Unposted scrap transactions now correctly populate with the entity, and therefore, they now are included in the unposted transaction register and post to GL. Previously, with a production order with scrap transactions, the entity was missing when you viewed the transaction in Unposted Transaction Browse (25.13.15).
CRMFG-19100	The lookup for the Production Line field in Item-Element Cost Calculation (30.17.10) now correctly displays production lines to peruse. Previously, the lookup displayed product lines.
CRMFG-19107	Prod Order Cost Variance Report (25.13.15) now correctly includes material cost in the Std Cost Rcvd (standard cost received) field for repetitive and discrete orders. Previously, in this scenario, the report excluded the material cost, even though the production order total cost was correct.
CRMFG-19113	Operation Activity Transaction no longer displays an error and correctly processes milestone operations when there is a closed, non-milestone operation before the current processing milestone operation. Previously, the program displayed an error even though the current operation input queue had sufficient quantity to process the current milestone operation.

CRMFG-19118	The system now correctly displays an error, informing you that orders do not meet the minimum production activity threshold when you: • Set the Production Activity Threshold field to R(eleased) in Production Order Control. • Create a subcontract purchase order and combine it with a discrete order with a F(irm) status. • Receive a purchase order. Previously, in this scenario, the system did not display an error, even though the order did not meet the minimum production activity threshold.
CRMFG-19128 CRMFG-19133	The system no longer defaults the setup time from an existing production line when you create a new production line in Item Production Line Maintenance (16.1.4). Previously, the system incorrectly defaulted the setup time rather than set it to zero for a new line. Also, the system no longer defaults the unit hour from a production line or defaults the unit hour to zero in this scenario.
CRMFG-19129	Item Production Line Maintenance (16.1.4) now correctly defaults the Number of Lines field from the production line. Previously, the program defaulted incorrect values, such as zero, for the field.
CRMFG-19132	The system now correctly transfers the beginning quantity from an existing repetitive CUM order to a new repetitive CUM order when you: • Close the existing repetitive CUM order in Prod Order Accounting Close • Set Transfer Work in Process to Yes Previously, in this scenario, the system did not transfer the quantity to the input queue current quantity of the new order's first operation.
CRMFG-19140	When the order has detail allocations in multiple lots, the system now correctly considers the descending sequence when you set the Ascending or Descending field to Descending in Inventory Control (3.24) and set Calculate Backflush for a component in Operation Activity Transaction. Previously, in this scenario, when you set the backflush function, the system issued the wrong quantity for the component.
CRMFG-19167	For average cost orders (discrete and repetitive), the system now correctly calculates scrap. Specifically, the system no longer transfers: • Floor stock to the last operation instead of the operation linked to it when you transfer an average cost repetitive order • WIP quantity to the incorrect operation in a new order when WIP for the quantity that was completed in a previous operation was moved to the input queue of the next operation.
CRMFG-19210	The AS recordOperationActivity API now correctly posts labor when you set Auto Labor to Yes on the routing operation and no labor values pass to the API. Previously, when you used the API to report production in this scenario, the system did not report labor transaction for the last operation of the route.
CRMFG-19228	The system no longer lets you complete a transaction that has restricted settings through an API for AS transactions. Previously, the API for operation activity transaction completed processing of transactions and created transaction history records for transactions that had set restrictions.

Workbenches Enhancements

Workbenches Over-Capacity Issues Corrected in EPEI Leveling

The feature to level production orders using Every Part Every Interval (EPEI) methodology in the Planning and Scheduling Workbenches has been updated so that the required capacity for a production line does not exceed the available capacity during the leveling interval. When the calculated EPEI for an item and number of setups for the item was a non-integer value, the leveling process would sometimes create and schedule orders so that the required capacity exceeded the available capacity. To prevent this, the system now rounds the number of setups for an item down to the nearest integer value before creating and scheduling orders, reducing the total load on a production line and averting the possibility of a negative remaining capacity for a day.

