MET/TEAM 3.0.0 README

This document includes information related to MET/TEAM 3.0.0 relative to version 2.3.0.

If you are updating an existing MET/TEAM installation, you must be running version 2.3.0 before updating to version 3.0.0. To update from version 2.3.0, 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.

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 v2.3.0	- Run the MET/TEAM Server Update installer to update to v3.0.0
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.

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 3.0.0?

- Significant speed improvements throughout the application
- Dynamic limit/tolerance calculation support and other improvements for Manual Templates
- Major enhancements and improvements to Data Check and SQL script writing/editing/testing
- New MET/TEAM API feature that exposes RESTful API endpoints for CMMS system interfacing
- Better support for extended ASCII and Unicode characters in multiple areas
- MET/CAL license sharing improvements
- Improved logging and log file collection feature to assist Technical Support in troubleshooting issues
- Lots of other improvements, enhancements, and 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.

UPGRADING FROM PREVIOUS VERSIONS

Be sure to read the **MET/TEAM and MET/CAL Update** document for more details on the update process, including a questionnaire that should be completed prior to starting the update process.

- **Before starting the upgrade process, you must make sure all MET/TEAM Mobile workstations are checked in prior to upgrading MET/TEAM Server! Any Mobile workstations that are checked out when the upgrade is started will not be able to check in once the upgrade is complete!**
- Make sure MET/TEAM, Customer Portal, Mobile workstations and MET/CAL workstations are running on Windows 10 or Windows Server 2012 R2 or later operating systems. If necessary, you must update the operating systems to a supported version first.
- Make sure the MET/TEAM database is hosted on SQL Server 2012 or later. If necessary, you must move the database to a supported version of SQL Server first.
- Be sure to have all of your original Product Codes, Master Codes, and/or Gold Number handy, This release requires re-requesting your licenses following the update.
- A simplified installer has been created for updating MET/TEAM Server from version 2.3.0. Use the link on the auto-start splash screen to update an existing MET/TEAM Server system.
- If you have installed MET/CAL on any workstations, be sure to 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, be sure to 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, be sure to 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 3.0.0 CHANGES

Key	Issue Type	Description
MTM-2421	ADDED	The installer for the Microsoft OLE DB driver that is needed for editing Crystal Reports is deployed to the shared directory.
MTM-2131	ADDED	Added the optional MET/TEAM API feature installation to the MET/TEAM Server Update installer.
MTM-2011	ADDED	Added the MET/TEAM API feature to the MET/TEAM Server installer.
MTM-1227	ADDED	Made a change to show custom field labels when editing a data check.
MTM-1047	ADDED	Added a feature to easily gather MET/TEAM Alerting and Mobile log files to provide to technical support.
MTM-1021	ADDED	Added a UTC conversion function to the Data Check editor.
MTM-1009	ADDED	Added database views to a list of available fields in the Edit Data Check screen.
MTM-781	ADDED	Added a feature to easily gather MET/TEAM log files to provide to technical support.
MTM-658	ADDED	Added the ability to pass up to 10 parameters in Data Check SQL queries for more efficient Data Check code.
MTM-634	ADDED	Added the ability to interact with extended data fields in Data Checks.
MTM-533	ADDED	Implemented the MET/TEAM API for allowing external CMMS systems to connect to MET/TEAM.
MTM-313	ADDED	Added the ability to use Data Checks on all available screens.

Key	Issue Type	Description
MTM-257	ADDED	Added index to AuditLogDetail table
MTM-71	ADDED	Added the ability to import URL-based files through the Import functionality.
MTM-2530	CHANGED	Enlarged the Extended Data configuration screen to make it more useable.
MTM-2392	CHANGED	The MET/TEAM Server Update installer is now re-runnable. If there were any issues updating MET/TEAM Server, the installer can be run again to repeat the update.
MTM-2337	CHANGED	The MET/TEAM Mobile Check Out process was updated to ensure the correct versions of the prerequisites for running MET/TEAM have been installed on the mobile workstation.
MTM-2257	CHANGED	Added an Admin option to bulk delete Work Orders.
MTM-2248	CHANGED	Updated MET/TEAM online Help.
MTM-2203	CHANGED	The minimum required SQL Server Version for MET/TEAM databases was updated to 2012.
MTM-2185	CHANGED	Raised the minimum supported version of Microsoft SQL Server to 2012.
MTM-2167	CHANGED	Updated the Microsoft WAS/IIS prerequisite to not deploy the .NET 3.5 Framework module.
MTM-1920	CHANGED	Updated the pre-installed Recall Reports to use consistent number formatting.
MTM-1911	CHANGED	Updated the pre-installed Recall Reports to use consistent text formatting and titles/headings.

