

QAD .NET User Interface 2014 EE (3.0.2) Cumulative Patch 5 Release Notes

March 2017

These release notes include information about the changes for the QAD .NET UI 2014 EE (3.0.2) Cumulative Patch 5. You should install the most recent cumulative patch after installing the QAD .NET UI. The cumulative patch is available from the QAD Store (<http://store.qad.com>).

Review this document *before* proceeding with any phase of a QAD .NET UI implementation.

Note If you have been working with QAD Services to customize your QAD .NET UI implementation, be sure to check with QAD Services before installing any patches.

For steps on how to install the patch, see:

Patch Installation Steps 2

This cumulative patch includes the following:

QAD .NET UI 3.0.2 Patch 5 4

QAD .NET UI 3.0.2 Patch 4 5

QAD .NET UI 3.0.2 Patch 3 6

QAD .NET UI 3.0.2 Patch 2 7

QAD .NET UI 3.0.2 Patch 1 9

Additional QAD Enterprise Applications code changes related to the user interface are available. These changes are not included in the QAD .NET UI Cumulative Patch releases because they are not part of the QAD .NET UI. QAD Support can be contacted to retrofit these code changes to your system.

Patch Installation Steps

The patch installation process will bring down parts of the system. Users should exit QAD Enterprise Applications during the installation.

Backup Steps

On the server, locate the parent directory of the `com` directory (the parent of the `com` directory includes the `make.p` and `mkdtd` files).

From this parent directory, back up the entire `com` directory and its sub-directories and files.

Locate and back up `client-session.xml`

(`tomcat/webapps/qadhome/configurations/<environment>/client-session.xml`).

Oracle Steps

If the patch is being installed on a system where the ERP databases are Oracle databases, ensure that the following environment variables are set before running the installation:

- `ORACLE_HOME`
- `ORACLE_SID`
- `NLS_LANG=.AL32UTF8`

The following manual schema update is needed only for Oracle Databases and only if Reporting Framework Scheduled Reports or Burst Reports are being used:

- Field `rptsrp_mstr.rptsrp_name` (in database `qadadm`) needs to be lengthened to a format/width of 255.

Installation Steps

To install the patch:

- 1 Unzip the cumulative patch zip to a directory on your server.
- 2 Unzip `data.zip`.
- 3 Verify that Java 1.6 or greater is on your system and that your `PATH` and `JAVA_HOME` environment variables are pointing to it.

Note This version of Java is required only for this installer; no change needs to be made to the version of Java that the application is running.

- 4 Set the `LANG` environment variable to `en_US.UTF-8`.

Note Use `locale -a` to determine the exact name and case to use on Unix systems. It may be `en_US.utf8` or some other variant.

- 5 Run the installer: `./install.sh` (or `.\install.exe`).
- 6 You are prompted for “Environment source” — this is the QDT installation directory for your configuration.
- 7 Choose the target environment.
- 8 Confirm the values to complete the installation process.

- 9 Start a QAD .NET UI client session. Depending on system configuration settings, you may be prompted to update. Select Yes.
- 10 Restart Tomcat (or restart the QAD Desktop webapp).

QAD .NET UI 3.0.2 Patch 5

New Default for Credential Storage in Client-Side Active Directory Authentication (UIGS-1227)

The client-side Active Directory Authentication feature now generates encryption keys that do not require users to re-enter their old Active Directory password upon a password change. This is the new default behavior. The cipher version determines the algorithm used when encrypting stored credentials. Valid cipher version values are 1 or 2. Version 1, the previous default, requires the re-encryption of stored credentials when a user's Windows password changes. Version 2, the new default behavior, does not require the re-encryption when a user's Windows password changes. The cipher version is specified in the client session configuration file (`client-session.xml`). The default setting is now as follows:

```
<QAD.Authentication.ActiveDirectory.CipherVersion>2</QAD.Authentication.ActiveDirectory.CipherVersion>
```

Invalid Credentials Error Message (UIGS-1236)

The Log In screen now processes invalid credentials with an appropriate error message. Previously, an error message such as "The remote host name could not be resolved" was displayed.

QAD .NET UI 3.0.2 Patch 4

Trial Balance Report (UIGS-1105)

Trial Balance Report now displays the decimal values of the decimal fields when the report settings decimal grouping separator is changed to dot (,) and comma (,). Previously, decimal values of the decimal fields were not displayed.

Report Date Filter Issue (UIGS-1178)

Reports with a date filter could display an error (“invalid date input, unable to set attribute screen value for fill-in need”) when opened from a link in an email message. This issue has been fixed.

Operational Metric Range Value Issue (UIGS-1182)

The end value of a metric range was displaying only seven digits when the value was being edited. This issue has been fixed.

WebSpeed CGI Security Fix (UIGS-1209)

A fix to a potential WebSpeed CGI security issue has been applied.

QAD .NET UI 3.0.2 Patch 3

Table Records Lock (UIGS-1069)

Previously, Work Order Routing Browse (6.13.14, wobr001 .p) wr_route table records locked after editing and undoing the transaction from another WO. This problem has been fixed.

User Maintenance Node (UIGS-1076)

In Home Page/Process Map, the User Maintenance node now opens in the same .NET UI instance when the user clicks Sales Order Maintenance from Home|Supply Chain Process Model|Process Sales Orders. Previously, it opened in the first opened .NET UI instance.

