

QAD Enterprise Applications 2012.1 Enterprise Edition Release Notes

September 2012

QAD Enterprise Applications 2012.1 – Enterprise Edition (QAD 2012.1 Enterprise Edition, or QAD 2012.1 EE) includes product changes made between February 27, 2012, and August 27, 2012.

This is largely a maintenance release, consisting primarily of fixes, rather than a large number of new features or enhancements, although some new features are included, mainly in Enterprise Financials. For detailed information about individual fixes, see the Product Changes & Advisories area on QAD's Online Support Center:

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

Note QAD 2012.1 EE is supported by the latest release of the QAD .NET User Interface. For details, see *QAD .NET User Interface Release Notes*.

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 12 for information.

Feature Changes

AP Advanced Banking

Financials EDI Advanced Banking supports business cases where the bank acts as an intermediary to collect cash from customers. In these cases, the supplier notifies the bank of the invoice or staged payment details (including the amount, due date, and early or late payment conditions) shortly after the invoice is issued to the customer. The bank then starts a process in which a document is issued to notify the customer that the invoice or staged payment must be paid through the bank. An example of EDI Advanced Banking is *Boleto Bancários*, which is a significant payment collection system in Brazil.

In the EDI Advanced Banking process for Accounts Payable, you must quote the supplier reference number (*boleto bancário* number) on payments. Therefore, when you receive the supplier reference number, you must update the invoice or stage accordingly.

If applicable, you can manually include an interest amount on supplier payment lines in Supplier Payment Create or Supplier Payment Selection Create. When you execute the payment selection, the system generates a bank file that includes interest and stage details. EDI eCommerce then sends the resultant file to the bank.

Supplier Payment Reference Modify

A new program, Supplier Payment Reference Modify (28.1.1.13), lets you record the supplier reference number on an invoice or stage.

To update the invoice or stage, you enter the 44-digit supplier reference number in the Payment Reference field of Supplier Payment Reference Modify, where the last 10 digits of the reference indicate the payment amount. You also have the option to use a scanning device to scan in the supplier reference number directly

from the barcode on the printed *boleto bancário*. In this case, the supplier reference number is 47 digits because the barcode includes a three-digit check sum.

When you click the Search button, the system reads the last 10 digits of the payment reference and retrieves invoices and stages with matching payment amounts. When you select an invoice or stage, the Payment Reference field in the grid is populated with the reference number you specified in the Payment Reference field in the header. If you select more than one invoice or stage, the Payment Reference field in the grid is updated for all selected invoices or stages.

When you save the update to the invoice or stage in Supplier Payment Reference Modify, the Payment Reference field on the Financial Info tab of the Supplier Invoice record is updated with the payment reference.

Updating the Interest Amount

You can now manually add interest amounts to normal and staged payments in Supplier Payment Selection Create (28.9.4.1) and Supplier Payment Create (28.9.3.1).

You can apply interest to invoices with staged credit terms using two different approaches:

- You can apply the interest at the staged payment level, and the interest and allocation are rolled up to the invoice line.
- You can apply the interest at the invoice level, and the interest and allocation values are rolled down to the staged payment level and automatically allocated against the first staged payment due.

Posting the Interest

When you add interest amounts to lines on a supplier payment selection, the interest is posted to the general ledger when the supplier payment selection is confirmed. Similarly, if you add interest amounts to lines on a supplier payment created in Supplier Payment Create, the interest is posted to the general ledger when the payment is updated to the Paid status.

The interest is posted to the AP interest account associated with the entity bank account. If no AP interest account is defined, the interest is posted to the AP discount account associated with the entity bank account.

Viewing the Interest

You can view the interest applied to AP payments using new TC Interest Amount columns in the Activity and Payment tabs of the Supplier Activity Dashboard (28.18.1).

Notifying the Bank of Interest and Stage Details

When using payment selections, you must run Supplier Payment Selection Execute (28.9.4.6) to create a file to send to the bank. A new payment attribute, ExportExtended, lets you create a bank file with information on the interest amounts recorded on staged and normal payments, and also includes details on the payment stages.