Key	Issue Type	Description
MTM-1821	CHANGED	Corrected unit symbol codes in the default database.
MTM-1788	CHANGED	Changed the way that the MET/CAL Editor consumes MET/CAL licenses. Each user now will only use one license for all MET/CAL Runtime or MET/CAL Editor sessions on each workstation.
MTM-1713	CHANGED	Made a change to improve the saving speed of the Combine Work Order function.
MTM-1540	CHANGED	Made a change to fully record the procedure that was run to generate a specific result record on the Work Order.
MTM-1463	CHANGED	Updated Crystal Reports redistributable to version 13 SP28
MTM-1239	CHANGED	Made a change to the behavior of Checkbox, Y=Pass, and Y=Fail row types in Manual Templates to default to blank and save the resulting value as expected.
MTM-961	CHANGED	The Allow Nominal Value Adjustment column has been made available to be added to the Find screen for Manual Templates.
MTM-949	CHANGED	When the Nominal is adjusted during a manual calibration using a manual template, the limits are automatically re-calculated based on the formula stored with the template row.
MTM-865	CHANGED	Updated the installation guide to reflect the latest installation process.
MTM-829	CHANGED	Made a change to allow the use of the Alerting data check in MET/TEAM Express. Other data checks are still unavailable in the Express edition.
MTM-745	CHANGED	Made a change to make the log file from a Manual Template import more visible.

Key	Issue Type	Description
MTM-709	CHANGED	Added localization for the list of Affected Pages in the Edit Data Check screen.
MTM-646	CHANGED	Made a change to reference Data Check SQL functions by their unique identifier instead of their name so that names can be re-used in different Data Checks.
MTM-471	CHANGED	Made a change to use the Microsoft OLE DB driver for database connections by the Alerting and Report engines.
MTM-387	CHANGED	Made a change to the Help > Website menu link to default to the Fluke Calibration Technical Support website instead of the Fluke Calibration website.
MTM-38	CHANGED	Made a change so that selecting Management > Quote from the menu launches a find screen instead of creating a new quote.
MTM-25	CHANGED	Updated MET/TEAM and MET/CAL installers to require minimum Operating System of Windows 8.1 or Windows Server 2012 R2.
MTM-13	CHANGED	Made changes to the MET/TEAM logging, improving the amount of logging and implementing verbosity and retention settings for the log files that are created.
MTM-1	CHANGED	Made a change to make logged errors more readable and clear in the log files.
MTM-3114	FIXED	Addressed an issue where copying a manual calibration may be assigned the same ordinal as the one it was copied from.
MTM-3105	FIXED	Resolved an issue when combining work orders with manual results.
MTM-3033	FIXED	Resolved an issue when performing a Copy on a batch calibration.

Key	Issue Type	Description
MTM-3006	FIXED	Resolved an issue that caused exception messages to be written to the log file when calculating the balance for a Job Number.
MTM-2916	FIXED	Addressed an issue where a procedure without a procedure category may yield an error when trying to execute the Batch functionality on the Work Order.
MTM-2783	FIXED	Disabled Edit Combo Data functionality on drop-downs where editing is not supported.
MTM-2176	FIXED	Resolved an unhandled exception during the receiving process.
MTM-2121	FIXED	Addressed an issue with Customer Portal, where the Find data export to csv may fail
MTM-2056	FIXED	Resolved an issue that caused deleted Log Notes to appear in the WorkSheetUID report.
MTM-2047	FIXED	Resolved an issue that caused all extended data fields to appear as combo box fields in Find screens when any of the fields was configured as a combo box field.
MTM-1812	FIXED	Resolved an issue that would sometimes cause the Audit Reason not to be saved on the Tool Assignment screen when Change Tracking and Auditing were enabled.
MTM-1803	FIXED	Made a change to prevent a weekly recall schedule from being saved with no days selected.
MTM-1704	FIXED	Resolved an issue with the MET/TEAM installers when the Application Pool Identity user account could not be validated, the installation my proceed anyway.

