MET/CAL 10.2.0 README

This document includes information related to MET/CAL 10.2.0 relative to versions 10.1.1 and 10.1.2. This version of MET/CAL is compatible with MET/TEAM version 3.0.0.

WHAT'S NEW IN VERSION 10.2.0?

- Significant speed improvements throughout the application, especially when writing results to MET/TEAM
- Many instrument configuration dialogs have been updated, including a new filterable instrument list
- Improved logging and log file collection feature to assist Technical Support in troubleshooting issues
- MET/CAL license sharing improvements
- Automatically reconnect to MET/TEAM if the connection is lost
- New FSCs have been added for the 8558A, 5322A, 4180 and 4181 instruments
- Resolved multiple causes of "cal-dump" errors that prevented results from being written to MET/TEAM
- Many other improvements, enhancements, and bug fixes
- For a complete list, see the table below

MET/CAL 10.2.0 DISTRIBUTION

Note: MET/CAL version 10.2.0 is only compatible with MET/TEAM version 3.0. Attempting to use it with earlier versions of MET/TEAM will result in an error at attempted login.

The MET/CAL Client version 10.2.0 installer for MET/TEAM is distributed with MET/TEAM v3.0. The installer files are deployed to the MET/TEAM server's shared folder (typically found locally on the server at C:\Program Files (x86)\Fluke\METTEAM\Installers\METCAL or at \\<your_server>\metteam\Installers\METCAL) when the MET/TEAM Server installer or MET/TEAM Server Update installer is run so that all MET/CAL workstations have access to it. The MET/CAL Client installer should be run on all MET/CAL workstations to perform an update to version 10.2.0. The installer can also be used to set up new MET/CAL workstations.

ADDITIONAL NOTES

Due to the changes to the log files generated by MET/CAL, it may be beneficial to remove all existing log files from each MET/CAL workstation. Log files are typically located in the current user's %TEMP%\Fluke folder. After installing MET/CAL version 10.2.0, check the logging settings on the Workstation Configuration page on the CONFIGURE tab in the MET/CAL runtime application or the Tools > MET/CAL Configuration menu in the MET/CAL Editor application. The same settings are used by both applications, so changing them in one application is reflected in the other. Refer to the online help for details on the logging settings and their use, as well as details of the log files generated and their locations.

It is recommended to leave the logging verbosity setting to either *Minimum* or *Normal*. Only use *Detailed* when needed for troubleshooting purposes.

MET/CAL 10.2.0 CHANGES

Key	Type	Description
MC-1523	ADDED	Implemented a new feature when using MET/TEAM that optionally links the PXE file and procedure to the selected DUT asset record's type, depending on the state of a MET/TEAM System Default setting.
MC-1140	ADDED	Added a feature to easily gather MET/CAL Editor log files to provide to technical support.
MC-1066	ADDED	Added a feature to easily gather MET/CAL log files to provide to technical support.
MC-671	ADDED	Added the ability to perform partial string searches when adding configured instruments in MET/CAL.
MC-1827	CHANGED	Updated the Instrument Configuration dialogs for manual user configured instruments.
MC-1702	CHANGED	Updated the Instrument Configuration dialog for the Agilent E4419B.
MC-1693	CHANGED	Updated the Instrument Configuration dialog for the Agilent E4418B.
MC-1684	CHANGED	Updated the Instrument Configuration dialog for the Agilent ESA.
MC-1675	CHANGED	Updated the Instrument Configuration dialog for the Agilent PSA.
MC-1621	CHANGED	Updated the Instrument Configuration dialog screens for the Agilent 53181A.
MC-1606	CHANGED	Updated the Instrument Configuration dialog screens for the Agilent 53131A and 53132A.
MC-1597	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 9640A-LPN and 9640A-LPNX.

Key	Type	Description
MC-1582	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 9640A.
MC-1489	CHANGED	Updated the Instrument Configuration dialog screens for the Datron 9100.
MC-1464	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 5820A.
MC-1447	CHANGED	Updated the Instrument Configuration dialog screens for the 5800A.
MC-1410	CHANGED	Made a change to make the re-connection process of MET/CAL to MET/TEAM more robust and reliable when a connection to the server is lost temporarily or the application pool recycles.
MC-1399	CHANGED	Updated the Instrument Configuration dialog screens for the HP 34420A.
MC-1390	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke PM 6306.
MC-1381	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke PM 6304.
MC-1372	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 8508A.
MC-1354	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 6100A.
MC-1286	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 6105A.
MC-1274	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 6100B.

