

# QAD Enterprise Applications 2010 Enterprise Edition Release Notes

## March 2010

QAD Enterprise Applications 2010 – Enterprise Edition (QAD 2010 Enterprise Edition, or QAD 2010 EE) includes a number of new features added between September 4, 2009, and February 24, 2010.

This document describes changes in the following areas:

- Enhancements with Potential Compliance Impacts
- Financial Updates
- Operational Updates
- System Administration Updates
- Installation and Conversion Updates
- Documentation Updates

**Note** QAD 2010 Enterprise Edition is supported by the new version 2.9 of the QAD .NET User Interface, which offers numerous new features and enhancements. 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 15 for information.

## Enhancements with Potential Compliance Impacts

Product changes sometimes can affect the activities of customers in regulated environments. These companies may need to comply with Current Good Manufacturing Practices (cGMP), requirements of the Sarbanes-Oxley Act (SOX), regulations related to security-related aspects of the product’s System Administration functions, and so on. Implementing changes in Enterprise Edition may require them to revalidate some of their processes and procedures, either internally or based on external guidance.

Enhancements offered by QAD 2010 Enterprise Edition do not affect core processing in such areas as work order release, financial controls, or security access methods. However, you should consider specifically reviewing some new features (shown in the following table).

**Important** This document is limited to summaries of new product features. For in-depth descriptions of individual fixes within the release that may impact functionality on lower levels, please consult the ECO listings for this release on support.qad.com.

**Table 1**  
Software Enhancements With cGMP Impact

Area	Feature Change	Menu	cGMP Impact
Legal Documents (see page 8)	When you terminate shipper generation in Sales Order Shipments, the system now rolls back the corresponding inventory movement.	Sales Order Shipments (7.9.15)	Inventory Transaction

## Financial Updates

This release updates Enterprise Financials in several areas, improving the product both in core Financials functions and in supporting the requirements of international customers. The following topics summarize the key enhancements.

### Customer and Supplier Bank Number Excel Integration

Customer Bank Number Excel Integration (27.20.1.8) and Supplier Bank Number Excel Integration (28.20.1.7) include a new Load Bank Numbers option in the right-click menu in the grid to load all existing customer or supplier bank numbers. You can use this facility to make mass updates to customer or supplier bank numbers; for example, you can change the own bank number of a cross-section of customers within a single update.

A new grid field, Existing Record, lets you determine whether an existing bank number record modified using Bank Number Excel Integration updates an existing record or creates a new bank number record.

If you modify an existing bank number record in the grid and leave the Existing Record field selected, the system tries to locate a unique bank number record to update that has the same key identifier values as the record modified in the grid. If the system locates a single matching record, it saves the change as a modification to the existing record. If you modify an existing bank number record in the grid and clear the Existing Record field, the system saves the change as a new bank number record.

#### Modified Programs

Table 2 lists the modified Bank Number Excel Integration programs.

**Table 2**  
Modified Programs for Bank Number Excel Integration

Menu	Label	Program
27.20.1.8	Customer Bank Number Excel Integration	BBankNumber.CustomerBankNumberExcelIntegration
28.20.1.7	Supplier Bank Number Excel Integration	BBankNumber.SupplierBankNumberExcelIntegration

### Reference Field in Supplier Payment Selections

When creating a new prepayment in Supplier Payment Selection Create, you can enter a reference for the prepayment in the Reference field. This field was previously labelled External Number, and was read-only.

The Reference field is only editable when creating new prepayments. It lets you distinguish between prepayments if the same supplier has several prepayments relating to different orders.

#### Modified Programs

Table 3 lists the modified Supplier Payment Selection programs.