Key	Issue Type	Description
MTM-1686	FIXED	Resolved an issue that caused the alerting engine to not work properly if the locale was not set to US during set up.
MTM-1636	FIXED	Resolved an issue that caused the data check for section completion verification of sectioned MET/CAL procedures to falsely report status.
MTM-1624	FIXED	Resolved an issue where blank values in the Manual Templates sys_actual field were being stored as 0 rather than NULL in the database.
MTM-1612	FIXED	Resolved an issue where extended ASCII characters did not transfer properly from Receiving Notes to the Work Order fields.
MTM-1552	FIXED	Resolved an issue that would occasionally cause errors to occur when writing MET/CAL procedure results to MET/TEAM when Windows Authentication is enabled.
MTM-1439	FIXED	Resolved an issue where French customers were unable to register MET/TEAM.
MTM-1427	FIXED	Resolved an issue where it was not possible to edit extended ASCII characters in the Work Order Results.
MTM-1366	FIXED	Resolved an issue where weekly and monthly recall alerts did not send at the expected time.
MTM-1264	FIXED	Resolved an issue where running a procedure from the Work Order did not use the expected procedure file.
MTM-1179	FIXED	Resolved an issue where parts of the Edit Data Check screen did not show all the available lines of code.
MTM-1131	FIXED	Resolved an issue that sometimes prevented users from being force logged off of MET/TEAM by an administrator.

Key	Issue Type	Description
MTM-1119	FIXED	Resolved an issue that prevented the Edit Control Security functionality from working as expected on subsequent clicks in the same screen.
MTM-1071	FIXED	Resolved an issue where the Stock Number field was read-only in MET/TEAM Express.
MTM-1059	FIXED	Resolved a configuration issue on the Asset Files table in the database structure.
MTM-616	FIXED	Resolved issues with the Recall Alerting report.
MTM-604	FIXED	Resolved an issue looking up Units when writing results to the database that would occasionally cause an error.
MTM-555	FIXED	Resolved an issue where the Find Asset screen would not use all available scheduled services while searching.
MTM-495	FIXED	Addressed an issue where extended data fields added to the Work Order Find screen setup may not reflect the chosen field name.
MTM-459	FIXED	Resolved an issue where extended ASCII characters could not be used in the Remarks field of results data.
MTM-375	FIXED	Resolved an issue where the result of a Checkbox row type in Manual Templates was not saved to the database.
MTM-374	FIXED	Resolved issue where some reports worked via MET/TEAM but not via the alerting engine.
MTM-349	FIXED	Resolved an issue that prevented users with an Italian OS from registering MET/TEAM.

Key	Issue Type	Description
MTM-337	FIXED	Resolved an issue where Manual MET/CAL procedures that were migrated to MET/TEAM were categorized as MET/CAL instead of MET/TEAM Manual Templates.
MTM-219	FIXED	Resolved an issue where Security Control Groups could sometimes become corrupted and prevent proper operation.
MTM-195	FIXED	Resolved an issue where Combo Box items did not appear to be deleted from the available list after a user deleted them.
MTM-183	FIXED	Resolved an issue that prevented editing result fields that contained the "%" symbol.
MTM-110	FIXED	Resolved an issue that would occur on some non-English systems during the Mobile Check-Out process related to the date format.
MTM-73	FIXED	Resolved an issue where NULL was not treated as "No" when searching based on checkbox fields in Find screens.
MTM-72	FIXED	Resolved an issue that prevented custom labels on the Assigned Location field from being reflected in the Tool Assignment Find screen.
MTM-70	FIXED	Resolved an issue where the Level parameter was ignored on the Recall Alerting and Tool Assignment recall reports.
MTM-68	FIXED	Resolved an issue where Combo Box items that matched translated strings from other parts of the application did not reflect their proper casing.
MTM-53	FIXED	Resolved an issue where the Asset Tree view would freeze if a circular reference existed.
MTM-40	FIXED	Resolved an issue where fields configured as Required were not being enforced on secure installs (using HTTPS).

Key	Issue Type	Description
MTM-39	FIXED	Resolved an issue that caused users whose user name began with the letters "u" or "x" to encounter blank screens when Windows Authentication was enabled, and users whose first or last name contained an apostrophe to encounter a blank Work Order screen.
MTM-37	FIXED	Resolved an issue where server names containing a period (".") were mishandled by the installer.