New Programs for EDI Advanced Banking for AP

Table 1

New Programs for EDI Advanced Banking for AP

Menu	Label	Program
28.1.1.13	Supplier Payment Reference Modify	BCInvoice.PaymentReferenceModify

Modified Programs for EDI Advanced Banking for AP

Table 2

Modified Programs for EDI Advanced Banking for AP

Menu	Label	Program
25.11.1	Payment Format Maintenance	BPaymentFormat.MaintainPayFormat
28.9.3.1	Supplier Payment Create	BCDocument.Create
28.9.4.1	Supplier Payment Selection Create	BPaymentSelection.Create
28.9.4.6	Supplier Payment Selection Execute	BPaymentSelection.Execute
28.18.1	Supplier Activity Dashboard	BCreditor.CreditorInfo

EDI Advanced Banking for Accounts Receivable

EDI Advanced Banking for Accounts Receivable was delivered in the March 2012 release. However, the September 2012 release delivers additional enhancements to this area.

Modifying Lines in Executed Payment Selections

If you need to change due dates or the interest rate on a line in an executed payment selection, you can now use Customer Payment Selection Modify (27.6.6.6) to modify the Initial payment selection. During this process, you must move the cancelled or updated lines to an unexecuted Initial payment selection, and execute the payment selection to inform the bank of the changes.

Adding Lines to Unexecuted Customer Payment Selections

You can now use Customer Payment Selection Modify to add invoices or staged lines to previously created unexecuted customer payment selections.

In Customer Payment Selection Modify, you can use the fields in the Search for Invoices frame to retrieve additional invoices for the payment selection. The additional invoices are then appended to the grid after the lines from the original payment selection. You can then update the Sel field to indicate the new lines that you want to add to the payment selection.

Modifying Lines While Adding to Payment Selections

When you use Customer Payment Selection Modify to add invoice lines or staged invoice lines to a payment selection, you can now modify the interest rate or due date as you add the lines.

Legal Document Number Linked to Customer Invoice

The legal document number is now recorded in the Shipper field of the Operational Info tab of Customer Invoice Modify (27.1.1.2) if the Enable Electronic Legal Doc field is selected in Legal Document Control (7.10.24). The legal document number also displays in the Shipper Number column of Customer Invoice Extended View.

When you add a customer invoice with a linked legal document number to a customer payment selection and then subsequently execute the payment selection, the legal document number is also recorded in the file sent to the bank.

Customer Payment Selection Modify Warning Messages

Customer Payment Selection Modify has been enhanced with additional warning messages.

When you use Customer Payment Selection Modify to transfer modified lines from an executed payment selection to an unexecuted target payment selection, it is recommended that you do not remove the transferred lines from the target payment selection to ensure that your changes are sent to the bank. If you remove a modified line that was previously executed from the unexecuted target payment selection, the system displays a warning message, “You are removing a modified invoice that was previously executed. If you remove the invoice, the change will not be sent to the bank and invoice cannot be included in other payment selections.”

Similarly, if you remove a cancelled line that was previously executed from an unexecuted target payment selection, the system displays a warning message, “If you remove this invoice from the payment selection, the invoice cancellation message will not be sent to the bank.”

When you use Customer Payment Selection Modify to modify an invoice with the status Cancelled that was previously transferred from an executed payment selection, the system also displays a warning message, “You have modified a cancelled invoice. Your changes will not take effect.”

When you use Customer Payment Selection Modify to cancel an invoice with the status Modified that was previously transferred from an executed payment selection, the system displays a warning message. “You have cancelled a modified invoice. Your changes will not take effect.”

When you use Customer Payment Selection Modify to modify a deselected invoice or staged line on an unexecuted payment selection, the system displays a warning message, “You have modified a deselected invoice. Your changes will not take effect.”

Operational Transaction Post and GL Reporting

GL transactions updated by Operational Transaction Post (25.13.7) now include the legal document number, where applicable. Using this new dataset, two new reports have been created to address Brazilian legal reporting requirements: GL Transaction Report—LD and GL Transaction by Account—LD.