Key	Type	Description
MC-1262	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 5320A and 5322A.
MC-1250	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 5080A.
MC-527	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 96270.
MC-503	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 5700A, 5720A, and 5790B.
MC-491	CHANGED	Updated the Instrument Configuration dialog screens for the Fluke 5730A, 52120A, 5502E, 5502A, 5520A, 5522A, 96040A and HP 3458A.
MC-479	CHANGED	Updated the Instrument Configuration dialog screens for the following instruments: Agilent 33220A, Agilent 33250A, Clarke Hess 6000, Clarke Hess 8100, Datron 9000, Fluke 2620T, Fluke 2635T, Fluke 45, Fluke 525A, Fluke 525B, Fluke 5450A, Fluke 5790A, Fluke 6060B, Fluke 7526A, Fluke 8502A/05A, Fluke 8588A, Fluke 8558A, Fluke 8842A, Fluke 8845A, Fluke 8846A, Fluke 8920A, Fluke PM 6304C, Guildline 6520, HP 33120A, HP 34401A, HP 437B, HP 6060B, HP 6063B, HP 8560, HP 8566B, HP 8568B, HP 8590, HP 8648, HP 8901B, HP 8902A, HP 8903B, Keithley 2000, Keithley 2001, Keithley 2002, Marconi 2024, Philips PM 5191, Philips PM 5192, Philips PM 5193, Rohde & Schwarz SMY02, Tegam SG5050, Tektronix CG5001, Tektronix CG5011, Tektronix DMM4020, Tektronix DMM4040, Tektronix DMM4050, Tektronix SG5030, Wavetek 195, Wavetek 395, Wavetek 39A
MC-467	CHANGED	Made a change to the way that the list of available configured instruments is displayed.
MC-371	CHANGED	Updated the MET/CAL Client installer to deploy the Visual Studio 2015 Isolated Shell.

Key	Type	Description
MC-275	CHANGED	Updated the Chromium embedded browser framework used to display MET/TEAM dialogs.
MC-263	CHANGED	Updated MET/CAL Editor to use Microsoft Visual Studio 2015 Shell (Isolated).
MC-14	CHANGED	Made significant changes to the logging of MET/CAL, including verbosity and retention settings.
MC-2140	FIXED	Resolved an issue that would prevent a PXE file from having the Package Date property set automatically under certain circumstances.
MC-2061	FIXED	Resolved an issue where using the default value of NTHROW (-1) with TARGET -m statements in a test in a procedure caused uncertainties to not get calculated.
MC-1998	FIXED	Resolved an issue that was preventing dialogs in the embedded browser window from appearing in the correct language when using MET/TEAM.
MC-1952	FIXED	Resolved an issue that caused the System Actual value to be stored as the DUT Indicated value in MET/TEAM when using sourcing FSCs in a MET/CAL procedure.
MC-1942	FIXED	Resolved an issue where the word "NONE" was not always translated.
MC-1783	FIXED	Resolved an issue with the MATH FSC when using the "CAL" function that would not return dates in the proper order.
MC-1747	FIXED	Resolved an issue that displayed a vague message that the interval unit is not supported when a standard required for executing a procedure has no calibration history or scheduled services.

Key	Type	Description
MC-1546	FIXED	Resolved issues that would sometimes result in a failure to save MET/CAL data to MET/TEAM at the end of a procedure and report a "Default call sheet result not found" error.
MC-1438	FIXED	Resolved an issue that could prevent SQL replication from working properly while data was being written.
MC-1419	FIXED	Resolved an issue that caused an error when writing results to the database when MET/CAL could not properly interpret a Unit while executing a procedure.
MC-1345	FIXED	Resolved an issue that would occasionally cause out of memory errors.
MC-1312	FIXED	Resolved an issue that caused an error when writing results to the database when a procedure required a new Unit record to be created in the database.
MC-1189	FIXED	Resolved an issue that prevented MET/CAL procedures with large amounts of data from saving to the database successfully.
MC-1165	FIXED	Resolved an issue where the GB_Result parameter was not being handled correctly and fixed its hierarchy of setting to match other VSET and TSET parameters.
MC-1102	FIXED	Resolved an issue where field names in the Asset Information screen in MET/CONNECT mode were not translated.
MC-1090	FIXED	Resolved an issue where the buttons generated via the PIC FSC were not translated in foreign language versions.
MC-1078	FIXED	Resolved an issue where the Test Evaluation dialog caused errors in some foreign language versions.
MC-886	FIXED	Resolved an issue where the DISP FSC would sometimes behave incorrectly in foreign language versions.

Key	Type	Description
MC-862	FIXED	Resolved an issue that caused an error when writing results to the database when a procedure required a new Unit record to be created in the database.
MC-838	FIXED	Resolved an issue where some message titles in MET/CAL were not translated in foreign language versions.
MC-793	FIXED	Resolved an issue where running a MET/CAL procedure when the Work Order contained Service and Due Dates that were in the past caused MET/CAL to fail when saving data to MET/TEAM.
MC-635	FIXED	Resolved issues where some Chinese connection messages would not display correctly.