MET/TEAM 3.1.0 README

This document includes information related to MET/TEAM 3.1.0 relative to version 3.0.0.

If you are updating an existing MET/TEAM installation, you must be running version 3.0.0 before updating to version 3.1.0. To update from version 3.0.0, 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.

READ THESE BEFORE STARTING!

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

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

View MET/CAL ReadMe
Click the above link to view the ReadMe document for MET/CAL v10.5.0

View MET/TEAM ReadMe
Click the above link to view the ReadMe document for MET/TEAM v3.1.0

Fluke MET/TEAM Server
To setup a new MET/TEAM system, click this link to launch the MET/TEAM Server v3.1.0 installer

Update Fluke MET/TEAM Server
Update an existing MET/TEAM system to v3.1.0

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 v3.0.0	- Run the current MET/TEAM Server Update installer to update to v3.1.0 - If you wish to use the MET/TEAM API, this feature must be installed using the MET/TEAM Server installer or MET/TEAM Server Update installer for version 3.0.0 prior to updating to version 3.1.0.
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.

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Update Fluke MET/TEAM Server
Update an existing MET/TEAM system to v3.1.0

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 3.1.0?

- MET/TEAM can be installed as a secure site
- Added locking feature for Problem Reports and Procedures
- New version of the MET/TEAM API which includes new endpoints and updated content in existing endpoints. MET/TEAM API Help documents are also deployed by the installer to the shared folder.
- Resolved an issue where the MET/TEAM API would not work with the Express version of the application
- New System Default setting to control downloading MET/CAL configuration files to workstations
- Change tracking and audit support for Manual Templates has been completed
- Add File buttons throughout the application can be secured
- Ability to merge a PDF file with the certificate PDF file when the Work Order is closed
- Ability to view logged in users without logging in when all licenses are in use
- Work order batch process allows selection of the information to be copied
- Resolved some issues with Mobile Check Out that caused failures on some systems, including secure MET/TEAM websites
- Deploy Visual Studio 2015 Isolated Shell Update 3 offline installer packages with the MET/CAL installer
- 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.

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!**
- A simplified installer has been created for updating MET/TEAM Server from version 3.0.0. 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 3.1.0 CHANGES

Key	Issue Type	Description
MTM-1354	ADDED	Added configured Asset Extended data fields to bulk change list of available fields
MTM-1390	ADDED	A button has been added to the manual calibration page, that allows direct access to the procedure file that contains instructions or further information for the technician.
MTM-1486	ADDED	Added visual indicator while a manual template is being loaded.
MTM-1600	ADDED	Added a new System Default "Download config files from database on startup" that determines whether all MET/CAL workstations will download their configuration files from the MET/TEAM database when MET/CAL is launched. This setting is active by default.
MTM-3340	ADDED	Manual spreadsheet data sheets uploaded into a work order are now replicated onto the Files tab, to provide access to calibration results from Customer Portal for spreadsheet data.
MTM-3729	ADDED	Added asset extended data to AssetByBarcode endpoint in MET/TEAM API.
MTM-3738	ADDED	Added work order extended data to ResultsByWorkOrder endpoint in MET/TEAM API.
MTM-3747	ADDED	Added the asset/assetsbyfield endpoint to query a list of Barcodes based on search criteria passed in the body of the request in MET/TEAM API.
MTM-3765	ADDED	Added the asset/workordersbyfield endpoint to query a list of Barcodes and Work order numbers based on search criteria passed in the body of the request in MET/TEAM API.
MTM-3846	ADDED	Returning now allows for filtering closed work orders by the facility