Days on Hand (DOH) Processing Added to Workbenches

This release introduces features that provide visibility of nettable inventory quantity in terms of the projected days on hand (DOH). The DOH calculation determines the number *of working days* that the projected available balance (PAB) can supply demand. It serves as a useful metric for planners, buyers, and materials managers for gaining insight into supply of inventory for critical materials, visibility of potential supply problems, and/or visibility of excess inventory. DOH is determined by subtracting the total net demand —which is demand minus supply—from the projected available balance for each day.

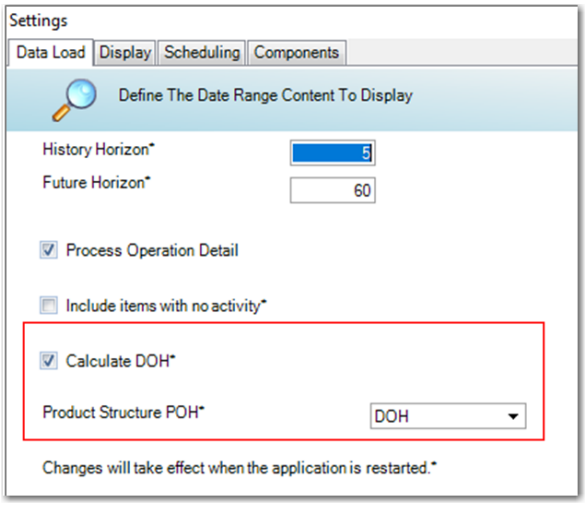
The following topics describe the DOH capabilities in more details. Refer to the Days on Hand chapter of the *QAD Planning and Scheduling Workbenches User Guide*, version 4.2, for detailed information, including examples and calculations.

New DOH Preferences

Two new options were added to the Data Load tab in the workbenches preferences.

- Calculate DOH
- Product Structure POH

Fig. 4 Workbenches Data Load Preferences



Calculate DOH

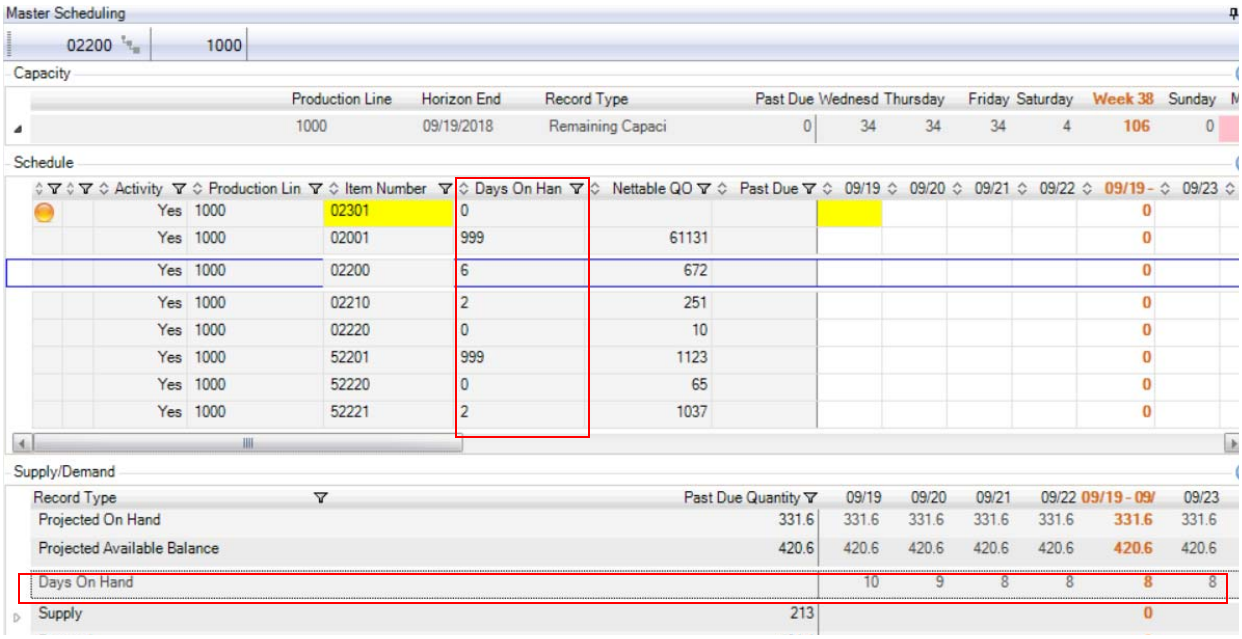
Select Calculate DOH to display the days on hand in the MSW Schedule Grid and in the Supply/Demand Panel. You select *both* Calculate DOH and set Product Structure POH to DOH to display the days on hand in the Product Structure Projected on Hand Panel. You can choose to display the Supply/Demand panel below the MSW Schedule Grid or the Supply/Demand Panel.