**Table 3**  
Modified Programs for Supplier Payment Selection

Menu	Label	Program
28.9.4.1	Supplier Payment Selection Create	BPaymentSelection.Create
28.9.4.2	Supplier Payment Selection Modify	BPaymentSelection.Modify
28.9.4.3	Supplier Payment Selection View	BPaymentSelection.View
28.9.4.4	Supplier Payment Selection Delete	BPaymentSelection.Delete

## IC Declaration Reports

The Quarterly IC Declaration by Business Relation report (29.6.3.3) and the Quarterly IC Declaration by Transactions report (29.6.3.4) have been renamed to the IC Declaration by Business Relation report and the IC Declaration by Transactions report respectively.

A new Sub-Total By field has been added to the report selection criteria, which lets you generate separate report sub-totals by tax box, tax group, or tax type. You also have the option to suppress the display of sub-totals on the reports by setting the Sub-Total By criterion to None.

### Modified Programs

Table 4 lists the modified report programs.

**Table 4**  
Modified Programs for IC Declaration Reports

<b>Menu</b>	<b>Label</b>	<b>Program</b>
29.6.3.3	IC Declaration by Business Relation	BVATReport.VATQuarterTran
29.6.3.4	IC Declaration by Transactions	BVATReport.VATQuarterDet

## Drill-Downs in GL Transactions View Extended and Trial Balance View

GL Transactions View Extended and Trial Balance View have been enhanced with the following additional drill-down capabilities:

- **Cross-Company GL Transactions**  
Opens the GL Account Browse for Cross-Company GL Transactions.
- **View Journal Entry**  
Opens Journal Entry View in a separate window and displays the postings for the transaction.
- **View Banking Entry Transaction**  
When you select a GL transaction for a banking entry, the system opens a separate Banking Entry View window that displays the specific banking entry you selected. The option to view the source detail is also available for customer and supplier invoices, customer and supplier payments, receiver matchings, petty cash, and banking entry transactions.
- **View Petty Cash Transaction**
- **View Customer Invoice**
- **View Supplier Invoice**
- **View Customer Payment**
- **View Supplier Payment**
- **View Receiver Matching**
- **View Inventory Transactions Detail Inquiry**  
When you select a GL transaction for an associated operational inventory control transaction, the system opens the Inventory Transactions Detail Inquiry, which displays details on the original inventory transaction.
- **View Operational Transactions Detail Inquiry**  
When you select a GL transaction for an associated operational work order transaction, the system opens the Operational Transactions Detail Inquiry, which display details on the original work order transaction.
- **Force Publish**

Publishes a business event for the selected transaction. A business event in this case is any modification to a Financials business object; for example, create, modify, or delete. By publishing the event, the system ensures that the update is passed to the QXtend Outbound database and replicated to other instances of Financials or third-party applications. This facility eliminates the need for the other applications to extract the data directly from the Financials database.

The following drill-down option is unique to the Trial Balance View:

- GL Transactions-Details  
Opens the Posting Browse for GL Transaction details.

## Modified Programs

Table 5 lists the modified view programs.

**Table 5**  
Modified Programs for View Drill-Downs

Menu	Label	Program
25.15.2.9	Trial Balance View	BGL.GLGOTOTrialBalance Select
25.15.2.10	GL Transactions View Extended	BGL.GLGOTOPostingLine SelectExt

## Enhanced Journal Entry Excel Integration

The validation for Journal Entry Excel Integration has been enhanced to prevent you from loading postings for accounts that do not accept manual postings; for example, control accounts, customer and supplier payment accounts, inventory accounts, WIP accounts, and purchase order receipt system type accounts.

A new Excel integration function has been introduced, Journal Entry Excel Integration Repair (25.13.1.18). Your system administrator can use this tool to repair existing inconsistencies between control accounts and their related sub-ledgers. In Journal Entry Excel Integration Repair, the GL account validation is unrestricted, and it is possible to post to control accounts without posting to the corresponding sub-ledger. It is important to restrict user access to this tool because it can create inconsistencies between GL control accounts and the sub-ledgers. Journal Entry Excel Integration Repair must only be used to rectify existing inconsistencies in the system.

## New Program

Table 6 lists the new Excel integration program.

