

MET/TEAM 3.4.0 README

This document includes information related to MET/TEAM 3.4.0 relative to version 3.3.1.

If you are updating an existing MET/TEAM installation, you must be running version 3.0.0 or later before updating to version 3.4.0. To update from any previous version 3.x.x, use the MET/TEAM Server Update installer. Be sure to read the *Updating MET/TEAM and MET/CAL* document before attempting to update an existing installation.

The MET/TEAM version 3.4.0 release includes a new version of MET/CAL (v11.2.0).

READ THESE BEFORE STARTING!

 **Installing MET/TEAM and MET/CAL**
Click the above link to view the MET/TEAM Installation Guide

 **View MET/CAL ReadMe**
Click the above link to view the ReadMe document for MET/CAL v11.2.0

 **Updating MET/TEAM and MET/CAL**
Click the above link to view the MET/TEAM and MET/CAL Update document

 **View MET/TEAM ReadMe**
Click the above link to view the ReadMe document for MET/TEAM v3.4.0

 **Fluke MET/TEAM Server**
To setup a new MET/TEAM system, click this link to launch the MET/TEAM Server v3.4.0 installer

 **Update Fluke MET/TEAM Server**
Update an existing MET/TEAM v3.x system to v3.4.0

Use these links when updating from a previous version of MET/TEAM

Refer to the table below for the upgrade path to follow when updating from previous versions of MET/TEAM:

If you are currently running...	Do the following to update your system
MET/TEAM v3.x.x	- Run the current MET/TEAM Server Update installer to update to v3.4.0. Optional: Select to deploy MET/TEAM Customer Portal and/or MET/TEAM API if not already deployed on the server - Re-request licenses using your current product codes, master code, and/or Gold Number
MET/TEAM v2.3.0	- Update your system to v3.0.0 using the MET/TEAM v3.0.0 Server Update installer. This will require running the Report Update Tool for any custom reports being used
MET/TEAM v2.2.1	- Update your system to v2.3.0 using the MET/TEAM v2.3.0 Server Update installer
MET/TEAM v2.2.0	- Update your system to v2.2.1 using the MET/TEAM v2.2.1 Server Update installer
MET/TEAM v2.1.2	- Make sure you have applied Update 1 to your system (the Help > About screen should indicate v2.1.2.119 or later in the lower left corner) - Run the Database Update Tool included on the installation media to update the database

	- Run the MET/TEAM v2.2.0 Server Update installer - Run the installed Report Update Tool if you have any customized reports
MET/TEAM v2.0.3 to v2.0.6	- Update your system to v2.1.2 and apply Update 1
MET/TEAM v2.0.2 or earlier	- Update your system to v2.0.5 and run the Date Fixer Utility (contact Technical Support for a link to download the v2.0.5 distribution media) - Then update your system to v2.1.2 and apply Update 1

MET/TEAM requires SQL Server to be installed first. If you have an existing instance of SQL Server 2012 or later (Express or otherwise), then you may use it instead, and skip this step. Make sure the existing SQL Server instance is configured for MET/TEAM according to the information provided in the MET/TEAM Installation Guide. If you are going to use MET/TEAM Mobile, the Mobile workstation must have the same version of SQL Server as the main MET/TEAM server.

READ THESE BEFORE STARTING!



Installing MET/TEAM and MET/CAL
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Updating MET/TEAM and MET/CAL
Click the above link to view the MET/TEAM and MET/CAL Update document



View MET/TEAM ReadMe
Click the above link to view the ReadMe document for MET/TEAM v3.4.0



Fluke MET/TEAM Server
To setup a new MET/TEAM system, click this link to launch the MET/TEAM Server v3.4.0 installer



Update Fluke MET/TEAM Server
Update an existing MET/TEAM v3.x system to v3.4.0

Use these links when setting up a new MET/TEAM system

IMPORTANT: MET/TEAM is designed to support localized language, date, time and number formats based on the user's browser settings. However, all System Default settings that use an English word in the Value field must never be translated to other languages. Likewise, all System Default settings that expect numeric data in the Value field require the numeric data to be formatted using the English (US) format (using the period "." as the decimal separator). Failure to do this may cause calculation errors when the numeric value is used to perform calculations.

WHAT'S NEW IN VERSION 3.4.0?