New Programs for EDI Advanced Banking for AR

Table 3

New Programs for EDI Advanced Banking for AR

Menu	Label	Program
25.15.7.13	GL Transaction Report—LD	qadsh://menu/invoke?menu-key=A.4&menuitem-key=25.15.7.13
25.15.7.14	GL Transaction by Account—LD	qadsh://menu/invoke?menu-key=A.4&menuitem-key=25.15.7.14

Modified Programs for EDI Advanced Banking for AR

Table 4

Modified Programs for EDI Advanced Banking for AR

Menu	Label	Program
25.13.7	Operational Transaction Post	gluntrex.p
27.6.6.6	Customer Payment Selection Modify	BDPaymentSelection.Modify

QXtend API

The QXtend API has been enhanced to enable you to create supplier invoice and receiver matching records for a logistics accounting pending voucher.

Financial Report Writer

There are two updates to Financial Report Writer for 2012.1.

Financial Report Writer Column Enhancements

The standard layout of printed output can now have 16 columns predefined. Using the Report Resource Designer tool, you can produce reports with up to 99 columns.

Financial Report Writer Column Calculations

In the 2012 release of Financial Report Writer, the inversion of signs in reports took place in the final column after all calculations in the tree had been performed. In 2012.1, the inversion of the sign is applied to the detail balances before calculations are performed and the columns filled. The impact of this change is that if you have a report using sign inversion and calculations, the calculation formulas must be changed for 2012.1. If certain totals have to be calculated with the original sign of the activity, you must invert the sign of that element again in the calculation formula.

Deductions

Deductions, sometimes referred to as short pays, occur when a customer pays less than the amount owed. Reasons for deductions can include rounding differences, reductions due to quality issues, perceived entitlements based on commercial agreements, damaged goods, spoilage, improper packaging or labeling, or any other reason for which a customer may pay less.

You can record two types of deductions in Financials: standard deductions and promotional deductions. Standard deductions are processed entirely in the Financials module. However, you must process more complicated deductions relating to promotions and claims using the Trade Promotion Management (TPM) module. Promotions are agreements with customers to provide discounts for a specified period of time, and allocate funds for promotional activities or offer free goods and services.

Deductions are processed at several different points in QAD Enterprise Applications:

- Record deductions using Customer Payment Create (27.6.4.1), Banking Entry Create (31.1.1), or Petty Cash Create (31.2.1).
- Review deductions using Deduction Review (27.6.16.6), where you can approve or reject deductions. Finding and rejecting invalid or unearned deductions can result in significant savings.
- Manually create credit notes for deductions that are Approved for Credit.
- Adjust credit notes against approved deductions using Open Item Adjustment Create.

- Review claims using the TPM module.

When you record deductions using Customer Payment Create, Banking Entry Create, or Petty Cash Create, you assign characteristics to a deduction using a deduction category. This designates the type of deduction (standard or promotional), the expense account to which the deduction is posted when approved, and whether or not low-value deduction amounts can be written off without review and approval.

During the deduction review process, you can approve or reject a pending deduction. You can perform two types of approvals on pending deductions. You can approve a deduction for expense, where the system writes off the deduction to the account associated with the deduction category. You can also approve a deduction by making it available for adjustment against a credit note. If you reject a deduction, the deduction becomes a due customer invoice.

Deduction Profiles

In order to use deductions, you must define two types of profile: a customer account profile for deductions and a customer deduction daybook profile.

You specify the customer account profile for deductions in the customer record in Customer Create (27.20.1.1) or Customer Modify (27.20.1.2). You associate the customer deduction daybook profile with the entity bank account used for deductions. The system posts deductions you create in Customer Payment Create and Banking Entry Create to the daybook indicated by the profile.

Deduction Suspense Account

When setting up deductions, you must define a Deduction Suspense system account, which is a new type of system account. The Deduction Suspense account is used to transfer the balance from the payment posting to the deduction posting.

Deduction Categories

Use Deduction Category Create (27.6.16.1) to create deduction categories that enable you to assign characteristics to a deduction. The deduction category designates the type of deduction (standard or promotional), the expense account to which the deduction is posted when approved, and whether or not low-value deduction amounts can be written off without review and approval.

You can also use Deduction Category Excel Integration (27.6.16.5) to load deduction categories stored in an Excel spreadsheet.