**Table 6**  
New Program for Journal Entry Excel Integration Repair

Menu	Label	Program
25.13.1.18	Journal Entry Excel Integration Repair	BJournalEntry.JournalEntryExcel IntegrationRepair

## Modified Program

Table 7 lists the modified Journal Entry Excel Integration program.

**Table 7**  
Modified Program for Journal Entry Excel Integration

Menu	Label	Program
25.13.1.6	Journal Entry Excel Integration	BJournalEntry.ExcelIntegration

## Payment Selection in Supplier Payment View

The Supplier Payment View now includes a new column, which displays supplier payment selection codes.

### Modified Program

Table 8 lists the modified view.

**Table 8**

Modified Program for Supplier Payment View

Menu	Label	Program
28.9.3.3	Supplier Payment View	BCDocument.View

## New Fields in Customer and Supplier Dashboards

The Customer Activity Dashboard includes a single new grid field for base currency in the Activity, Invoice, and Payment tabs. The Base Currency field displays the base currency of the domain in which the invoice or payment was created.

The Supplier Activity Dashboard includes two new grid fields in the Activity, Invoice, and Payment tabs. The Registration Number field displays the invoice registration number, which identifies all supplier invoices and credit notes in the system, and is an automatic number generated by entity and year. The second new grid field displays the base currency.

### Modified Programs

Table 9 lists the modified dashboard programs.

**Table 9**

Modified Programs for Customer and Supplier Activity Dashboards

Menu	Label	Program
27.18.1	Customer Activity Dashboard	BDebtor.DebtorCreditInfo
28.18.1	Supplier Activity Dashboard	BCreditor.CreditorInfo

## Revalue Cross-Company Control Accounts

You can now include cross-company control accounts in revaluations. To include cross-company control accounts with open items denominated in a foreign currency, select the Balance Sheets field in the Revaluation Scope group box of Revaluation Simulate (25.21.1.1) or Revaluation Post (25.21.1.5).

### Modified Programs

Table 10 lists the modified revaluation programs.

**Table 10**

Modified Programs for Revaluation

Menu	Label	Program
25.21.1.1	Revaluation Simulate	BRevaluation.Simulate
25.21.1.2	Revaluation Modify	BRevaluation.Modify
25.21.1.5	Revaluation Post	BRevaluation.Post

## Credit Limit on Customer Aging Reports

The four accounts receivable customer aging reports now display the customer's credit limit.

## Modified Programs

Table 11 lists the modified customer aging report programs.

**Table 11**

Modified Programs for Customer Aging Reports

<b>Menu</b>	<b>Label</b>	<b>Program</b>
27.17.6	Customer Aging Analysis Current	BDebtorReport.DebtorAgeing AnalysisCurrent
27.17.7	Customer Aging Analysis History	BDebtorReport.DebtorAgeing AnalysisBackwards
27.17.8	Customer Aging Analysis by Grp Current	BDebtorReport.DebtorAACGroup
27.17.9	Customer Aging Analysis by Grp History	BDebtorReport.DebtorAABGroup

## GL Cross-Company Transactions View

A new view, GL Cross-Company Transactions View, has been introduced, which lets you view cross-company transactions.

### New Program

Table 12 lists the new GL Cross-Company Transaction View program.

**Table 12**

New Program for Cross-Company Transactions View

<b>Menu</b>	<b>Label</b>	<b>Program</b>
25.15.2.11	GL Cross-Company Transactions View	BGL.GLGotoCrossCy Transactions

## Prevent Allocation of Banking Entry to Payment with Later Date

Previously, it was possible to allocate a banking entry posted in one GL period to a payment posted in a later GL period. As a result, it was not always possible to reconcile the payment account with the total of the For Collection payments.

The system has been enhanced to prevent you from allocating a banking entry to a payment if the posting date of the payment is later than the posting date of the banking entry.

## Modified Programs

Table 13 lists the modified banking entry programs.