Key	Issue Type	Description
MTM-3855	ADDED	The Procedure Section Ordinal has been added to the resultsbyworkorder endpoint in MET/TEAM API.
MTM-3927	ADDED	Added locking feature for Problem Reports, driven by the approver field.
MTM-3964	ADDED	Change tracking and audit support for manual templates has been completed.
MTM-3991	ADDED	Added a new character field and flag to the asset page, called Optional and Optional 1, respectively. The contact from the tool assignment is now stored in a character field on the asset page, called Assigned Contact.
MTM-4037	ADDED	Added locking feature for Procedure records, driven by the approver field.
MTM-4100	ADDED	Added the FixedQuantity, FixedQuantityUnit, VariableQuantity and VariableQuantityUnit fields to the points in MET/TEAM API.
MTM-4127	ADDED	PointsByResult end point now includes DUT resolution and DUT resolution unit in MET/TEAM API.
MTM-4166	ADDED	Added TLS settings check and support for installing MET/TEAM website as HTTPS to MET/TEAM Server installer
MTM-4245	ADDED	An entry field was added to the Returning screen, where the person that received the returned asset can be entered, which is stored with and can be viewed on the work order.
MTM-4299	ADDED	Added the ability to secure the Add File buttons throughout the application.

Key	Issue Type	Description
MTM-4452	ADDED	Added the asset/updatedassets endpoint to query a list of barcodes for assets that have been updated since a specified date/time in MET/TEAM API.
MTM-4461	ADDED	Added the asset/updatedworkorders endpoint to query a list of barcodes and work order numbers that have been updated since a specified date/time in MET/TEAM API.
MTM-4555	ADDED	Added a feature to merge a PDF file with the certificate PDF file when the Work Order is closed. See the MET/TEAM Help for details on this new feature.
MTM-4565	ADDED	Two check boxes were added to the work order page, which can be customized for specific uses by adjusting the label.
MTM-4620	ADDED	The 11 flag columns (check boxes) from the Work Order have been added to the resultsbyworkorder endpoint in MET/TEAM API.
MTM-4680	ADDED	Added the ability to view logged in users without logging in when all licenses are in use.
MTM-4741	ADDED	A Refresh button was added to the Add Criteria screen on Find windows.
MTM-5043	ADDED	Added the Disposition, Active, Recalled Asset, On Site, Standard and Not Tracked fields to the assetbybarcode endpoint in MET/TEAM API.
MTM-5190	ADDED	The change tracking history can now be accessed on work order log notes.
MTM-5473	ADDED	Added the MOD1 field to the pointsbyid endpoint in MET/TEAM API.
MTM-5513	ADDED	Added TLS settings check to MET/TEAM Mobile Prerequisites installer
MTM-5623	ADDED	Added TLS settings check to MET/TEAM Customer Portal installer

Key	Issue Type	Description
MTM-5633	ADDED	Added TLS settings check to MET/TEAM Server Update installer
MTM-567	ADDED	Added a checkbox to the Standard Note field on the Bulk Change dialog to disable appending generic notes during bulk change events.
MTM-3349	CHANGED	Added additional fields to Find screen for Problem Reports
MTM-3864	CHANGED	When copying a procedure, the Approved By field is now set to blank on the copy.
MTM-3918	CHANGED	Changed the behavior of the QC Approved By and QC Approved Date fields on the Work Order to be cleared when editing a work order if the person editing the work order was not the previous approver.
MTM-4000	CHANGED	Added upper and lower limit fields to the pointsbyid endpoint in MET/TEAM API.
MTM-4018	CHANGED	Traceability is now based off the asset barcode instead of the cID field.
MTM-4109	CHANGED	Corrected the list of available fields in the generated list when editing Data Checks.
MTM-4157	CHANGED	ManualTemplateFields.rpt has been updated for efficiency and performance.
MTM-4263	CHANGED	Replaced the Visual Studio 2015 Isolated Shell Update 3 online installer with the offline version.
MTM-4353	CHANGED	When using the Average Calculator for Manual Template calibrations, the individual point readings are now stored in the database, capturing a snapshot of the most recent update to the field.
MTM-4398	CHANGED	The Find screen for Facilities was enhanced to include all searchable fields, including extended data