Deduction and Prepayment Credit Terms

You must set up deduction credit terms by domain using the new Credit Terms Deduction field in the Domain record. When deductions are created, the domain-level deduction credit terms are used instead of the customer's default credit terms. The due date of the deduction is then calculated using the domain credit terms. The credit term you specify for the domain cannot be a staged credit term and cannot include discounts.

Similarly, you must now create prepayment credit terms by domain. When prepayments are created, the domain-level prepayment credit terms are used instead of the customer's default credit terms.

Creating Deductions in Customer Payment Create

Use Customer Payment Create to record deductions using the Customer Payment–Deduction pop-up screen. The process is similar to that for creating prepayments. However, unlike prepayments, you can enter many deductions for a single payment transaction.

When you record a deduction for a payment, a customer invoice of type deduction is created after you save the payment. The system uses the Deduction Suspense system type account to transfer the balance from the payment posting to the deduction posting.

If the deduction category allows automatic write-offs, the system automatically writes off any standard deduction within the specified deduction limits to the account associated with the deduction category. If the category does not allow auto write-off, the status of the line is Pending.

When you click OK in the Customer Payment–Deduction pop-up screen, the system adds a new line to the grid with allocated invoices. You can use the Deduction Details sub-screen of Customer Payment Create to create deductions that have more than one detail line.

When you save the customer payment, a new open item is created in the entity associated with the GL bank account. Using Deduction Review, you can manually allocate the deduction invoice to one or more entities. For promotion deductions, automatic allocation occurs during TPM Claim processing.

Creating Deductions in Banking Entry Create

You can use Banking Entry Create to create deductions for payments from customers. You create deductions using the same process described in “Creating Deductions in Customer Payment Create” on page 7. You can also record deductions in Petty Cash Create.

Recording Deduction Invoice Open Balances

Use Customer Opening Balance Create (27.1.10) to manually create a deduction invoice open item in the sales sub-ledger, and generate postings for customer control accounts. The activity lets you transfer the outstanding open items for a specific customer in detail from an external system to your QAD application.

Deductions and Consistency Checks

When Consistency Checks Execute (25.21.3.1) is run, the balances of the deductions are checked and compared with the deduction control accounts.

Reviewing Deductions

Use Deduction Review to review deductions. You can modify the deduction categories, amounts, and add lines, provided that the total deduction amount stays the same. You can only modify lines with the status Pending or Approved for Credit. Other statuses are read-only.

Approving Deductions for Write Off

In Deduction Review, you can change a Pending deduction to Approved Write-Off. This means that the deduction is written off on an expense account, without the need to create a credit note for the customer.

For lines with the status Approved Write-Off, you must specify the entity code. If the entity you specify in Deduction Review is different than the entity of the deduction open item, the system creates a cross-company journal entry.

Approving a Deduction for Credit

In Deduction Review, you change the status of a Pending deduction to Approved for Credit.

Changing a line to Approved for Credit has no accounting impact. This status indicates that a credit note must be created (manually) for the same amount. When the credit note is created, you can use Open Item Adjustment Create to adjust the credit note against the deduction balance. When the deduction open item is adjusted, the status is automatically updated to Credited and the deduction is closed.

Note If a deduction does not have the Approved for Credit status, you cannot adjust it in Open Item Adjustment Create.

Rejecting a Deduction

In Deduction Review, you can change the status of a Pending or Approved for Credit line to Rejected. The system creates a new recharge invoice posted to the daybook associated with the deduction category. Lines that were previously Auto Write-Off, Credited, or Rejected become read-only. When all lines have one of these statuses, the deduction balance becomes zero and the deduction is closed.

Rejected deduction invoices display as normal customer invoices in the Customer Statement of Account report and the Reminder Letter report with a deduction status. The Deduction Status column on the reports is always blank for non-deduction invoices.

Deductions in Reports and Views

Pending deduction invoices are included in the Customer Open Item report (27.17.1), the Customer Open Item Basic report (27.17.15), the Customer Statement of Account report (27.17.19), the Customer Aging reports, and the Reminder Letter report (27.17.10).

You can view deduction invoices in the Activity tab, Invoices tab, and Payments tab of the Customer Activity Dashboard (27.18.1).