QAD .NET UI 3.0.2 Patch 2

Browse Program Links Correction (UIGS-937)

Previously, Browse Link Maintenance did not properly process the date value when US regional settings were used. This issue has now been fixed.

SSO and Active Directory Integration Correction (UIGS-930)

Previously, when Single Sign On (SSO) was enabled, an error was displayed: “Active Directory error: login failure unknown username or bad password.” This issue has now been fixed.

Customer Sales Orders Czech Logical Value Display (UIGS-1000)

Previously, in Customer Sales Orders browse (`sobr803.p`), column 17 was not displaying the Czech logical value correctly (ANO/NE). The column now correctly displays the “Fully Invoiced” field for Czech.

Reporting Framework: DD/MM/YY Date Format Added (UIGS-1004)

The date formats DD/MM/YY and DD/MM/YYYY have now been added to the Reporting Framework.

Engineer Master Schedule Maint Date Lookup Format (UIGS-1005)

Previously, in Engineer Master Schedule Maint (`eseshmt.p`), when a record was selected from a lookup, the date field had the format “Date Time,” but the format should be “Date.” This issue has now been fixed.

Issue Opening QAD .NET UI Program from BPM (UIGS-995)

Previously, a QAD .NET UI program would not launch properly from Business Process Management (BPM). This issue has now been fixed.

Reporting Framework: Paper Size Default to Letter (UIGS-1027)

The printer default paper size is now correct for reports created in the Report Resource Designer when the Custom paper size is defined in the Report Layout properties. When a report is generated using the Document output type and printed, the correct printer default paper size is used.

Reporting Framework: Word Order Cost Report Correction (UIGS-1013)

The Work Order Cost Report (`QAD_WorkOrderCostReport`) now displays correct results when a “Not Equals” criteria has been added after a range was specified.

Inventory Metrics Session Release Correction (UIGS-1047)

Previously, the Inventory metrics session was not released properly in the Connection Manager when a browse was opened from the metrics. This issue has now been fixed.

Item Master Maintenance - Item Number Field Correction (UIGS-1040)

Previously, Item Master Maintenance (ppptmt .p) could become unresponsive when the specific values ~0, ~1, ~2, or ~3 were entered in the Item Number field if that field had been configured as a required field in Design mode. This issue has now been fixed.

Reporting Framework: QR Code Support for Cyrillic Characters (UIGS-945)

Previously, QR Codes that contained Cyrillic letters (Russian, Bulgarian, Serbian, Ukrainian, and some other Slavic languages) could not be recognized correctly by QR reading devices when printed by the Reporting Framework. This issue has been fixed: the Report Resource Designer now allows QR readers to read Cyrillic characters from the report.

Browse Calculated Field “or” Search Filter Correction (UIGS-1049)

Previously, in Browse Maintenance, a calculated field (local-varXX) using a function (specified in the Local Variables tab) did not show a correct “or” when the browse was run with the calculated field in the Search filter. This issue has now been fixed.

QAD .NET UI 3.0.2 Patch 1

Browse Count With Not Equals Filter (UIGS-880)

Browse count on local variable filter of “not equals” now returns the correct value.

UTF-8 Text String Truncation (UIG-9202)

Previously, when entering UTF-8 data into a character field, the length of the text string was not fully taken into account, resulting in data truncation. This issue, observed in languages such as Thai, has now been fixed.

Side Panel Modify / View Mode Issue (UIG-9230)

Previously, on a browse row, if the right-click View option was listed after the Modify (or Edit) option, a problem could occur where the side panel for editing displayed in view-only mode. This issue has now been fixed.

First Column Missing in Chinese and Japanese Reports (UIG-9250)

Previously, the first column of a report line starting with Chinese or Japanese was getting truncated. This issue has now been fixed.

Dashboard Panel Size Change Event (UIG-9265)

Previously, a dashboard panel size change event could occur upon startup, resulting in the following error:

```
System.NullReferenceException: Object reference not set to an instance of an object.  
at QAD.RolePage.controls.DashPanel.DashPanel_SizeChanged(Object sender, EventArgs e)  
at System.Windows.Forms.Control.OnSizeChanged(EventArgs e)
```

This issue has now been fixed.

Browse Collection Error With Browse Link To Blank Date Value (UIG-9219)

Previously, a browse collection linking a maintenance program to a browse using a date field could display an error if the date field had a blank value. This issue has now been fixed.

Favorites Display Correction (UIG-900)

Previously, when `UserMenu.dat` was present and `UserMenuProvider.dat` was not present, the updated favorites were not written to `UserMenu.xml`. The result was that the old favorites appeared once and then disappeared upon the subsequent login. This issue has now been fixed.

Supplier Maintenance Error When Adding SWIFT Info (UIGS-886)

Previously, in Supplier Maintenance (Desktop mode), when adding a Bank Account with SWIFT Info and then returning back from the SWIFT Info frame to the Bank Accounts frame, the following error messages were displayed:

Attempt to dereference a stale widget handle. (3137)

Invalid handle. Not initialized or points to a deleted object. (3135)

Cannot access the INTERNAL-ENTRIES attribute because the widget does not exist.(3140)

This issue has now been fixed.