DOH data in the MSW Schedule Grid uses a DOH calculation that is based on nettable quantities on hand. Nettable is an inventory status attribute that determines whether Materials Planning includes items when planning.

The Supply/Demand Panel and the Product Structure Projected on Hand Panel use a different DOH calculation. For these panels, DOH calculations are based on projected available balance, not nettable quantities on hand. For detailed calculations, refer to the Days on Hand chapter of the *QAD Planning and Scheduling Workbenches User Guide*, version 4.2.

The DOH calculation determines the number of working days that the projected inventory balance can supply demand. DOH appears as 0 (zero) when there is less than one day of projected available balance. DOH appears as 999 when the projected available balance is greater than the total demand.

Fig. 5



Product Structure POH

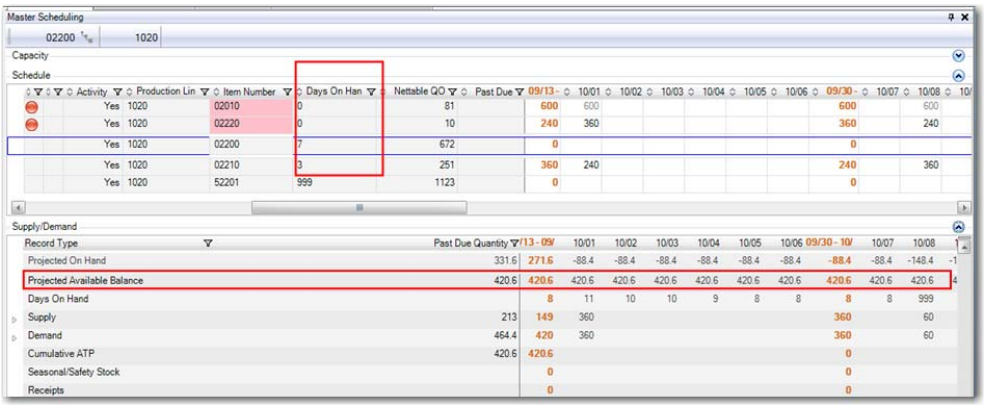
Set Product Structure POH to display either the projected on-hand (POH) quantity or the DOH for component quantities that display for each day within the future horizon in the Product Structure Projected on Hand Panel:

POH: Set this field to POH to display the projected on hand quantities for components of the item of focus in the Schedule Grid. For POH calculations, refer the MSW chapter of the *QAD Planning and Scheduling Workbenches User Guide*.

DOH: Set this field to DOH to display DOH for components of the item of focus in the Schedule Grid. You must also set the Calculate DOH field in the Data Load Preferences so that the system calculates DOH.

When Calculate DOH is selected, you can choose to display the Supply/Demand Panel below the Product Structure components. When you do, the Supply/Demand Panel displays both the POH and DOH for the selected component, even when the projected on hand quantities are display in the Product Structure Projected on Hand Panel.