New Programs for Deductions

Table 5
New Programs for Deductions

Menu	Label	Program
27.6.16.1	Deduction Category Create	BDeductionCat.Create
27.6.16.2	Deduction Category Modify	BDeductionCat.Modify
27.6.16.3	Deduction Category Delete	BDeductionCat.Delete
27.6.16.4	Deduction Category View	BDeductionCat.View
27.6.16.5	Deduction Category Excel Integration	BDeductionCat.ExcelIntegration
27.6.16.6	Deduction Review	BDInvoice.ChangeDeduction

Modified Programs for Deductions

Table 6
Modified Programs for Deductions

Menu	Label	Program
25.3.13.1	GL Account Create	BGL.Create
25.3.13.2	GL Account Modify	BGL.Modify
25.3.13.3	GL Account View	BGL.View
25.3.13.4	GL Account Delete	BGL.Delete

Menu	Label	Program
25.3.13.5	GL Account Excel Integration	BGL.ExcelIntegration
25.13.5	Open Item Adjustment Create	BOpenItemAdjustment.Create
25.21.3.1	Consistency Checks Execute	BConCheck.Create
27.1.10	Customer Opening Balance Create	BDebtorOpenBalance.Create
27.6.4.1	Customer Payment Create	BDDocument.Create
27.6.4.2	Customer Payment Modify	BDDocument.Modify
27.6.4.3	Customer Payment View	BDDocument.View
27.17.1	Customer Open Item Report	BDebtorReport.DebtorOpenItems
27.17.6	Customer Aging Analysis Current	BDebtorReport.DebtorAgeingAnalysisCurrent
27.17.7	Customer Aging Analysis History	BDebtorReport.DebtorAgeingAnalysisBackwards
27.17.8	Customer Aging Analysis by Grp Current	BDebtorReport.DebtorAACGroup
27.17.9	Customer Aging Analysis by Grp History	BDebtorReport.DebtorAABGroup
27.17.10	Reminder Letter Report	BDebtorReport.DebtorReminders
27.17.15	Customer Open Item Basic Report	BDebtorReport.DebtorOpenItemsQuick
27.17.19	Customer Statement of Account Report	BDebtorReport.DebtorAccountState
27.18.1	Customer Activity Dashboard	BDebtor.DebtorCreditInfo
27.20.1.1	Customer Create	BDebtor.Create
27.20.1.2	Customer Modify	BDebtor.Modify
27.20.1.3	Customer View	BDebtor.View
27.20.1.4	Customer Delete	BDebtor.Delete
31.1.1	Banking Entry Create	BBankEntry.Create
31.2.1	Petty Cash Create	BCashBox.Create
36.1.1.1.1	Domain Create	BDomain.Create
36.1.1.1.2	Domain Modify	BDomain.Modify
36.1.1.1.3	Domain View	BDomain.View
36.1.1.4.1	Profile Create	BProfile.Create
36.1.1.4.2	Profile Modify	BProfile.Modify
36.1.1.4.3	Profile View	BProfile.View
36.1.1.4.4	Profile Delete	BProfile.Delete

Extension of Transaction Number Field Length

To accommodate the requirements of customers who generate a large volume of inventory transactions, a QAD 2012.1 EE schema change increases the length of the Trans (tr_trnbr) field in the Inventory Transaction History (tr_hist) table from 8 characters to 10. The maximum value of that field is now 9999999999. The associated sequence definition has been updated to restart when the new maximum is exceeded.

Other fields that store the value from tr_trnbr have been similarly changed. The following table lists the fields that have been modified.

