

ENHANCED FIELDLOGGER PROVIDES MQTT SUPPORT

SIMPLIFY REAL-TIME DATA UPDATES WITH THE FIELDLOGGER

We are excited to announce an updated version of the FieldLogger from Novus Automation, which now includes native support for data transfer via the MQTT protocol. MQTT is one of the most widely used protocols in [Industrial Internet of Things](#) (IIoT) solutions, and this update allows data collected by the device to be published directly to local or cloud-based [MQTT](#) brokers. This significantly streamlines integration with modern monitoring and analytics platforms.

With the introduction of MQTT, the [FieldLogger](#) now offers even greater flexibility for applications requiring efficient and reliable communication, even over low-bandwidth or intermittent networks. This protocol was chosen for its lightweight nature and high efficiency in real-time data transmission—ideal characteristics for industrial environments that demand robustness and continuous connectivity.

KEY BENEFITS OF THE NEW VERSION:

- Real-time data transmission for immediate updates
- Direct integration with MQTT brokers such as Mosquitto, AWS, and others
- Improved compatibility with IIoT platforms and SCADA systems for quicker startup and deployment

With MQTT support, the FieldLogger becomes an even more versatile solution for integrators, OEMs, and engineers working with automation and process digitalization.

MAIN FEATURES OF THE FIELDLOGGER:

The FieldLogger is a versatile multichannel industrial data logger designed to monitor and record temperature, voltage, 4-20 mA current, and other analog and digital signals. It

offers a host of different connectivity options, providing an efficient solution to capture and record data in cold chains, laboratories, manufacturing, HVAC, and renewable energy applications. It complies with [FDA CFR 21 Part 11](#) requirements for use in regulated industries such as pharmaceuticals and food production.

Other Key Features Include:

- 8 universal analog input channels supporting most common sensor types
- Sample rate up to 1000 readings per second and 24-bit A/D conversion for accurate monitoring
- 8 configurable digital channels and 2 relay outputs to interface with other equipment
- Internal storage for 512k of data with SD card expansion for extended recording
- Versatile connectivity with Ethernet, USB, and RS485 interfaces
- Modbus TCP and RTU communication, master or slave, to interface with sensors and PLCs
- Support for email notifications, web interface, and FTP file transfer
- 32 configurable alarms for quick notification of critical events
- Advanced calculation with mathematical, logical, and trigonometric functions
- Optional removable color TFT QVGA display and keypad for local display and interaction

For more info on [Novus FieldLogger](#), or to find the ideal solution for your application-specific needs, contact a CAS Data Logger Applications Specialist at **(800) 956-4437** or www.DataLoggerInc.com.