Fig. 6 Product Structure Projected On Hand Panel



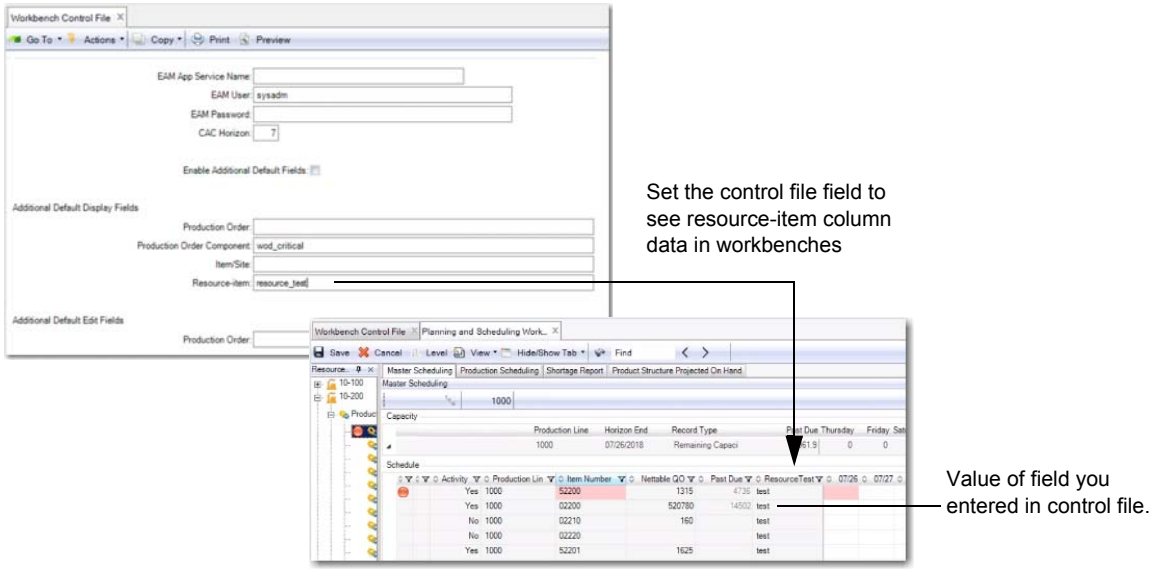
New Resource-Item Data Added to Workbenches

You can now add column data for resource items in the workbenches. A new Resource-item field in the Workbench Control File (22.20.24) lets you add the item data. In the new field, you enter a comma-delimited list of additional default fields to display in the MSW Scheduling Grid.

Example To show resource items in test, you set the Resource-Item field to `resource_test`. You set the resource_test field value to `test`. You save the control file, then start the Workbenches and load data to view the resource-item data in the new column. See Figure 7.

You should complete all steps for adding columns to the workbenches for the example. For detailed information on adding columns to the workbenches, refer to the Personalization Architecture chapter of the *QAD Planning and Scheduling Workbenches Administration Guide.*

Fig. 7 Workbenches Control File, Resource-Item Field



Workbenches Fixes

The following table lists fixes for the Planning and Scheduling Workbenches.

Table 2
Workbenches Fixes

QAD Internal Ticket ID	Description
CRMFG-13188	When the saveWorkOrderInternal API calls validateNewOrder, you can now correctly add a co-, by-,or base order. Previously, calling validateNewOrder prevented you from adding these orders.
CRMFG-15300	The MSW Schedule Grid now correctly displays and lets you select co-/by-order types. Previously, these types only displayed in supporting order relationship panels.
CRMFG-18578	The MSW now correctly refreshes the screen, even when the production line name differs in case (uppercase versus lowercase). Previously, when the same production line existed under both an uppercase and lowercase name, the system failed to refresh the screen.
CRMFG-18667	The workbenches no longer create another joint order set when you create co-/by-orders for a base or co-product item; then, try to save. Previously, in this scenario, the system correctly created a joint set for the product order on the client side, but also created a second joint set when you saved.
CRMFG-18690	The workbenches no longer let co-/by-product orders remain when you undo changes for their base production order. Previously, when you created a base production order and the system created the co-/by-product production orders, the system only reversed the base production order and not the co-/by-orders when you clicked the Undo function.