- Added capability for electronic signatures on Work Orders
- Added a reduced version of existing Auditing functionality to leverage the new electronic signatures for 21 CFR Part 11
- Added the ability to import a completed Cubyt CAL-SHEET as a result set on a MET/TEAM Work Order
- Added lab-specific part management
- Made improvements to the Receiving screen, adding new functionality and clarity
- Bug Fixes
- For a complete list, see the table below

NEW INSTALLATIONS

- Install SQL Server 2012 or later. If you have an existing instance of SQL Server 2012 or later, you may skip this step and use that instance instead. **Be sure to follow the instructions in the MET/TEAM Installation Guide to configure SQL Server Logins for MET/TEAM.**
- Use the link on the auto-start splash screen to install MET/TEAM Server.

UPDATING FROM PREVIOUS VERSIONS

Be sure to read the **MET/TEAM and MET/CAL Update** document for more details on the update process.

- **Before starting the update process, you must make sure all MET/TEAM Mobile workstations are checked in prior to updating MET/TEAM Server! Any Mobile workstations that are checked out when the update is started will not be able to check in once the update is complete!**
- **Always back up your database before performing an update! The update cannot be reverted!**
- Use the link on the auto-start splash screen to launch the MET/TEAM Server Update installer to update an existing system.
- If you have installed MET/CAL on any workstations:
 - Install/update **National Instruments NI-488.2** and **NI-VISA** packages on each MET/CAL workstation using the **NI Package Manager** utility. Refer to the MET/TEAM Installation Guide or MET/CAL ReadMe file for more details.
 - Run the **MET/CAL Client installer** on all MET/CAL workstations to update them to the latest version. The **MET/CAL Client installer** is found in the **Installers** folder on the MET/TEAM share (typically `\\<servername>\metteam\Installers\METCAL`).
- If you have installed Customer Portal on a separate server, run the **Customer Portal stand-alone installer** on that server to upgrade the Customer Portal web site to this version. The **Customer Portal stand-alone installer** is found in the **Installers** folder on the MET/TEAM share (typically `\\<servername>\metteam\Installers\CustomerPortal`).
- If you are using MET/TEAM Mobile, run the **MET/TEAM Mobile Prerequisites installer** on each mobile workstation to upgrade to the latest requirements for running MET/TEAM on the mobile workstation. The **MET/TEAM Mobile Prerequisites installer** is found in the **Installers** folder on the MET/TEAM share (typically `\\<servername>\metteam\Installers\Mobile`).

RUNNING MET/TEAM

For new installations: Once MET/TEAM has been successfully installed, you may access MET/TEAM on the server by double-clicking the shortcut created on the desktop and log in using the following built-in administrator account:

- User name: **admin**
- Password: **admin**

It is highly recommended that you change the password on this built-in administrator account immediately and create individual user accounts for all users of the system.

To access MET/TEAM from other computers on the network, open a web browser and enter the address and port of the web site on the server machine (i.e. `http://<server_name>:<port>` or `http://<ip_address>:<port>`).

MET/TEAM 3.4.0 CHANGES

Key	Issue Type	Description
MTM-12905	ADDED	Added a pop-up screen for most Note fields to make them easier to view and edit.
MTM-13166	ADDED	Added the Postal Code column to the Address grid on the Facilities screen.
MTM-13278	ADDED	Added a new System Default setting to control whether double-clicking in a note field causes the Select Note (Quick Notes) window to be displayed.
MTM-13694	ADDED	Added a feature to automatically populate nUserID, nFacilityUID, and nVersionUID parameters when generating a Custom Report with the logged in user's UID, the user's active facility's UID, and the current website version UID, as found in the Users, Facilities, and Version tables respectively in the MET/TEAM database.
MTM-13708	ADDED	New functionality was added to the Receiving process allowing the ability to add Files to the assets being received/processed into Work Orders.
MTM-13769	ADDED	Added support for electronic signatures on Work Orders.
MTM-13821	ADDED	Added the ability to attach Files to Job Numbers.
MTM-13963	ADDED	Added the ability to do batch certificate printing from Customer Portal.
MTM-14126	ADDED	Added a Bulk Receiving feature that supports using a delimited text file as the source for selecting Assets to receive.
MTM-14136	ADDED	Implemented a scrollable alert dialog for displaying lengthy messages in an appropriate way, such as with Batch Change validation failure messages.

