

MET/CAL 10.6.0 README

This document includes information related to MET/CAL 10.6.0 relative to version 10.5.1. This version of MET/CAL is compatible with MET/TEAM version 3.2.0 and MET/CONNECT version 2.1.0.

WHAT'S NEW IN VERSION 10.6.0?

- New Instrument FSC for Fluke 9500B.
- New MET/CAL Prompt configuration method (replacing text-based files with MET/TEAM records).
- New MET/CAL Prompt features (able to use the variable file in procedure code in MET/CONNECT mode)
- New MATH FSC Functions to use MET/TEAM field names instead of mapping MET/TRACK field numbers for database lookups.
- New VSET/TSET FSC function for changing the adjustment threshold in a procedure and changes to existing functions.
- For a complete list of issues resolved, see the table below.

Note: For this release of MET/CAL, there has been a significant change with the way MET/CAL Prompts are defined and selected when using MET/TEAM. The prompt definitions are now created in MET/TEAM and are stored in the MET/TEAM database. If you are upgrading from a previous version and have been using customized pre- and post-prompts in MET/CAL, you will be required to recreate your custom prompts using the new designer in MET/TEAM and change the MET/CAL configuration to reference your newly created prompts. If you are using the default prompts that were distributed with an earlier release of MET/CAL (*_mt.txt files), you simply need to change the MET/CAL configuration to reference the new "Default" prompts. If you do not make these changes, the full Work Order screen will be displayed instead of the expected prompts. If you are not using MET/CAL Prompts, no action is necessary.

MET/CAL 10.6.0 DISTRIBUTION

Note: MET/CAL version 10.6.0 is compatible with MET/TEAM version 3.2.0 and MET/CONNECT version 2.1.0. Attempting to use it with earlier versions of MET/TEAM or MET/CONNECT will result in an error at attempted login.

The MET/CAL Client version 10.6.0 installer is distributed with MET/TEAM version 3.2.0 and MET/CONNECT version 2.1.0.

NOTE: The Microsoft Visual Studio 2015 Update 3 prerequisite (required by MET/CAL Editor) includes the offline installer packages so that no internet connection is required for installation.

The MET/CAL Client installer must be run on all MET/CAL workstations to perform an update to version 10.6.0. The installer can also be used to set up new MET/CAL workstations.

MET/CAL 10.6.0 CHANGES

Key	Type	Description
MC-6386	ADDED	MET/CAL users can now modify the Adjustment Threshold within a procedure by utilizing a new VSET/TSET FSC function.
MC-6586	ADDED	Added the capability to remember SSO credentials between sessions when using SAML2 Authentication.
MC-7214	ADDED	Implemented the INV2() function for the MATH FSC to support querying asset related fields by table/field name for MET/TEAM. This function is not supported when using MET/CONNECT and always returns an empty string.
MC-7260	ADDED	Implemented the CAL2() function for the MATH FSC to support querying calibration summary (work order) related fields by table/field name for MET/TEAM. This function is not supported when using MET/CONNECT and always returns an empty string.
MC-7291	ADDED	In MET/CONNECT mode, you can now access the Help via the login dialog.
MC-814	ADDED	When configuring instruments, you now have the ability to lookup asset numbers while in MET/TEAM mode instead of just manually typing them in. Depending on your MET/CAL configuration, upon asset selection, you will be warned if the asset has no calibration services, or if the asset is out of calibration.
MCFP-2876	ADDED	A new Instrument FSC was added for the Fluke 9500B.
MC-4910	CHANGED	Procedure header Instrument line can now be as large as 150 characters.
MC-4981	CHANGED	Many new instrument configuration dialogs have been added.
MC-5205	CHANGED	When launching MET/CAL from a Work Order in MET/TEAM, the login process will use the current MET/TEAM facility instead of prompting to select the lab again.
MC-5515	CHANGED	Changed the default remote interface when configuring a Fluke 45 to be Serial.
MC-6214	CHANGED	Updated the MET/CAL Prompts (pre prompt, pass prompt, and fail prompt) in MET/TEAM mode to replace the text file-based system with a new configuration mechanism in MET/TEAM.