CRMFG-18692	The system no longer changes the order status to E(xploded) in the workbenches when you change production lines for co-/by-product orders. Previously, in this scenario, the system changed the order status.
CRMFG-18693	The workbenches no longer fail, and now correctly display an error message, when you attempt to save an order to a production line not defined for the item. Previously, when you defined an item for a production line, then attempted to move the order to another line and save, the program crashed.
CRMFG-18702	The system now automatically moves a base order and co-/by-product order to a production line when you have not defined the co/by item, but did define the base item for that production line. Previously, in this scenario, when you changed to the production line not defined for the co-/by-product, the system did not automatically move the joint order set to the line.
CRMFG-18703	When you add co-/by-product order in the MSW, the system now correctly adds the co/-by-product production line data automatically when you have the base item defined for the production line. Previously, in this scenario, the system did not automatically add the base item's production line data, and the program crashed when you attempted to save the co-/by-product order to another production line with an alternative process.
CRMFG-18713	The MSW now correctly displays the BOM code when you create a new order in the MSW Schedule Grid. Previously, in this scenario, when you created the order in Schedule Grid without saving, the newly created order did not have a BOM code.
CRMFG-18716	The system no longer changes the order status when you click on the embedded Production Order Maintenance Order Relationship tab and change data in the either the Adjust Co/By Order Quantities or Adjust Co/By Order Date field. Previously, in this scenario, when the order had a status of E(xploded), A(ctive), R(eleased), or C(losed), the system changed the status to E.
CRMFG-18719	The workbenches now correctly ignore the setting of the Adjust Co/By Order Date field when you modify a base item order date, and they correctly synchronize all other order dates. Previously, the workbenches considered the field and let you set a different order date for base item orders only.
CRMFG-18727	The system now correctly updates the order quantity when you first change the co-/by-process value in the Order Relationships tab. Previously, when you changed the co-/by-process value, the system changed the order status from E to F(irm), but did not update the quantity to match the process value.
CRMFG-18731	The system no longer displays an error message and no longer creates two base item orders when you create an order for a co-product item with a quantity type set to P(ercent) in Process/Formula Maintenance (15.18) or Co/By-Product Maintenance (15.12.1).
CRMFG-18732	The system now correctly creates an order in the workbenches-embedded Production Order Maintenance when a co-product has two base processes on a single production line. Previously, in this scenario, when you created two processes for one co-product, and tied them to a single production line, the system did not create an order.
CRMFG-18733	The system now successfully changes the production line when you define a base item for two production lines; then, change a co-/by-product order from one line to the second line. Previously, in this scenario, when you changed to the second line and saved, the system saved the data, but displayed an error message.
CRMFG-18735	The system now displays the correct warning when you select an order to delete in the workbenches-embedded Production Order Maintenance and you chose to view by grouped production orders. Previously, when you selected a group-by mode, the system displayed a warning that was not related to deleting orders when you attempted to delete an order.
CRMFG-18736	You can now undo a change for a co-/by-product order when an error exists. Previously, when you attempted to delete a co-product order or add a new co/by order set, and clicked the Undo function, the system did not respond.
CRMFG-18738	The system no longer displays an error message when you create multiple co-/by-product order sets for the same base item or different base items on the same due date, then save. Previously, in this scenario, the system displayed error messages.
CRMFG-18740	The Yield field is now read only in the embedded Production Order Maintenance Details tab for all co-/by-product joint orders and order sets. Also, the display-only Yield field is always 100% for items of a co-/by-product order. Previously, in this scenario, you could edit the Yield for co-/by-product or base product orders, and the Yield value was incorrect.
CRMFG-18741	The system now deletes co-/by-product joint order sets. Previously, when you deleted a base order, the system only deleted the co-and by-product order, but left the base item order.

