

MFT 40X1 / 40X3 Compatibility with AMS Calibration Assistant

The Application: Device Management is a hot topic in many process industries. The best device management solutions offer effective pre-calibration organization, efficient downloading of work procedures to handheld tools, intelligent handheld calibrators and communicators for executing field work, and dramatically improved post-calibration processing of calibration results, record storage, and information retrieval.

The Meriam Device Management Solution is the only complete solution available from a single manufacturer. Our state of the art DMS Software provides intuitive and powerful pre- and post-calibration functions. And both of our handhelds, the MFC 4100 HART Communicator and MFT 4000 Communicator / Calibrator save field device configurations and calibration results for later upload to DMS. You might say our Device Management Solution is “in sync.”

Competitors to our Handheld and Software products need to be compatible with other manufacturers’ products in order to provide a complete solution to any customer they have. For example, calibrator X needs to be able to communicate with database Y and database Y must be compatible with communicator X.

Question: Can user’s of Rosemount’s AMS software package with Calibration Assistant Snap-On use the Meriam MFT 4000 Calibrator?

Answer: Absolutely! The Meriam MFT with documenting option (MFT 40x1 or 40x3) uses the Field Calibrator Interface (FCINTF) specification for exchanging data with compatible database software products. Since AMS is also FCINTF compatible, the MFT exchanges calibration procedures and calibration results with AMS. Meriam has conducted testing on several types of calibrations to prove compatibility and we have customers using the MFT with the AMS software now. In addition, we are pursuing Emerson’s approval of the MFT for use with AMS and hope to have the MFT listed with other “AMS Aware” products in the next release of AMS.



Summary: The MFT 4000 Series is a very capable Communicator / Multi-Function Calibrator that is quickly becoming a force in the industry. By providing compatibility with AMS and pursuing AMS Aware status in the next AMS release, Meriam continues to make MFT easier to approve for all users - with our own DMS software, or with compatible FCINTF base software products from other vendors.