

MET/CONNECT 2.1.0 README

This document provides information for the MET/CONNECT 2.1.0 release.

WHAT'S NEW IN VERSION 2.1.0?

- MET/CONNECT version 2.1.0 can be deployed as a new system and can also update any prior MET/CONNECT version 1.x or 2.x system
- A new release of MET/CAL (version 10.6.0) is included with this release
- The ability to generate a PDF at the end of a calibration instead of or in addition to the CSV export has been added, including the Export Settings menu/dialog to control this process.
- Pre and Post prompts now support setting variables that can be accessed in MET/CAL procedures
- In MET/CONNECT API version 4:
 - The "asset" endpoints have been changed to "result"
 - Added a new endpoint, "pointsfullbyid", that includes all available fields
 - Added a new endpoint, "resultpdfbyworkorder", for generating a PDF from the results on a workorder
 - The "pointsbyid" endpoint now includes TUR (TUR was also added to the CSV export)
- All MET/CAL applications (Runtime and Editor) running on a workstation now share a single license; a USE COUNT field as added to the Manage Licenses grid indicating how many applications are logged in
- For a complete list, see the table below

REQUIREMENTS AND CONFIGURATION DETAILS

The MET/CONNECT Server installation has the following requirements:

- MET/CONNECT Server can only be installed on **64-bit Windows 10** or **Windows Server 2012 R2** or later operating systems
- MET/CONNECT Server requires an instance of **SQL Server 2016** or later. You must provide the installer with credentials to set up the database
- MET/CONNECT Server requires **Internet Information Services (IIS)**. The installer will attempt to enable and configure IIS automatically
- MET/CONNECT Server sets up a web site on the server for MET/CONNECT Service (database access for MET/CAL)
- MET/CONNECT Server sets up a web site on the server for MET/CONNECT API (for CMMS integration)
- MET/CONNECT Server sets up TCP port exception rules in the Windows Firewall for the MET/CONNECT Service (port 6382) and MET/CONNECT API (port 6381)
- MET/CONNECT Server sets up a shared folder for and deploys MET/CAL shared files (\metcal)
- MET/CONNECT Server sets up a shared folder for MET/CONNECT files (\metconnect) including the MET/CAL Client installer

MET/CONNECT 2.1.0 CHANGES

Key	Type	Description
METCON-2655	ADDED	Added a new feature to export a PDF data sheet, either at the end of a procedure run in MET/CAL or via an API call, with configuration options.
METCON-2656	ADDED	In MET/CONNECT, when running a procedure and utilizing prompt files, you can now set and use variables that will get saved to the variable file for use as needed.
METCON-2668	ADDED	Added TUR to version 4 of the MET/CONNECT API pointsbyid endpoint and to the CSV export for MET/CONNECT. See the MET/CONNECT API documentation for more details.
METCON-2738	ADDED	Added a new endpoint to version 4 of the MET/CONNECT API, resultpdfbyworkorder, which provides the data stream for a PDF generated in accordance with the Export Configuration settings in MET/CAL, combining all results sets from a given Asset ID and Work Order combination into a single PDF data stream. See the MET/CONNECT API documentation for more details.
METCON-2770	ADDED	Added a new endpoint to version 4 of the MET/CONNECT API, pointsfullbyid, which is similar to the existing pointsbyid endpoint, but includes all available fields from the Points tables, including individual uncertainty contributors. See the MET/CONNECT API documentation for more details.
METCON-2780	ADDED	Append pre-prompt and/or post-prompt labels and values to the results in the CSV export if that option is enabled in the export settings.
METCON-3090	CHANGED	Updated the asset/standardsbyid endpoint for API v1, v2 and v3 to return the standards without any duplicates; The new API v4 endpoint result/standardsbyid also does not return any duplicates
METCON-3007	CHANGED	When upgrading from a previous version of MET/CONNECT Server, the installer now displays the Database Server dialog to allow SQL Server credentials to be selected.
METCON-2967	CHANGED	Renamed the MET/CONNECT API Asset controller to Result for v4. Specifying too few or too many parameters to each endpoint results in a 404 Not Found error in v4.

Key	Type	Description
METCON-2405	CHANGED	All instances of MET/CAL Runtime and MET/CAL Editor running on the same workstation now use a single license. The number of applications using a workstation's license is indicated in the USE COUNT column on the Manage Licenses dialog. When all MET/CAL applications on a workstation are closed, the license is released. Manually releasing a workstation's license causes all MET/CAL applications running on that workstation to lose their connection and must log in again.
METCON-2591	CHANGED	Improvements to the workflow for setting up new security groups and user accounts.
METCON-2600	CHANGED	After successfully applying licenses, the Manage Licenses tab is displayed to show the license information.
METCON-777	CHANGED	Editing and viewing prompt files in MET/CONNECT have an improved user interface.
METCON-1684	FIXED	Resolved an issue that was preventing licenses from being released when closing MET/CAL or when using the Release License feature on the Manage Licenses dialog.