



# QAD Enterprise Edition 2020 Release Notes

## September 2020

QAD Enterprise Edition 2020 includes product changes made between July 1, 2019, and July 6, 2020.

**Note** Starting in September 2019, the new name for QAD’s complete portfolio of products is QAD Adaptive Applications. Additionally, QAD Adaptive ERP is the new name for QAD’s flagship ERP solution. QAD Adaptive ERP includes the functionality previously associated with QAD Cloud ERP and QAD Enterprise Applications - Enterprise Edition, plus the QAD Enterprise Platform and Adaptive UX which resulted from the Channel Islands program. Going forward, the terms QAD Enterprise Applications, QAD Cloud ERP, and Channel Islands will be deprecated but will remain in previous documentation and training materials. QAD’s intention is to—as soon as possible—eliminate the use of the deprecated terms going forward.

While primarily a maintenance release, QAD 2020 EE provides some new features and enhancements to QAD 2019 EE. For detailed information about individual fixes, see the Product Changes Dashboard under the Product Changes area on QAD’s Online Support Center:

[http://tools.qad.com/product\\_changes/](http://tools.qad.com/product_changes/)

**Note** QAD Enterprise Edition is supported by the latest releases of the QAD .NET UI.

Because of the new product direction that began with the development of Enterprise Edition several years ago, some features that existed in earlier versions of the core application are no longer available. See “Additional System Changes and Limitations” on page 2 for information.

## Feature Enhancements

### Expanded Fields for Transaction Numbers

Two database tables have been updated to increase the size of the field used to store system-assigned transaction sequence numbers:

- Shop Floor Operation General Ledger Detail (opgl\_det) table: the OP Transaction (opgl\_trnbr) field
- Operation Transaction History (op\_hist) table: the Tran (op\_trnbr) field

The expanded fields now accommodate a maximum length of 10 digits. The data-type for the fields has been changed from Integer to Int64.

Screens, panels, reports, and logic have been modified to accommodate the larger fields.

This update supports the needs of customers who have large transaction volumes.

## Enhanced Summarized Journal Option

The system has been enhanced to support summarized journals in the operational modules when Supplementary Analysis Fields (SAFs) are in use.

The system determines how transactions are created through the Summarized Journal option in Inventory Accounting Control (36.9.2). When selected, operational transactions are combined into one GL Journal (posting) when the values in the Effective Date, Entity, Daybook and Subledger (Inventory Control or Work Order) fields are identical. The system generates individual posting lines for each account, sub-account, cost center, project, and SAF value combination.

You specify summarization settings further at the daybook level. Each daybook can be set up with a limit as to how many operational transactions are summarized into one GL Journal through Daybook Summarization Maintenance (25.8.6).

QAD recommends the user of summarized journals. Summarizing the operational journals significantly reduces the number of operational GL postings and the runtime of Operational Transaction Post.

For more information see the Inventory Control section of the *QAD Master Data User Guide* or the Daybook Summarization section of the *QAD Financials User Guide*.

## New Functionality in Requisition Report

Requisition Report (5.2.6) now includes enhanced functionality for selecting requisition header and line comments for printing on the report output.

Use the updated Include Comments field to indicate how the system should use the Print on PO field on purchase requisition header and line comment records:

None (default). The system does not print any header or line comments included on the requisition, regardless of the Print on PO values.

All: The system prints all header and line comments included on the requisition, regardless of the Print on PO values.

PO: The system uses the Print on PO value on each individual header and line comment to determine whether to print that comment on the report.

This new feature offers increased flexibility in the way comments are managed. Previously, Include Comments was a logical field.

## Additional System Changes and Limitations

At this point in the Enterprise Edition product 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 the current version. 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.
- QAD Financials introduces many new capabilities as well as new Financial concepts. Due to differences in concepts with Standard Edition Financials, a clear function-by-function comparison is not always possible. Certain specific functions of Standard Edition Financials might work differently or not be supported in Enterprise Financials.



## Updated Policy Regarding Source Code

Source code licenses for QAD Enterprise Edition 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 since Standard Edition. 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 QAD 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 Financials 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

The Windows Graphical 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 Enterprised 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 Enterprise Edition

#### Project Realization Management (PRM)

PRM was removed from the product. 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 the product, either for sales or purchase orders. Other order management features can be used.

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 Enterprise Edition features enhancements to the EMT functionality that make this method easier to use.

### Complementary Products Not Supported in QAD Enterprise Edition

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

## Installation and Conversion Limitations

### Installation

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

### Conversions

To ensure the highest level of quality and success for customers converting to the QAD Enterprise Edition 2020 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.

## General Limitations

### Multiple Databases Not Fully Supported

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

### **Internationalization Features**

Support for country-specific requirements is being addressed in each release of QAD Enterprise Edition. 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.