CRMFG-18758	The system no longer displays an error message when you change the base order due date and save in the Workbenches.Previously, when a joint order set contained orders on different due dates, and you changed the base order due date and saved, the system displayed an error message.
CRMFG-18759	The system now correctly creates order for by-products. Previously, when you tried to create an order for a by-product, the system stopped responding.
CRMFG-18768	You can now set the sequence for base order. Previously, you could set the sequence in the workbenches-embedded Production Order Maintenance or the PSW; however, in the MSW, when set a new sequence value, the system replaced it with a 0 (zero).
CRMFG-18769	The workbenches now synchronize the sequence value of co-, by-, and base joint order sets. Previously, When you updated the sequence value to any order of the various types, the system only changed the order you updated and did not automatically synchronize the value to the other orders in the set.
CRMFG-18936	The workbenches now refresh data in the Supply/Demand Summary tab when you update a production order and save. Previously, after updating an order quantity and saving, the system updated quantities in the Component tab but not the Supply/Demand Summary tab.
CRMFG-18937	If a work order is assigned to an alternate routing (with completely different work centers) then it is shown in the work center with the original routing as well as the alternate routing.
CRMFG-18938	Production orders no longer display in alternate work centers. Previously, when you assigned an order to an alternate routing with a different work center, the system displayed the order in the work center with the original routing as well as the alternate routing.
CRMFG-18939	The scheduled quantity in the Capacity Panel now displays correctly when you change a planned order quantity. Previously, when you changed the quantity of a Materials Planning-created order in the workbenches embedded Production Order Maintenance, the system erroneously calculated the value by adding the delta value—that is, the difference between the previous and currently changed value.
CRMFG-19084	You can now use the workbenches built-in leveling functions when your system is set for a European country. Previously, when you set your system’s locale to operate under a European country, then attempted leveling in the workbenches, the system log displayed invalid data format.
CRMFG-19112	The Horizon End Date now displays correctly in the workbenches and is based on the calculated horizon end date from either a production line or work center. Previously, the date was from the future horizon end date, which you set in the Workbenches preferences.
CRMFG-19197	You can now correctly add a new order and enter a quantity on the order in the MSW Schedule Grid. Previously, when you dragged the Product Structure Projected On Hand panel so that it displayed in the MSW Schedule Grid, you could not create an order on your first attempt.
CRMFG-19198	The system no longer displays a red box in the MSW Schedule Grid after you load and select a work center. Previously, in this scenario, internal errors caused the red box to display.
CRMFG-19200	The MSW now creates a production order in the workbenches-embedded Production Order Maintenance; then, go to the Schedule Grid to create an order for another item. Previously, in this scenario, the system did not create the order.
CRMFG-19239	The workbenches now calculate the order quantity only once for the same order ID in the Schedule Grid. Preciously, the workbenches displayed the incorrect quantity at work center level in the Schedule Grid when an item has a routing with the same work center on many operations.
CRMFG-19253	The MSW now correctly calculates the selected item's product structure POH value. Previously, when the cursor was on the Product Structure Project Qty On Hand tab, and you right-clicked to select the Calculate Projected On Hand option, the system did not calculate the POH.

QAD Supplier Portal 13.14

QAD Supplier Portal Version: 13.14

Date: September 28, 2018

Resolved Issues

Inactivating Subscriptions (SV1S-695)

When a user inactivates an account using Admin >> Subscribers >> Subscription >> Inactivate Subscription, QAD Supplier Portal now successfully cancels the account. Previously, the user was not able to cancel the subscription.

ASNs for Scheduled Orders (SV1S-867)

QAD Supplier Portal now prevents users from creating ASNs for scheduled orders that do not have schedule details. Previously, users could create ASNs for scheduled orders that did not have schedule details.

Deleting Inactive POs (SV1S-874)

The Admin functionality for Delete Inactive POs now displays the organization name with the OrgSysID in the Org ID combo box and correctly deletes inactive POs for the selected organization. Previously, the Delete Inactive POs screen did not display the OrgSysID in the Org ID combo box and raised exceptions when users tried to delete inactive POs.

Acknowledgment Status of Purchase Orders (SV1S-879)

QAD Supplier Portal now prevents suppliers from changing the acknowledgment status of purchase orders when the PO Acknowledgment Policy is set to Lock Acknowledgment at supplier level and is set to Do Not Lock Acknowledgment at customer level. Previously, in this scenario, a supplier could change the acknowledgment status of a PO after the acknowledgment was sent.

Uploading Supplier Scheduled Orders (SV1S-881)

Supplier scheduled orders are now successfully uploaded in QAD Supplier Portal. Previously, scheduled orders were not uploaded.

Inactivating Supplier Records (SV1S-882)

QAD Supplier Portal now correctly inactivates supplier records in Admin >> Company>> Supplier Maintenance. Previously, supplier records were not inactivated.

Canceling Subscriptions (SV1S-886)

QAD Supplier Portal now successfully cancels accounts through Admin >> Company >> Cancel Subscription. Previously, users were not able to cancel subscriptions.

Create Date Field in ASNs Menu (SV1S-887)

When an ASN has the Received, Export Confirmed status, QAD Supplier Portal now correctly displays the Create Date field in the ASNs menu.