Field	Table	Field	Table
cncix_ship_trnbr	cncix_mstr	TrNbr	BatchPickD
cncud_ship_trnbr	cncud_det	TrNbr	BatchPickM
cncu_trnbr	cncu_mstr	TrNbr	BulkPickD
cnsix_receipt_trnbr	cnsix_mstr	TrNbr	BulkPickDH
cnsud_receipt_trnbr	cnsud_det	TrNbr	EngineH

Field	Table	Field	Table
cnsu_trnbr	cnsu_mstr	TrNbr	EngineW
ied_trnbr	ied_det	TrNbr	TranD
ieh_trnbr	ieh_hist	IssTrNbr	TranD
kbtrd_tr_trnbr	kbtrd_det	RecTrNbr	TranD
trcs_trnbr	trcs_det	TrNbr	TranH
trgl_trnbr	trgl_det	IssTrNbr	TranH
tr_trnbr	tr_hist	RecTrNbr	TranH
wlt_trnbr	wlt_mstr	TrNbr	TranW
kia_trnbr	kia_mstr		

Program changes throughout Enterprise Edition allow for this new field length in maintenance, processing, browse, reporting, and display functions.

Updating EDI eCommerce Document Definitions

If you use EDI eCommerce, you may need to adjust a value in your exchange and application document definitions to allow for the new transaction number field length.

In the document definitions, the user specifies the field name and the Maximum Size (in characters) that the value can be for the field. If the value being processed is greater in length than the maximum size specified, the document fails during processing.

Because the maximum value of tr_trnbr was 99999999, the maximum length value that is specified for this field in the document definitions is 8. With the new 10-character field (maximum value 9999999999), all EDI document definitions that include a maximum value of 8 for tr_trnbr must be increased to 10.

Additional New Fields

Fields have been added to some programs to enhance functionality or improve performance. These include:

- In Manual Ack Resolution (35.22.1), the Purchase Order field lets you manually confirm acknowledgements for a specified EMT purchase order that has not previously been acknowledged.
- When sales order line tracking is enabled in Change Tracking Maintenance (36.2.22), Sales Order Maintenance (7.1.1) now displays Reason Code and Comments fields when you delete the entire sales order from the header level.
- A new Print ISB Details field in Invoice Post and Print (7.13.4) lets you include information about ISB updates on the invoice post report. The field is also available in other programs that let you post invoices, including Pre-Shipper/Shipper Confirm (7.9.5), Pre-Shipper/Shipper Auto Confirm (7.9.7), and Shipper Unconfirm (7.9.21).

Installation and Conversion Updates

QAD Deployment Toolkit (QDT) and EE Configuration

RAM Disk

QDT now supports the writing of temp files to a RAM disk during Enterprise Edition for Progress and Oracle configuration. Use of a RAM disk can greatly accelerate the configuration process by taking advantage of the inherent speed offered by this type of memory.

Database Type

QDT now has a Database Type pull-down menu. This menu is used to change the database type to Oracle during Enterprise Edition for Oracle installation. The default database type is Progress.

Independent Database Locations (Progress)

QDT now allows you to specify different locations for the individual production databases during Enterprise Edition for Progress configuration. Previously, you could select the database locations, but QDT placed them all in a designated directory. QDT will continue to place empty databases in the db directory.

Multiple Database Locations (Oracle)

QDT now provides limited support for multiple database locations by allowing you to specify the production schema holder location during Enterprise Edition for Oracle configuration. However, you cannot change the locations of the Oracle data files within QDT. You should use the Oracle DBCA tool to determine the locations of these files.

Conversion/Upgrade

UI-Only Upgrades

There is no need to perform a UI-only upgrade from QAD Enterprise Edition 2012 to 2012.1 because the .NET UI version did not change between the two releases. If you need to apply a UI patch, follow the instructions included with the patch.

New Utility Field Label

The Conversion Parameters Utility (`utfinpar.p`) field label Management Currency was changed to Reporting Currency. This change applies to Enterprise Edition for Progress and Oracle.

Known Issues

QAD 2012.1 EE for Progress has the following known conversion/upgrade issue:

- Progress 10.2B is required for Enterprise Edition 2012.1. During the `prout11` stage of the database upgrade, the database is enabled for 64-bit sequences. If the 64-bit sequences are already enabled, an error message to this effect appears in the log. QDT ignores this message and the processing continues.

In the Early Adopter release of QAD EE for Oracle, there are functionality limitations in two areas:

- Budgeting functions are not available.
- Financial Report Writer is not supported.

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 2012.1 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 2012 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 2012.1 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

- Multiple-tier installation through QAD Deployment Toolkit (QDT) is not supported.
- 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 2012.1 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 2012.1 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 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.

