

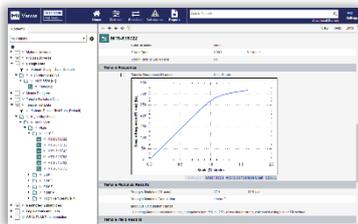
Release Notes: Update 4 for GRANTA MI Version 9

February 2017 Release

Granta Design distributes regular updates for the GRANTA MI software package in addition to the major version releases. These Release Notes will help you understand what's in this update and whether you should install it.

Updates typically contain a number of minor improvements and bug fixes. Installing an update is optional. Subsequent updates always include the content of previous updates.

This release updates an existing GRANTA MI Version 9 installation; see your GRANTA MI Version 9 release documentation for detailed server, client, and database requirements.



Please note that a newer, major version of GRANTA MI, Version 10 is also available. Version 10 incorporates all the features and fixes described in this document, plus new features including an improved installation experience, application activity reporting, a major MI:Viewer refresh, and the new MI:Workflow application; please refer to the GRANTA MI Version 10 Release Notes for more information.

How can installing this release help you?

This release includes around 50 bug fixes, performance enhancements, and minor improvements which improve the user experience of GRANTA MI. In addition, you may want to install this update if your users have been affected by any of the specific issues listed below under *Usability improvements and bug fixes*.

Usability improvements and bug fixes in this update

- Database keys are now case-insensitive in MI:Server and across all GRANTA MI applications. Previously, database keys were not always handled consistently in different applications.

MI:Server

Bug fixes and minor enhancements in the Email Notifications feature

- Better feedback from the notifications service in the command window and in log files when something goes wrong with generation of notifications, and/or of notification emails.
- In MI:Server Manager, the “Last run time” for notifications (the **Last run (UTC)** field) in the Email Notifications page now correctly updates when the notifications service is run. Previously, this field was only updated on application startup.
- Fixed a bug where a “Communications Error” could sometimes appear on opening the Email Notifications SMTP Setting page for the first time.
- Users running the email notifications process (as a scheduled task, from the command window, or via a batch file) no longer need to have Granta Administrator privileges. We recommend running the email notifications scheduled task under the MI Service account login.

MI:Viewer

- Bug fixes and usability enhancements on the Reports page:
 - Any Custom Reports relevant to the records in the Record List are now loaded automatically on opening the Reports page; the **Fetch Custom Reports** command option has been removed.
 - On IE, fixed an issue where custom reports that could not be used with the records in the Record list were sometimes displayed.
- Fixed several bugs in the **Export data to Excel** feature:
 - Data exported via the Export data to Excel option sometimes could not subsequently be reimported because the record GUID was not exported when auto-placement import options were used in the template.
 - On Chrome only, Excel output files sometimes had the wrong filename and no filename extension due to a problem with the way the Chrome browser handles long filenames that include non-ASCII characters (such as the degree Celsius sign, or accented characters).
 - The data in Tabular Data attributes was not exported when exporting unreleased or superseded records.
 - Quality ratings were not exported. Both discrete and continuous quality data are now exported correctly.
- Fixed a bug where, when viewing tabular data in Edit mode, values in the **Linked records found** column were not in the same order as the values in the other columns.
- Fixed a bug where the "Last checked at" date/time on the Notification settings page (Settings>Notifications) was not being updated.
- Fixed a bug where tables containing security attributes could not be deleted.
- Fixed a display issue when viewing embedded PDFs (e.g. Reports) in Chrome.
- Fixed a bug where the edit icon  was incorrectly displayed on data that was not editable because of access control or version control instead of the “Locked” icon .
- The IIS version is now logged on Viewer startup, for support purposes.

MI:Admin

- Fixed a performance issue on loading layouts in the MI:Admin Layout Editor.
- Fixed a bug where the available tables were not always shown when creating a new profile.
- Fixed a bug where the database **Lock** button was sometimes missing on opening the MI:Admin Schema tool.

MI:Toolbox

Excel Exporter

- Fixed a bug that prevented import of functional data to version-controlled records when using the “Replace Record” or “Replace Data” conflict resolution strategy.
- Fixed a bug in the Excel Exporter where data exported via the Export data to Excel option in MI:Viewer sometimes could not subsequently be reimported because the record GUID was not exported when auto-placement import options were used in the template.
- Long and short text data beginning with a single quotation mark (') can now be exported and then re-imported. Previously, the leading quote was lost when the data was exported because a single quote as the first character in a cell is not recognized as a literal character by Excel (it is interpreted as designating the cell content as text, and is removed). Now, leading quotes are preserved on export.
- Short text, Long text, and Discrete values that would be interpreted by default by Excel as numeric now have text format explicitly set on the cell when exported, which allows leading zeroes to be preserved.

Excel Importer

- Version-controlled Record Names are now updated on import when using the 'Replace' conflict resolution option.

Remote Import

- Improvements to logging of Remote Import service requests:
 - The logging level has been changed to 'Warn', making the log file much smaller; previously 'Info' messages were logged, resulting in very large files.
 - All Remote Import logs will be archived every month, and only the most recent RemoteImportServiceRequests.log file will be retained.
- Fixed a bug in drag & drop on Internet Explorer 11.

Service Layer

- When getting MI Parameters associated with an FEA Exporter, via MI C# API or Service Layer GetExporterParameters() operation, the values of discrete parameters are now correctly returned. Previously, *NaN* was erroneously returned.
- Inconsistencies between Granta products in the reported minimum and maximum values of attributes have been reduced. The values seen in products such as Gateway and MI:Explore should now be the same as those seen in MI:Viewer (except in certain special Access Control cases).
- The IIS version is now logged on Service Layer startup, for support purposes.

MI:SDK Service Layer version 35.0

This release of GRANTA MI includes Service Layer version 35.0, with Service Layer interface version 16/01. See the *GRANTA MI Service Layer SDK Revisions* PDF document provided with the SDK for details of changes at this release.

System requirements for this release

This release updates an existing GRANTA MI Version 9 installation; see your GRANTA MI Version 9 release documentation for detailed server, client, and database requirements.

Installing this update

Updates for MI:Server, MI:Viewer, MI:Remote Import, MI:Admin, and MI:Toolbox are included in the update package. Separate .msp files are provided for 64-bit and 32-bit operating systems. The MI:Server, MI:Viewer, and Remote Import updates must be installed on the relevant server; the MI:Toolbox and MI:Admin updates must be installed on each client PC. You will need Administrator rights to install GRANTA MI updates.

Note that the Service Layer cannot be updated in the same way as the other GRANTA MI components: instead, you will need to download the GRANTA MI Update *InstallationCD* and upgrade the Service Layer to the latest version using the GRANTA MI Installation Manager.

See the PDF document *Installing GRANTA MI software updates*, included in the download package for the update, for step-by-step instructions on how to install updates.

Further information and contact details

More background on the features and benefits of GRANTA MI Version 9 is available at <http://www.grantadesign.com/products/mi/whatsnew.htm>

If you have further questions, please email Granta Support: support@grantadesign.com