Previously, in this scenario, the Create Date field in the ASNs menu was blank.

QAD QXtend 1.9

QXtend Inbound

QXI Server Version: 1.9

Date: September 2018

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, 11.7

Supported Java Version: Java 1.6 or higher

QAD QXtend Documentation: *QAD QXtend User Guide* (70-3190-1.9) and *QAD QXtend Installation Guide* (78-0952-1.9)

New and Changed Features

- Previously QXtend Sender License Expiration had the longest expiry date of 31/12/2022 (dd/mm/yyyy). Now the longest expiration date extends to 31/12/2070.
- Operation code fixes are removed from QXtend adapters for 2015 EE and later versions, as they might cause YAB upgrade issues. So fixes for operation code are no longer deployed with QXtend; they are handled by EE patches.

Fixes

Fix Description	Internal ID	Issue Affected Versions
Previously, updating from lower versions to 1.8.8 changed the UIAPI QDocs starting with 'b' to FinAPI. This issue has been fixed.	QXT-1966	1.8+
Previously, if QAD ERP was not on UTF-8, when the UIAPI connection was used for the first time and there was an error in processing, the error message was not returned in the QDoc response. This issue has been fixed.	QXT-1968	1.8.4+
When `mnemonicsRaw` was set to `True`, the QDoc sometimes had an error. This issue has been fixed.	QXT-1982	1.8.8
Previously, if the domain was not supplied, the QDoc was processed but no data in QAD SE was updated. This issue has been fixed.	QXT-1987	1.8.8
Previously, when a session token was provided in the QDoc, it would not be used by QXI. This issue has been fixed.	QXTS-1023	1.8.7+
Previously, when the connection pool was deleted, file under the userRecords directory was not deleted completely. After a restart, Inbound had an error message "QXtendServerStartup.cleanupAPIUsers - ConnectionPool not available" in `catalina.out`. This issue has been fixed.	QXTS-1029	1.8+

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

https://support.qad.com/product_changes/

Known Issue

There is a known Java bug documented on http://bugs.openjdk.java.net/browse/JDK-8189789 (Tomcat gzip-compressed response bodies are broken). In QXtend, this JDK bug affects QDoc processing, the

display of the UI Adapter Connect Test page, and display of wsdl pages. The issue happens in certain combinations of Tomcat and Java; for example, Tomcat 7.0.77 and Java 1.8.0_162. If you run into the issue, you can update Tomcat to 7.0.85 or higher.

QXtend Outbound

QXO Server Version: 1.9

Date: September 2018

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* (70-3190-1.9) and *QAD QXtend Installation Guide* (78-0952-1.9)

Fixes

Fix Description	Internal ID	Issue Affected Versions
Previously, "!ERROR!" was shown in the YAB log file for the step database-qxevents-post-update when QXtend was installed or upgraded. This issue has been fixed.	QXT-1951	1.8.8
Previously, if OpenEdge version was 11.6.3 or lower, and there was null value in array fields, Message Publisher could not publish the data and would cause the error "Unable to infer Temp-Table or dataset schema from JSON Data. (15374)". This issue has been fixed.	QXT-1956	1.8.7+
Previously, YAB update failed sometimes at the step alerts-QXtend-config-update, with an error message "configure subscriberProfileEventType error: invalid subscriber profile" showing in the `QXtendConfiguration.log` file. This issue has been fixed.	QXT-1958	1.8.7+
Previously, the Message Sender caused a high number of reads on the mpt_msg_subs_det table. This issue has been fixed.	QXT-1965	1.8+
QXtend Message Monitor can now display XML when temporary XML is saved on a network drive.	QXT-1970	1.8+
Previously, if the Financial Entity is specified in the UIAPI QDoc session context, it did not get set during QDoc processing. This caused some QDocs to fail. This issue has been fixed.	QXT-1986	1.8+
Qxtend Outbound now sets the default port for an external web service to 443, when the external web service configured for the subscriber uses the HTTPS protocol.	QXTS-990	1.8+
Business objects Item and Item2005 now retrieve Corporate Commodity Code properly.	QXTS-998	1.8+