

Using the Beamex MC5 Fieldbus Calibrator with AMS™ Suite: Intelligent Device Manager

This paper describes how to set up the interface between AMS Device Manager and the MC5 Fieldbus Calibrator.

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Interface for AMS Device Manager and MC5 Fieldbus Calibrator

The Beamex MC5 Fieldbus Calibrator is fully supported in AMS Device Manager. In order to send routes, including FOUNDATION™ fieldbus transmitters, from AMS Device Manager to the MC5 for calibration, the following procedure should be used.

Basic Requirements

In order for the MC5 Fieldbus Calibrator and AMS Device Manager to communicate, you will need:

- AMS Device Manager and the Calibration Assistant SNAP-ON™ application
- MC5 and the QCAL computer communication option
- MC5 and the FOUNDATION fieldbus option
- MC5 with the main firmware version 2.10 or higher (seen in the calibrator startup picture)

Calibration Procedure

Follow these steps send calibration routes from AMS Device Manager to the MC5 Fieldbus Calibrator:

- Select the FOUNDATION fieldbus instrument(s) to be calibrated in AMS Device Manager and set up in a route.
- Check out the route in AMS Device Manager to the MC5.
- Select the instrument in MC5 and press **Edit** to edit the instrument.

- Select the **Instrument Output** page and edit the **Output Method** from **Keyed** to **FOUNDATION H1** (see Image 1).

Image 1: Editing the Output Method in MC5 to FOUNDATION H1.



- Save the instrument and start the calibration normally.
- After the calibration is completed and results are saved in the MC5, results can be upload to AMS Device Manager by checking in the route.



AMS Suite: Intelligent Device Manager powers PlantWeb through predictive and proactive maintenance of intelligent field devices to improve availability and performance.

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