**Table 13**

Modified Programs for Banking Entry

<b>Menu</b>	<b>Label</b>	<b>Program</b>
31.1.1	Banking Entry Create	BBankEntry.Create
31.1.2	Banking Entry Modify	BBankEntry.Modify
31.1.5	Banking Entry Allocate	BBankEntry.Allocate

## GL Report Writer Control

GL Report Writer Control includes a new field, Display Acct with Zero Balance, that controls the display of accounts not used in transactions when you run your custom GL report using Run Report (25.21.17).

## Modified Program

Table 14 lists the modified GL Report Writer program.

**Table 14**  
Modified Program for GL Report Writer

<b>Menu</b>	<b>Label</b>	<b>Program</b>
25.17.24	GL Report Writer Control	grgrpm.p

## Bank Payment Format Drivers

Bank payment format drivers are provided with the system to support international inbound/outbound file format requirements. The following new bank drivers have been provided in this release. To request a bank driver, please email your request to QAD Support.

## New Programs

Table 15 lists the new bank driver programs.

**Table 15**  
New Bank Payment Format Drivers

<b>Country</b>	<b>Driver Name</b>	<b>Program</b>
EU	SEPA (UNIFI) Bank Driver	SEPA
Spain	AEB19	AEB19-AR
Spain	AEB58	AEB58-AR

## Periodic Costing Fields

The Financials UI contains some fields added in preparation for periodic costing functionality due in a later release.

The Daybook Type field in Daybook Create contains a new daybook type, Periodic Costing.

Entity GL Period Modify contains a new Periodic Costing check box used to open and close the periodic costing sub-ledger to posted transactions. The field is currently read-only.

The menu contains a new Mass Layer Transfer-PC Execute option, which lets you move non-final periodic costing calculations from the transient layer to the official or management layers. This function will be fully implemented when periodic costing functions are added later.

## New Programs

Table 16 lists the new program.

**Table 16**  
New Program for Periodic Costing

<b>Menu</b>	<b>Label</b>	<b>Program</b>
25.13.12	Mass Layer PC-Transfer Execute	BMassLayerTransfer.PC-Transfer

## Modified Programs

Table 17 lists the modified programs.

**Table 17**

Modified Programs for Periodic Costing

Menu	Label	Program
25.4.2.1	Entity GL Period Modify	BPeriod.ModifyAccountingYear
25.8.1.1	Daybook Create	BJournal.Create
25.8.1.2	Daybook Modify	BJournal.Modify
25.8.1.3	Daybook View	BJournal.View
25.8.1.4	Daybook Delete	BJournal.Delete

## Operational Updates

### Support for International Legal Document Requirements

QAD 2010 Enterprise Edition includes several more enhancements in the Legal Documents area:

- Item Master Maintenance now lets you specify the fiscal class, which is a mandatory tax code defined by the Brazilian government to help identify materials and determine their corresponding tax rates. Currently, this Brazil-specific field is used as supplementary information about an item for reference only and does not affect tax calculations in GTM.
- You can now print Brazil-specific trailers maintained in Sales Order Maintenance using Legal Document Print. When legal document format is 51 (Brazil), three freight types are currently supported: total freight, insurance amount, and other accessory expenses.
- When the legal document is enabled, specifying Legal Document Max Items in Document Format Maintenance now limits the number of item lines allowed in a single shipping transaction.
- In this release, you can control the value and status of Consolidation of Invoice in Pre-Shipper/Shipper Confirm by setting Separate Invoices for Each Shipment in Container/Shipper Control.
- When you terminate shipper generation in Sales Order Shipments, the system now rolls back the corresponding inventory movement. Note that this enhancement may have a compliance impact. See “Enhancements with Potential Compliance Impacts” on page 1.

### Enhancements to QAD Reporting Framework

The infrastructure that supports reporting from operational and financial functions has been improved in several areas.