Key	Issue Type	Description
MTM-4434	CHANGED	Reinstated the error message display in case the attempt is made to save a manual template without a name.
MTM-4480	CHANGED	Added the ability to delete an asset that has a file associated with it.
MTM-4489	CHANGED	When using Migration Tools, I4255 is now migrated to AssetEx.nField4
MTM-4590	CHANGED	When adding standards to a work order, the Find results can now be filtered by the facility the user is logged into (Associated Lab).
MTM-4600	CHANGED	Work order batch process allows selection of the information to be copied.
MTM-4610	CHANGED	Resolved an issue with the MET/TEAM Import with the Update Existing Data option selected, where items created did not receive the proper default values.
MTM-4630	CHANGED	Work order notes fields allow the labels to be changed, required, secured, hidden and disabled.
MTM-4640	CHANGED	The column order for the assets on a manual batch calibration is now determined by the sort order chosen on the batch grid.
MTM-4650	CHANGED	Work order Service tab fields have been reorganized for better flow.
MTM-4701	CHANGED	Stored procedure Ver_8_Cert_Sp has been updated, mapping C2321 to CallSheetEx.cField5 instead of CallSheetEx.cField16
MTM-4761	CHANGED	Trace records are now sorted in descending chronological order, based on the service date.
MTM-4844	CHANGED	After returning a work order or updating a locked workorder, the CallSheetFiles entries in the history log show the application as MET/TEAM

Key	Issue Type	Description
MTM-4854	CHANGED	Added audit password prompt to returning when auditing is enabled.
MTM-4864	CHANGED	The MET/TEAM API Help files are deployed to the %programfiles%\Fluke\METTEAM\Help folder on the MET/TEAM server.
MTM-4983	CHANGED	The resultsbyworkorder endpoint in MET/TEAM API now accommodates multiple records matching the barcode and work order number.
MTM-3096	FIXED	Resolved an issue with MET/TEAM Server installer setting the database owner when installing on non-English systems and SQL Server is on a separate machine.
MTM-3891	FIXED	Resolved multiple issues related to incorrect labels and quick links for fields connected between the Asset, Type, and Work Order screens.
MTM-3909	FIXED	Extended data fields set up as a combo will now appear as such on MET/CAL prompts
MTM-3973	FIXED	Resolved an issue with tool assignments where a record that has extended data or an attached file cannot be deleted.
MTM-4175	FIXED	Resolved an issue that potentially checked the drive where the SQL Server database log files were written for adequate space during a Mobile Check Out instead of the drive where the database itself is located.
MTM-4545	FIXED	Resolved an issue with Mobile Check Out that caused a failure on systems that used any character other than "/" as the date separator.
MTM-4691	FIXED	Resolved an issue where the comma separator could not be used in the Commerce Module.
MTM-4751	FIXED	Resolved an issue where the Bulk Change operation did not trigger the Auditing workflow.

Key	Issue Type	Description
MTM-4794	FIXED	Resolved an issue regarding using the Delete and Backspace keys to edit the date field values on the Edit Asset screen.
MTM-4940	FIXED	An erroneous message regarding quoted data was removed from the import validation.
MTM-5003	FIXED	Resolved an issue that did not show the proper icon in the RESULT column of the MET/CAL Results view for tests with a marginal result.
MTM-5127	FIXED	Extended data is copied to the correct fields when creating a copy of an Asset.
MTM-5294	FIXED	Resolved an issue where a work order change was indicated when a log note with the same status as the work order was added.
MTM-5307	FIXED	Resolved an issue where the Add Criteria screen would sometimes not render the scroll bar correctly.
MTM-5348	FIXED	Resolved an issue where the MET/TEAM API would not work with the Express version of the application.
MTM-5543	FIXED	Resolved an issue where a blank error message was displayed when attempting to add a facility record to a contact record when it had already been added.
MTM-5563	FIXED	Resolved an issue where the Help > About screen would sometimes not render properly.
MTM-5643	FIXED	Resolved an issue that prevented MET/TEAM Mobile from working on secure servers under some conditions.