Key	Type	Description
MC-6396	CHANGED	Increased the EVAL FSC character limit to match the DISP and RSLT limit (150 characters).
MC-6536	CHANGED	Removed deprecated entries from the default metcal.ini file. Removed unused files from being deployed to the shared folder.
MC-6556	CHANGED	Changed the way MET/CAL checks the various configured files and folders to show the complete list of missing/invalid required ones instead of stopping at the first issue.
MC-7194	CHANGED	Added new instrument configuration dialogs for the Fluke 4180, Fluke 4181, and Fluke 5128A.
MC-7237	CHANGED	Changed MET/CAL to use consistent casing when entering and displaying an instrument Barcode on different screens.
MC-7321	CHANGED	EVAL FSC messages exceeding 74 bytes in length are truncated in the results view since the view doesn't have enough space to display the maximum message length.
MC-7532	CHANGED	Increased the maximum length of the VSET/TSET parameter TSTEP from 16 characters to 50 characters.
MC-3625	FIXED	Resolved an issue with the MET/CAL Client installer regarding the selected language to use for the MET/CAL application.
MC-4718	FIXED	Resolved issues where some units were not being displayed correctly on different operating systems.
MC-5092	FIXED	Corrected an error in the MET/CAL Help System where the list of sensors supported by the 96270A FSC contained some incorrect mode numbers.
MC-5168	FIXED	Resolved an issue where changes to instrument configuration in the MET/CAL Editor were not being updated in the Runtime when attempting to Add/Edit/Delete instruments.
MC-5314	FIXED	Resolved an issue that prevented the RESET FSC from executing correctly when using the VISA, VISA2 and VISASC FSCs.

Key	Type	Description
MC-5475	FIXED	Corrected an error in the MET/CAL Help System where the non-existent Fluke 525A-P01 was listed as a pressure module in the P525 FSC topic.
MC-5535	FIXED	Resolved an error in the MET/CAL Help System where the Setup parameter was missing from the 52120A FSC topic.
MC-5907	FIXED	Resolved an issue where PXEs named with extended characters in the file names would not work properly.
MC-6060	FIXED	Resolved an issue that would cause an erroneous error when using a User-Defined coil in the 5080A, 5502E, 5502A, and 5522A FSCs.
MC-6110	FIXED	Corrected an error in the MET/CAL Help System where the 8588A FSC topic did not contain documentation of the ResistanceMeasurementType parameter.
MC-6172	FIXED	Resolved an issue in the MET/TEAM version of the MET/CAL Help that caused the descriptions of the Database functions for the MATH FSC to be missing.
MC-6182	FIXED	Resolved an issue with the MATH FSC ListBox dialog when using the LBText option and pressing the ENTER key to select the Advance button.
MC-6192	FIXED	Improved floating point rounding to adhere to the "round to even" rule as closely as possible.
MC-6296	FIXED	Resolved an issue that would cause MET/CAL to become unresponsive when clicking Cancel on a Post-Prompt dialog when using MET/TEAM.
MC-6416	FIXED	Corrected an error in the MET/CAL Help System to accurately reflect the parameters of the MATH FSC SAFEON and SAFEON functions.
MC-6476	FIXED	Resolved an issue that prevented querying calibration interval information for assets that included one or more special characters in the Barcode field. Special characters include: Single quote (Apostrophe), Asterisk, Percent, Question mark, Less than, Greater than, Hashmark/number sign, Curly braces (opening & closing), Square brackets (opening & closing), Parentheses (opening & closing), Comma

Key	Type	Description
MC-6486	FIXED	Changed an error message that was displayed after deleting lines from a procedure and immediately attempting to start a Test Run to indicate the project or solution needs to be rebuilt.
MC-6506	FIXED	Resolved multiple potential causes of unhandled exceptions in Runtime and Editor applications.
MC-6526	FIXED	Resolved an issue where the Error result was not being properly calculated when executing a Test Run of a procedure in MET/CAL Editor.
MC-6658	FIXED	Fixed issues where special characters were not being handle correctly when entered into a prompt or used in an instrument name.
MC-6758 MC-7002 MC-7012 MC-7022 MC-7032 MC-7042 MC-7062 MC-7072 MC-7082 MC-7092 MC-7102	FIXED	Resolved errors in the Fluke Calibrator (5080A, 5502E, 5502A, 5522A, and 5730A) FSC Help topics.
MC-6982	FIXED	Enabled localization of the Test Results window title in the MET/CAL Editor.
MC-7112	FIXED	Resolved an issue where the "Everyone" permission was not working properly with MET/CAL Security.
MC-7204	FIXED	Resolved an issue where the MATH FSC's NCAL and CAL functions would only work for the first 25 results for an asset.
MC-7331	FIXED	Resolved an issue where a device-mapped standard wasn't getting linked to the results.
MC-7351	FIXED	Resolved an issue using the Log In as a New User menu option when switching between "admin" and standard user accounts.

Key	Type	Description
MC-7362	FIXED	Addressed an issue where a failed procedure result may present the user with the pass prompt and vice a versa.
MC-7689	FIXED	Resolved an issue with the Help > FSC Help menu item not responding when no procedure file is open.