

Release Notes: Update 3 for GRANTA MI Version 9

October 2016 Release

Introduction

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.

How can installing this release help you?

This release includes more than 70 bug fixes, performance enhancements, and minor improvements. 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*.

What's new in this update?

Performance improvements

- Improved performance when viewing gridded data.
- Improved performance when the Notifications feature is enabled.
- Datasheets that contain associated record links now load much faster the first time they are opened in an MI:Viewer session.

Enhancements in the Notifications feature

The Notifications feature in GRANTA MI allows users to monitor changes to records, folders, and data of interest. This release includes a number of enhancements to Notifications:

- Improved performance when the Notifications feature is enabled.
- New options on the Admin>General page in MI:Viewer allowing GRANTA MI Administrators to prevent users from checking their Notifications in MI:Viewer, or to disable the Notifications feature completely. See the MI:Viewer Help topic *Configure Notifications* for details.
- More efficient HTML markup in notification emails.
- An increase in the maximum number of change notifications that can be included in a notification email, from 100 to 10,000.
- Notification emails can now include notifications for specific databases only; previously, they always included notifications for watched items in all databases in the system. See the *GRANTA MI Administrator's Guide* or the MI:Server Manager help for information about the new notification command-line options.

Usability improvements and bug fixes in this update

Installation

- Resolved some MI:Viewer and Service Layer installation and IIS configuration issues on Windows 10 operating systems.
- When installing the Service Layer, you can now specify the website where the Service Layer should be installed; previously, it was automatically installed in the IIS Default Website.
- Attempting to install the Service Layer using an account that does not have Administrator privileges will no longer result in a Service Layer installer error. The installer will now display a message informing the user that they need to be an administrator to install the software.

MI:Server

- Users no longer receive email notifications for changes to discrete & point data that they cannot see.

MI:Viewer

- When choosing attributes for an Advanced Search when *No Layout* is selected, the available attributes are now listed in alphabetical order, making it much easier to find the attributes of interest, especially in databases that include a large number of attributes.
- Viewing Notifications for version-controlled folders no longer results in an error.
- The Calendar control in Advanced Search can now be used to select dates in all MI:Viewer user interface languages. Previously, a bug in the handling of date formats resulted in problems using the Calendar in the German and Russian user interfaces.
- Previously, clicking on the Databases tab in the MI:Viewer Admin pages gave an error when database security was enabled and you didn't have permission to see one (or more) of the databases. This is now fixed, and any databases that you don't have permission to access are simply not listed.

- Fixed an issue where a search could fail with an unhandled exception when different users, with different privileges, logged in to MI:Viewer in the same browser.

MI:Admin

- When adding discrete parameter values, it is now easier to add several values in the Add Discrete Parameter Value dialog; also, better validation in this dialog now prevents you from entering invalid blank values.
- When creating a new attribute, or editing the name of an existing attribute in MI:Admin, any trailing spaces will be automatically trimmed from the name, preventing users from creating invalid attribute names.
- Renaming a home page file in the Profile Home Page browser no longer causes MI:Admin to crash.

Data Updater

- The Conflict Report now includes more detailed information to provide better insight into conflicts detected during update verification. The generic message "This item depends on another item in the database which is not in the expected state" is replaced by more specific messages, for example, "Record is in an 'Unreleased' version state" or "Source is a multi-value attribute but target is a single-value attribute".
- When using the Data Updater in French, German, or Russian locales, Report workbooks could sometimes not be saved due to an Excel limitation on the length of worksheet names (max 31 characters). Worksheet names in Conflict and Change reports are now truncated in all languages if the generated name exceeds the Excel 31 character limit.
- Minor changes such as correcting a trailing space issue or changing capitalization no longer cause a naming conflict.

MI:Toolbox

- Automatically-generated import/export templates now handle quality ratings for functional data correctly.
- **Excel Importer:** A log entry now appears when an attribute is being processed, but is explicitly set to NOT be imported. For example:

```
INFO: Skipping import of Attribute: Young's Modulus (11-axis)
```

User Manager

- When importing new users from a CSV file, the User Manager's password complexity requirements can now be configured to allow passwords to be imported that are not compatible with the GRANTA MI default password complexity requirements; see the *GRANTA MI Installation Guide* for details. [MI-11460](#)
- A new configuration setting allows Windows users who are not in a domain to be added/imported to User Manager. See the *GRANTA MI Installation Guide* for information about the new `UMS.ValidateDomainMembership` setting in `Modules.config`.

Remote Import

- Resolved a problem that prevented users from uploading files to Remote Import via the Upload button when using Internet Explorer version 9.

MI:SDK Service Layer version 33.0

This release of GRANTA MI includes a new version of the MI:SDK Service Layer, version 33.0, with new Service Layer interface version 16/01. This Service Layer includes a number of changes to provide enhanced support for browsing, searching, and importing/exporting data; for details, see the *GRANTA MI Service Layer SDK Revisions* PDF document provided with the SDK.

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 Version 9 Update 3 *InstallationCD* and upgrade the Service Layer to the latest version (version 33.0) 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