Key	Issue Type	Description
MTM-14356	ADDED	Added the Group ID field to the Work Order Dialog, and the ability to find Work Orders based on the Group ID.
MTM-14386	ADDED	Added the ability to attach Files to a Work Order during an Import.
MTM-14455	ADDED	Updating the Log Notes and/or Status on a Work Order does not prompt to clear signatures, whether editing the Work Order directly, or when using Batch Process or Batch Change.
MTM-6058 MTM-14003	ADDED	Added the ability to manage Parts separately for each lab using the Storage Lab field.
MTM-9782	ADDED	Added a feature that allows Cubyt CAL-SHEET data to be imported into a Work Order.
MTM-10484	CHANGED	Added all available fields to the Returning Find screen.
MTM-10614	CHANGED	Updated Installation Guide to indicate SQL Server deployments on Mobile Workstations must be configured to use Windows Authentication.
MTM-13025	CHANGED	Updated the Tool Assignments to run DataChecks during Check In and when editing a Tool Assignment. Also implemented DataCheck.ToolAssignmentMode() function to determine what mode the DataCheck is running in.
MTM-13135	CHANGED	Updated web.config file to ensure handler for *.svc is installed for new installations.
MTM-13176	CHANGED	Notes fields on Job Number, Contract Pricing, and Tool Assignments screens are now customizable and securable to mirror functionality in the rest of the application.
MTM-13237	CHANGED	Added all available fields to the Job Number search criteria.

Key	Issue Type	Description
MTM-13247	CHANGED	Added the ttrace_columns.rpt which formats the data in columns and rows so the information can be exported to Excel without unnecessary columns
MTM-13288	CHANGED	Added the ability to exclude the Configuration Group on the User screens for button security.
MTM-13512	CHANGED	Added Customer, Customer Number, ID, Barcode, Serial Number, Type, Problem Note, Response Note, and Resolution Note fields to Problem Report search criteria.
MTM-13718	CHANGED	Added the ability to set a Scheduled Alert to active or not active.
MTM-13832	CHANGED	Updated the Version 3 MET/TEAM API to support asset lookups for inactive records via the Asset/ByBarCode and Asset/UpdatedSince endpoints.
MTM-13923	CHANGED	Updated the Receiving Assets screen to allow each Work Order Extended Data field to be selected independently to share the same value on all created Work Orders or to have unique values per Work Order, and added a Toggle All button to the Work Order Extended Data tab.
MTM-14025	CHANGED	Alphabetized the values in the Affected Page drop-down list on the Extended Data screen.
MTM-14250	CHANGED	Added a feature to show the contents of the Type Receiving Notes field for each asset being received in a dialog so they are more easily reviewed.
MTM-14325	CHANGED	Updated MET/CAL Client installer Shared Files dialog to recommend using UNC path to shared files when located on a server.
MTM-14516	CHANGED	Added the ability to import Work Orders based on a Work Order Number (previously, the exact Maintenance Date, including the time in UTC, was required).

Key	Issue Type	Description
MTM-14526	CHANGED	Updated MET/TEAM installers to deploy the latest Crystal Reports redistributable.
MTM-1576	CHANGED	Changed the background and text colors for disabled read-only fields to make the value more legible.
MTM-447	CHANGED	Added a feature to prevent inactive Job Numbers from being added automatically to Work Orders during Receiving.
MTM-682	CHANGED	Added all available fields from the Contact record to the Find screen.
MTM-6958	CHANGED	Added better messages when Procedures are not set up correctly for adding results to a Work Order.
MTM-7038	CHANGED	Changed the checkboxes to the right of each field on the Receiving Assets screen to toggle buttons with icons and tooltips.
MTM-12303	FIXED	Resolved an issue that caused "0" to be displayed instead of "No" in cells for logical (Yes/No) fields on the MET/CAL Prompts designer and Manual Templates grids.
MTM-12313	FIXED	Resolved an issue that prevented creating MET/CAL Prompts with the same name as a previously deleted prompt.
MTM-12323	FIXED	Resolved an issue that prevented creating a new Security Group that has the same name as a previously deleted Security Group.
MTM-12333	FIXED	Resolved an issue that did not require MET/CAL Prompts to have a name.
MTM-12343	FIXED	Resolved an issue where clicking the Reset or Reset All button on a Find screen would cause checkboxes for logical fields in the results grid to become unchecked.

Key	Issue Type	Description
MTM-12824	FIXED	Resolved an issue where the Select Quick Notes grid wasn't getting updated after a note was added or modified.
MTM-12864	FIXED	Resolved an issue where the Find screen wouldn't correctly search date fields when the date format included a dash as the separator.
MTM-12874	FIXED	Resolved an issue in Customer Portal where the Recall and Delinquent grids only show records without a due date.
MTM-12895	FIXED	Resolved an issue where the Application name in Audit History was getting set incorrectly from a DataCheck.
MTM-12925	FIXED	Resolved an issue when using the Between option with date fields on Find screens.
MTM-12945	FIXED	The ReadingErrorPercent value is now calculated and written to the database for Manual Template rows of type "Inside Limit" or "Inside Limit (!)" (transducers).
MTM-12965	FIXED	Resolved an issue with the MET/TEAM Server Update installer that would attempt to re-use the same update log file for subsequent executions.
MTM-12975	FIXED	Resolved an issue that prevented a non-domain machine from performing a Mobile Check In successfully.
MTM-12995	FIXED	Resolved an issue where inactive managers would appear in the Schedule Alert Contacts list using the "Runnable - Recall Escalation Tool Assignment (v3)" DataCheck
MTM-13005	FIXED	Resolved an issue where the Recall-Alerting-ToolAssignment-w-level.rpt listed more due items for given levels over 0.
MTM-13065	FIXED	Resolved an issue where the wrong Service Date and Due Date would get applied to a standard added to a Work Order.