- The report template logic has been enhanced to support inheritance of top-level properties from templates, which is useful for scenarios where you want to control paper size and margins using a central template. For example, Letter paper reports can all be switched to A4 with one template change.
- Case-insensitive grouping is now supported.
- Group sections can now inherit template classes from other types of template sections. For example, a GroupHeader section can now inherit from a template PageHeader section class.
- The Report Resource Designer has been enhanced to allow metadata export, data export, and data import from a file. On the toolbar, choose Actions and click Export Metadata, Enable Data Export, or Enable Data Import. This feature is very useful for testing and troubleshooting. For instance, you can now supply test data from an XML file for testing without having to create the specific types of test data in the system database.

- For Label fields, the Reporting Framework can now intelligently select from short, medium, and long translated labels in the system. Alternatively, you can explicitly specify which type of label to use for a particular field, including stacked labels. The previous release of the Reporting Framework only supported long labels.
- You can now convert an integer in a calculated field into the words for that integer. For example, the integer 123 can be converted into the text string “one hundred and twenty three.” In the Properties window, when editing a field, add an N the Text setting. For example, change `#{Sales Order}` to `#{Sales Order}N`.
- You can now include the base currency on the report. To do so, in the Report Designer, in the Data tab’s Report Settings, click on the `sys_base_currency` parameter and include it anywhere on the report.
- Previously, logical values in reports were rendered as Yes or No rather than True or False. In this release, the reports now display the appropriate labels for the logical values as defined in the metadata. For example, the logical values will be True or False, or Debit or Credit, depending on what label is appropriate for the logical value.

## EMT Enhancements

Enterprise Material Transfer (EMT) functionality has been enhanced to help users view and select inventory from other domains to fill sales order demand.

### Enhanced EMT Order Entry

The EMT sales order entry process has been enhanced with the following capabilities:

- Clicking the site browse icon now brings up the Available Quantities browse, which provides you with cross-domain inventory visibility into lower-level SBU sites within the same database. You can view detailed inventory information about an EMT item in the browse, including Qty on hand, Qty on order, and Available-to-allocate quantity.
- In the EMT pop-up, specifying a SBU site in the Site field automatically populates the Supplier field with the corresponding supplier.
- After you specify a supplier, the system checks if the supplier has been properly set up for EMT processing, such as whether the supplier is active and its data setup is complete, and for a cross-domain SBU site, whether the site has been set as an external supplier in the PBU domain. Previously, the system did not check the validity of supplier data for EMT processing.

The Available Quantities browse currently has the following limitations:

- The browse now only provides cross-domain inventory visibility into one level down the supply chain and within the same database.
- You cannot use this feature for cross-referenced items. To gain cross-domain visibility for an EMT item, the supplier item created at the SBU site must use the same item number as the one created at the PBU site.

### EMT Network Report

A new EMT Network Report is now available for you to view detailed EMT and EDI setup information for an EMT item.

## New EDI eCommerce Features

This release includes several new EDI eCommerce features.

## New Repository Collection

In the QAD .NET UI, you can now use Maintain eCommerce Repository Data to view and update EDI eCommerce repository and status records from a single workbench-style access point. Previously, you were required to look up cross-references between sequence numbers and view or maintain repository records from separate menu-level programs.

In the initial browse window, use standard .NET UI filtering functions to limit the selection of documents displayed by process date, status, document direction, trading partner ID, and several other criteria. Next, select a record from the main browse window. The system populates the Sequence ID field in each of the five associated programs (shown as tabs below the browse window) based on the selected record.

After selecting a record, you can use the workbench functions to:

- View status and processing messages in either the exchange or application repository. This is similar to the standard Exchange Doc Status Inquiry and Application Doc Status Inquiry programs, with some added functionality: You also can update the Passed/Failed status in either repository. Additionally, you can select an Ignore field, which makes the document unavailable for reprocessing through either the workbench Document Reprocess program or the menu-level Import Reprocessing/Export Reprocessing programs.
- Modify information in the associated exchange or application repository document. The two workbench repository maintenance programs are very similar to the menu-level Exchange Data Repository Maint and Application Data Repository Maint functions. The main difference is that the workbench programs display less read-only data because it is available in the main browse window.
- Reprocess the updated records in both repositories using values that you have updated in the other programs. This is similar to the menu-level Import Reprocessing and Export Reprocessing functions. Note that reprocessing only takes place on the repository level. To re-import or re-export a file, use Document Import (35.1) or the appropriate program—based on the document type—from the Document Export menu (35.4).

