

QAD Enterprise Applications 2011.1 Enterprise Edition Release Notes

September 2011

QAD Enterprise Applications 2011.1 – Enterprise Edition (QAD 2011.1 Enterprise Edition, or QAD 2011.1 EE) includes product changes made between February 28, 2011, and August 26, 2011.

This is a maintenance release, consisting primarily of fixes, rather than new features or enhancements. 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 2011.1 EE is supported by the new version 2.9.3.79 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” for information.

Installation and Conversion Updates

QAD Deployment Toolkit (QDT)

- QDT now features Advanced Database Configuration screens that allow you to specify or change database settings as needed to improve database performance.
- Beginning with QAD 2011.1, databases are managed by the `conmgr.properties` file and Progress DBMAN tools. Because of this change, you must enter port values for the QXEvents DB Service Port and the QXOutbound DB Service Port when installing QXtend on Windows environments. The ports specified here must be present in the services file.

Conversion/Upgrade

- Beginning with QAD 2011.1 EE, databases are managed by the `conmgr.properties` file and Progress DBMAN tools. You must regenerate the database scripts when upgrading or converting to QAD 2011.1 and above.
- The method that QDT uses to query database status is being changed to accommodate the use of DBMAN in the database scripts. You therefore must shut down all WebSpeed/AppServer brokers, telnet connections, and databases before upgrading an environment.

Known Issues

- There are several compatibility issues regarding QAD 2011.1 EE installation on Red Hat Enterprise Linux 6 (RHEL6). You must install the `compat-libstdc++-296` and Korn shell `ksh` packages before installing QDT. These packages are not included in a default installation of the operating system. Depending on your platform, you must execute the custom binary `qadinst_RH6_64bit` or `qadinst_RH6_32bit` instead of `qadinst` to start QDT.

- When QXtend is installed to 2011.1 Enterprise Edition using QDT, QDT generates the `<qdt_install_dir>/envs/<environment_name>/scripts/qxtend.pf` parameter file. You must safeguard this file by copying it to a different location because subsequent changes to the environment may inadvertently overwrite the contents of the file. If this occurs, you will need the ability to restore the original version of the file. This issue will be fixed in a future patch release.
- When installing QAD 2011.1 Enterprise Edition or above on Windows, you must specify a service name or port for each database. This is due to a Progress Admin Server database maintenance limitation.
- You cannot use a newer QDT version to configure the QXtend component of an earlier Enterprise Edition installation. To maintain QXtend functionality following a .NET UI upgrade, you must also select the QXtend component when you upgrade the QAD EE User Interface.

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 2011.1 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 (.qrc and .qrc7 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 2011.1 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 2011.1 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 2011.1 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 2011.1 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.