Key	Issue Type	Description
MTM-13075	FIXED	Resolved an issue so Status, Data Condition and Notes fields on the Work Order Results are read-only when the work order is locked.
MTM-13095	FIXED	Resolved an issue with the DataCheck.GetName() function that prevented it from working correctly with logical (checkbox) fields.
MTM-13115	FIXED	Resolved an issue where the manufacturer name wasn't appearing on the TechWork.rpt report.
MTM-13125	FIXED	Resolved an in issue in Customer Portal so that now the Work Order Result field is shown on the Work Order Dialog.
MTM-13146	FIXED	Resolved minor issues using drop-down lists in search fields on Find screens.
MTM-13268	FIXED	Resolved an issue when using the Exact option with date fields on Find screens where the UTC offset was not handled properly.
MTM-13330	FIXED	Fixed the size and alignment of the Save button on the Assign Groups screen.
MTM-13411	FIXED	Resolved an issue where the Edit Facility screen could not be accessed by double-clicking an item in the Facilities grid on the Edit Contact screen.
MTM-13462	FIXED	Resolved an issue that occasionally prevented user preferences from being remembered on Find screens.
MTM-13572	FIXED	Resolved an issue where double clicking a read-only Notes field label would still display the Quick note options
MTM-13582	FIXED	Resolved an issue where some Facility checkboxes did not popup the Customize context menu when right clicked.

Key	Issue Type	Description
MTM-13663	FIXED	Resolved an issue that prevented a Data Check from clearing a date field (setting it to null) using the DataCheck.SetValue() function.
MTM-13801	FIXED	Resolved an issue with the duplicate Facility DataCheck not allowing saving of facilities with an apostrophe in its name.
MTM-13983	FIXED	Added the ability to download the Procedure File while a procedure is locked.
MTM-14176	FIXED	Resolved an issue that previously required data values associated with drop-down list fields to be converted to English in source files before running an Import.
MTM-14186	FIXED	Resolved an issue where the "Select to Insert" dropdown contained no values in specific scenarios while editing a DataCheck.
MTM-14226	FIXED	Resolved an issue with DataChecks when processing Tool Assignments where the records were not showing the individual fields per record.
MTM-14260	FIXED	Resolved an issue where the Asset ID was being shown instead of the Barcode in the Parent field on the Asset screen.
MTM-14291	FIXED	Resolved an issue where a user without the required permissions could add security groups to users without any groups if they could view the user record.
MTM-14376	FIXED	Resolved an issue for receiving DataChecks that wasn't correctly showing the extended data fields for each asset being received.
MTM-14667	FIXED	Made some improvements related to management of the logged in user account as well as the formation of SQL queries for grids.
MTM-14677	FIXED	Resolved an issue where points from imported data from COMPASS or MET/TEMP II could not be deleted.

Key	Issue Type	Description
MTM-5087	FIXED	Updated the Full Data view for MET/CAL results to format ReadingErrorPercent to 2 decimal places to match the results as displayed in MET/CAL.
MTM-8479	FIXED	Resolved an issue with the MET/TEAM Server installer that caused permissions to be improperly configured for the MET/TEAM website when selecting the ApplicationPoolIdentity option on the MET/TEAM Application Pool Identity dialog.
MTM-14832	FIXED	Resolved an issue that prevented the Add Work Order feature for Invoices to not work properly.
MTM-14902	FIXED	Resolved an issue that caused the text in the Property and Value columns on the Find System Default screen to get localized on non-English systems.
MTM-14872	FIXED	Increased the spacing between fields on the Edit Asset screen in MET/TEAM and the View Asset screen in Customer Portal to better accommodate localization.
MTM-14983	FIXED	Resolved an issue with the content of the MET/TEAM API Help web pages.
MTM-15026	FIXED	Resolved an issue with the states of the Copy, Delete and View Point Readings buttons on the View Results screen.