## Transformation Map Editing

New editing functions have been added to Transformation Definition Maintenance (35.15.17). You can now update transformation event records—along with several other related actions—without deleting and re-entering them.

The functions include:

- Edit Current Record. Use this option to update a transformation map event. You can change the event type, qualifier, target, source, and sequence. If the event action calls a function, you can reset the parameter values or change to a different function.
- Delete Block. In this option, specify a range of event sequence numbers to be deleted from the current record.
- Create Gap. Use this option to create a gap of a specified length in sequence numbers after the selected event and renumber the subsequent events. For example, if focus is on event action sequence 60 and you set the Create Gap Of field to 100, the system adds 100 to all the subsequent events in the current record. So, if the next sequence numbers were 70, 80, 90, the system would set the sequence numbers for the record to 60, 170, 180, 190, and so on.
- Renumber. This option performs the same function as Transformation Renumber Utility (35.17.3). The system prompts you for an Interval—the new starting sequence number for each record in the transformation map, as well as the increment between event sequences. For example, if you set Interval to 5, the system rennumbers the events in each record as 5, 10, 15, 25, 35, and so on.

- **Copy Block.** Use this function to copy a specified range of event actions to the current transformation map or any other map in the system.

The new functions are available from both user interfaces:

- In QAD .NET UI, choose an option from the Actions menu.
- In the character UI, use the appropriate keyboard shortcut:
  - Edit Current Record: Esc-e
  - Delete Block: Esc-d
  - Create Gap: Esc-g
  - Renumber: Esc-r
  - Copy Block: Esc-c

### Document Definition Creation Program

You can use the new Create eCommerce Doc Definitions program (35.15.4) to:

- Copy an exchange file, application, or implementation definition to create one or more definitions of the same or another type.
- Create one or more document definitions based on:
  - A temp-table definition in Progress syntax from either Progress source code (.p or .i file) or a .txt file
  - An XML document (.xml file)
  - An XSD document (.xsd file)

Previously, you could only create definitions by loading a trading partner library entry, creating a definition record manually, or copying an existing definition to create another of the same type,

### Enhanced Kanban Workbench Functionality

Two new .NET kanban workbenches have been added to replace the functions of the HTML-based Kanban Workbench. Kanban Sizing Workbench and Kanban Process Workbench offer similar functionality while taking advantage of native .NET features to provide a much easier-to-use interface. Additionally, the new workbenches feature significantly improved performance.

**Note** Like Kanban Workbench, the new functions are available only through the QAD .NET UI—not the character interface.

The new workbenches include the following major improvements over Kanban Workbench:

- A Search frame lets you select records using flexible .NET UI filtering tools, instead of simply entering values in a fixed number of selection criteria fields. Additionally, you can filter on different criteria in each workbench, so record selection in Kanban Process Workbench is very specialized.
- After you set up filters, an alternative Navigation panel offers a tree-structure view of the available records. You can click on nodes to further refine the list shown in the grid.
- Like Kanban Workbench, the new workbenches offer the option of viewing and updating data in an Excel-style spreadsheet interface, but in a more efficient layout.
- Separate workbenches allow the loop sizing and process grids to be separated, making the width of the grid more manageable. In Kanban Workbench, process and sizing records were displayed in a continuous grid that required extensive horizontal scrolling to view or update.

