

OpenEnterprise™ Field Tools





Optimize Field Time, Reduce Installation Cost, and Increase User Safety

OpenEnterprise™ Field Tools is a Windows® based configuration software suite designed to perform remote terminal unit (RTU), flow computer, and HART® device configuration and maintenance in the field. Field Tools' key benefit is that it empowers field measurement technicians and engineers with a single software toolkit to perform all necessary configuration and maintenance.

The new single software toolkit is able to launch the configurators for Emerson's family of RTUs and flow computers, including products under the ROC, FloBoss™, and ControlWave® brands.

Additionally, OpenEnterprise Field Tools is a fully-functional HART communicator that supports configuration, troubleshooting, and diagnostics of all wired HART transmitters and *WirelessHART* networks. Installation and set-up time can now be streamlined by leveraging the single tools suite across both RTUs and field devices.

Key Benefits

- **Ease of Use:** built using intuitive graphical user interface
- **Cost Effective:** no need for expensive handheld configurators, HART multiplexers, or gateways
- **Faster Configuration, Commissioning, and Startup Times:** perform device tests and calibrations quickly and efficiently without the need for any Modbus mapping
- **Reduced Maintenance Expenditures:** troubleshoot remotely by monitoring status and diagnostic information
- **Increased User Safety:** no need to climb tanks or go to hazardous areas to make a physical device connection

Purpose

- A toolkit enabling technicians to configure Emerson RTUs and flow computers
- Performs complete HART and *WirelessHART* transmitter configuration and diagnostics using your computer

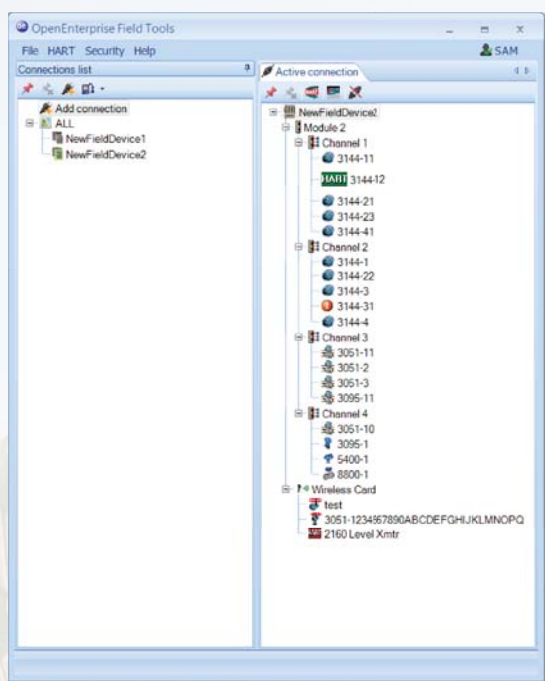
OpenEnterprise Field Tools Features

- Single integrated software tool to configure Emerson RTUs and flow computers (supports ROC800-Series, FloBoss 107, and ControlWave controller products)
- Supports HART Device Configurator (wired and *WirelessHART* transmitters)
- Supports Emerson and third-party HART transmitters and includes the ability to add HART Device Descriptor (DD) files
- Built-in AMS Wireless SNAP-ON™ for *WirelessHART*
- Saves controller connection session profile enabling easier device selection
- Supports plug-and-play with Auto Device Recognition (automatically scans for the HART devices connected to the controllers)
- Works over Emerson's Distributed RTU™ Network
- Supports point-to-point (IP and serial) connection to RTU or flow computer
- Supports both Windows 32- and 64-bit operating systems (Windows 7)



RTU and Flow Computer Configuration

Regardless of your choice of Emerson controller, Field Tools can configure both BSAP and ROC protocol-controllers.



The value of a single highly flexible toolkit is most apparent in typical oil and gas fields, which intermix various controller devices.

HART Device Configuration and Diagnostics

The optional HART Device Configurator supports over 100 HART devices (both Emerson and third-party) commonly found in oil and gas fields. The HART Device Configurator software also enables you to add new devices by simply downloading Device Description (DD) files to the library of supported devices.

- Performs complete HART device configurations using your PC
- Uses DD files installed to display the features and capabilities of the transmitter
- Monitors process variable, multi-variables, and device status
- Permits viewing and editing of HART device variables
- Supports HART 5, 6, and 7 devices
- Enables auto-discovery of commissioned HART devices
- Programs HART transmitters (adding Join Key, Network ID, and 32-character long tag) when directly connected

Field Tools Wireless SNAP-ON Application

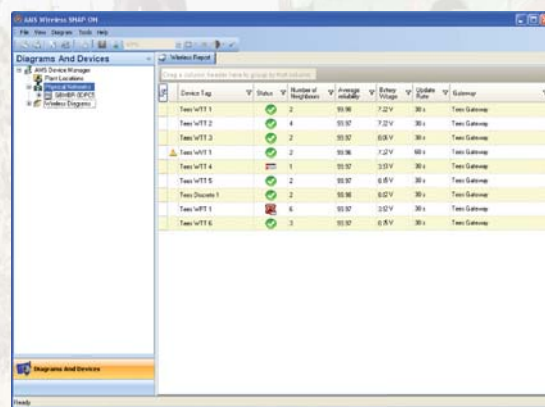
With the Field Tools Wireless SNAP-ON application, it is easy to manage wireless diagnostics:

- Troubleshoot your wireless network quickly and easily with graphical displays
- Maintain your wireless network with reports of key network parameters

Build customized reports with sorting and filtering capabilities that enable you to quickly find the information you need such as:

- Device tag/gateway
- Battery voltage
- Update rate
- Ambient temperature
- Status
- Parents/children/neighbors

If you identify an issue in your network, you can export the report directly to an Excel file.



With the advanced wireless diagnostics functionality available in the Field Tools Wireless SNAP-ON, deploying and maintaining your wireless network has never been simpler.

Find us around the corner or around the world

For a complete list of locations please visit us at www.EmersonProcess.com/Remote



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