

DANIEL™ METERLINK™ DIAGNOSTIC SOFTWARE

Immediately troubleshoot and resolve meter issues before failure occurs

If you can't count on your meters, you can't count on your measurement. That's why engineers around the world trust Daniel smart ultrasonic meters.

Flow dynamics intelligence enables Daniel ultrasonic flow meters to deliver real-time diagnostics, stability and operational cost savings.

The advanced real-time monitoring and alarm capabilities of Daniel ultrasonic meters will not only reduce measurement uncertainty and improve uptime but will also help you rethink measurement practices for bottom line improvement.

Operators can finally take control of flow measurement with easy access to expert flow analysis, flow disturbance alarms and suggested corrective actions.



Know When Your Flow is Disturbed

Daniel MeterLink™ software gives users access to information not seen before and takes complexity out of your flow measurement, empowering your staff to work predictively rather than reactively.

• Baseline Viewer

Provides a single at-a-glance, real-time visual indication that the meter is operating within setpoints of key flow parameters and helps pinpoint conditions that affect flow measurement.

• Continuous Flow Analysis (CFA)

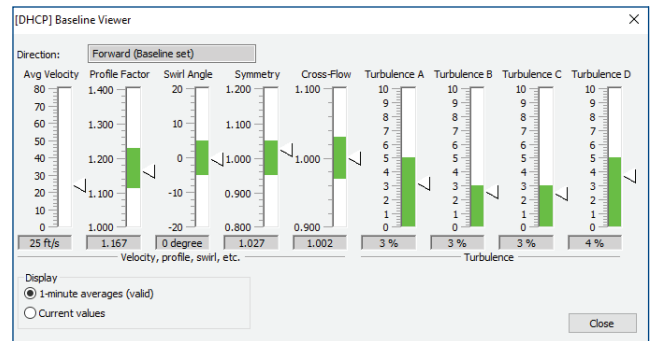
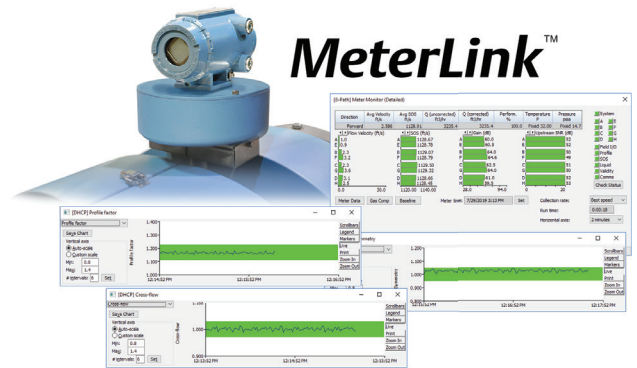
Delivers actionable alarms regardless of your location. CFA expands on the information provided in the MeterLink Baseline Viewer by communicating any identified abnormal flow profiles or process upsets and validating the integrity of the meter and analog measurements.

• Net Monitor

View status of multiple networked flow meters at once providing comprehensive insight to all of your operations.

• Configuration and Reports

Easily access the latest meter configuration, write any necessary changes to the meter, create various reports and collect historic or current logs.



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Software Requirements

- Windows 7, 8.1 or 10
- Microsoft Office 2010-2019 (log file(s) are CSV format if Microsoft Office is not available)

Hardware Requirements

- One serial port available for remote / local connection
- One Ethernet port available for remote / local connection
- Display with at least 1024x768 resolution

Features of Meter and MeterLink			
		With Continuous Flow Analysis Feature	Without Continuous Flow Analysis Feature
Operation	Monitor Screen	•	•
	Chart Diagnostic Data	•	•
	Multiple Charts	•	•
	Charts with Green Limit Bands	•	•
	View Waveforms	•	•
	Configurable Modbus GC Component Data Table*	•	•
	AGA 10/Meter SOS Comparison*	•	
	Transducer Health Monitoring*	•	•
	Read-Only Serial Port*	•	•
	AGA 10 Calculator (offline)	•	•
	SNR displayed in dB	•	•
	Improved Help Topics/Links	•	•
	Baseline Viewer™ (4-path and 8-path only)	•	•
	Maintenance Logs	•	•
	Dual-Configuration Meters Live Comparison	•	•
History	Trend Maintenance Logs	•	•
	Merge Event Logs	•	•
	Hourly Logs (180 days)*	•	•
	Daily Logs (5 years)*	•	•
	Hourly/Daily Log Graphing	•	•
Configuration	Field Setup Wizard	•	•
	Meter Directory Support	•	•
	Automatic File Naming	•	•
	Compare Configurations from Logs	•	•
	Analog Input Calibration	•	•
	Local Display Configurator	•	•
	Modbus GC Component Data Table Configurator	•	•
	Flow Calibration Wizard	•	•
	Transducer Swap Out Wizard	•	•
	Modbus TCP Server Configuration	•	•
Baseline Configuration Wizard	•	•	
Alarms	Alarm/Audit/System Logs*	•	•
	Display New Latched Alarms	•	•
	Severity Alarm Display	•	•
	Bore Buildup Alert	•	
	Blockage Alert	•	
	Abnormal Profile Alert	•	
	Liquid Detection Alert	•	
	Reverse Flow Alert	•	•

www.emerson.com/meterlink

* Features highlighted in blue represent functions of the meter.

DANIEL™

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