- The grid portion of Kanban Sizing Workbench includes only sizing data, although important process-related fields are still shown in the new tabbed frames.
- Kanban Process Workbench divides process data into two separate grids, process and process-item detail. Additionally, the loop sizing grid is also available in that workbench—providing a complete picture for process items.
- The workbenches are more configurable. Although Kanban Workbench offered some configurability—for example, you could control whether individual columns displayed, as well as the sequence—the new workbenches take advantage of .NET features to allow much more flexibility. For example, you can drag-and-drop columns into position, or hide individual tabbed frames. Additionally, after you have set up a workbench in the way you like, you can save it. As needed, you can save multiple configurations under different names for reuse based on different situations.
- The new workbenches also display data in individual tabs, in which fields are grouped logically based on their functions. The layout of fields and frames is designed to indicate the relationships between calculated fields and source values. Note that the majority of grid fields display on the tabs. However, a limited number of values display only in the grid.

For the most part, the workbenches display the same data. Major differences are:

- The search criteria. In the Sizing workbench, you can search on several criteria related to kanban loops sourced by processes, external suppliers, or inventory supermarkets. The Process workbench provides search criteria to let you drill down to specific kanban processes.
- The information available in the grid. The Process workbench shows process, process-item, and loop sizing data for each process found by the search criteria. The Sizing workbench is limited to the same loop sizing data.
- The values you can update. For example, you can view process information related to a specific loop in the Sizing workbench for reference. However, since the process typically supports several loops, you must use the Process workbench to modify related values. When a field is modifiable in one workbench but not the other, the read-only version is shaded in gray.

## Minor Operational Enhancements

### New SSM Contract Rounding Control

You can use the new Intermediate Rounding field in Contract Control (11.5.24) to control the way in which the system rounds off amounts when calculating contract extended prices.

**Yes:** The system rounds off the cost at an intermediate step, before factoring in the quantity to bill. It first multiplies Item Quantity by Net Price, then rounds the product. Finally, it multiplies by Qty to Bill to calculate Extended Price.

**No:** The calculation is completed before rounding. The system multiplies Item Quantity by Net Price, then multiplies that result by Qty to Bill. It rounds the product to determine Extended Price.

### New Control Field for Default Ship-To

A new field in Sales Order Control (7.1.24) provides more control over the defaulting logic used to determine the ship-to address on new sales orders.

Leave the new Default to Primary Ship-To field set to No to continue using the sold-to customer as the default value in the Ship-To field in Sales Order Maintenance or Pending Invoice Maintenance.

When the new field is set to Yes, the system uses the following logic to determine the default ship-to value:

- If no ship-to address exists for the customer, the system uses the head office address.
- If only one is specified for the customer, the system uses the ship-to address on the business relation.
- If there is more than one ship-to address, the default sales order ship-to is left blank.

### **Restriction Removed on Custom Field Help Records**

Field Help Maintenance (36.4.13.1) has been modified to remove the restriction on the length of a supplemental record you can enter to augment QAD-provided help records with your custom content.

Previously, the program prevented you from entering more than 15 lines of text.

## **System Administration Updates**

A number of minor enhancements to administration functions have been included in this release, as described in the following sections.

### **Dump XML**

Dump XML is now available as a right-click option on all component-based browses. This option lets you create an XML file of the browse contents, which can then be exported to an external system or used as a template to import external data into Enterprise Financials.

The option lets you export all of the fields in the browse, or only those fields essential for re-importing external data.

### **Force Publish**

Force Publish is another new right-click option on component-based browses, and is used with event publishing using the Event Daemon. Force Publish lets you publish a business event for the selected record. By publishing the event, the system ensures that the update is passed to the QXtend Outbound database and replicated to other instances of Financials or third-party applications. This eliminates the need for other applications to extract the data directly from the Financials database.

### **View CT Log File**

The Code Trace (CT) Log performs a trace on the business methods used in a function, and is a valuable troubleshooting utility. You can now use View CT Log (36.24.3.6) to view the log file. This utility uses a series of icons to identify different types of log entry, and lets you highlight business functions that take a long time to complete, which can be used to troubleshoot performance issues in the application.

### **Suppression of Report Trailers**

A new Suppress Trailer field has been added to Printer Setup Maintenance (36.13.2).

Select this option to prevent the last page from being included in the output of reports that use the device. The report output stops with the last line of report content, instead of also including such report trailer information as the selection criteria.

# Installation and Conversion Updates

## QAD Deployment Tool (QDT)

- EE upgrade: QDT now provides the ability to upgrade all of the components from a previous EE installation.
- QXtend installation and configuration: QDT now provides the option, following EE installation, to install QXtend using default values. The resulting QXtend installation is automatically configured and ready to use.

## Conversions

- Conversion logging snapshots: Conversions can now be configured to pause at defined points within the conversion process to allow the user to make backups. These backups can later be used to perform a restore should a problem occur.
- Post-conversion Reports: Two new post-conversion reports (Post-conversion AP Integrity Report and Post-Conversion AR Integrity Report) were added to support conversion validation. The reports highlight imbalances between the pre- and post-conversion open balances of the AR and AP sub-ledgers.

## Documentation Updates

Documentation-related changes in this release include:

- Content updates to reflect changes in the software.
- Reformatting of PDFs and printed documents. If you view or download PDF files from the Documentation area of support.qad.com, you will notice that the page format has been modified. Instead of the previous 7 by 9-inch page size, the documents are now sized to the width of standard A4 paper (about 8.25 inches) by 11 inches high.

Because the new pages hold more content, the books now require significantly fewer pages. In addition, regardless of your location, the new page size lets you print PDFs on standard paper sizes (A4 or 8.5 by 11) without the large margins previously created by the smaller page size.

- Additional overview information. The summary list of topics at the beginning of user guide chapters now includes a brief description of each major topic.
- Structural changes in the user guide set:
  - A new volume, *Introduction to QAD Enterprise Applications*, has been added. It includes a brief overview of both editions, as well as QAD .NET UI and character UI information of interest to typical users. The new book also includes a glossary of terms used in the user guides and the product.
  - The contents of the *QAD User Interfaces* user guide have been redistributed into two new books:
    - The portions that apply to daily use of the .NET UI (as well as the discussion of the character UI) have been moved to the new *Introduction* volume.
    - Technical implementation and administrative aspects of the UI are now covered in the new *Administration Guide: QAD .NET UI*.
  - The *Financials A* user guide is now simply called *Financials*. (It is still published in two parts because of its scope.)
  - The *Financials B* user guide is now divided into four individual volumes: *Costing*, *GTM*, *Intrastat*, and *Fixed Assets*.

- The *SSM A* and *SSM B* books have been renamed; they are now *SSM Part 1* and *SSM Part 2*.
- A new user-assistance tool. In addition to QAD Assist (F1 in the .NET UI) and context-sensitive field and procedure help (F2 in the character user interface), a new Guide Me tool is available to .NET UI users. When you mouse-over most field labels in the system, a tool tip displays the initial portion of the field help record. A More link lets you display the entire record as needed.

Additionally, users whose role permissions let them access Field Help Maintenance can click an Edit link. This allows them to add supplemental information to the existing QAD-provided help records.

**Note** The Guide Me feature is disabled by default. See *Administration Guide: QAD .NET UI* for information on enabling Guide Me functionality.

## 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 2010 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 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 2010 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. QAD 2010 EE features enhancements to the EMT functionality that makes this method easier to use.

### Complementary Products Not Supported in QAD 2010 EE

- QAD Manufacturing Execution Workbench (MEW) (unplanned)
- QAD Distributed Order Management (DOM) (unplanned)
- Trade Management (TrM) and APM Medical (unplanned)
- QAD Enterprise Asset Management (limited availability)
- 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 2010 EE release, the participation of QAD or certified QAD partner services is required. 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**

Oracle is not supported; only Progress database can be used.

## **Performance Tuning**

Please consult with QAD prior to implementing a Wide Area Network configuration for QAD 2010 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.