Software Release Summary: Daniel MeterLink for Daniel Gas and Liquid Ultrasonic Flow Meters

Version 1.31

- Field Setup Wizard now supports Type 4 CPU Module with additional Frequency/ Digital Outputs 4 through 6.[1]
- Field Setup Wizard now supports the GC Modbus TCP interface configuration.
- Unit labels have been added to the chordal velocity and speed of sound tables that appear in the Inspection Report.
- Additional technical enhancements:
  - Fixed issue to ensure all column heading text displays correctly in the Meter Archive Logs dialog.
  - Fixed issue to enable the table of meters in the Connect to Meter dialog to correctly display on any computer.

Version 1.30

- Added support for the diagnostic chord in the new dual-configuration Model 3416 Meter (i.e. alarm indication, configuration and charts).
- Regional dialogs updated to ensure data formatting, including the use of periods or commas, is more consistent by locale.
- Field Setup Wizard now supports GC component data configuration for Daniel 3410 Series Electronics running on v1.22 firmware and later.
- Field Setup Wizard now supports local display mode configuration for Daniel 3410/3810 Series Electronics running on v1.22 firmware and later.
- Option added that allows the creation of a Merged Events worksheet in the Microsoft® Excel® meter archive log.
- Automatically checks for software updates via the Internet.
- Fixed issue to ensure new meter database config XML files install correctly.
- Fixed issue where Excel 2013 charts were not visible.
- Fixed issue with Reset Tracking dialog.
- Fixed issue where Signal Analyzer caused MeterLink to crash or become unresponsive.
- Corrected SOS spread error on the Meter Monitor bar chart for Daniel JuniorSonic 2-path meters.

Version 1.21

- Provides support for Mark III memory usage changes in Mark III v1.78 firmware.

Version 1.20

- Added advanced network configurations, including new wireless connectivity with support for multiple Ethernet configurations. Designated ports now allow the use of port forwarding on a cellular modem/router.
  - This enhancement allows users to connect to multiple meters on a single IP address (i.e. one modem).
  - A new 'Designated Ports' help topic facilitates this network configuration.
- Dims non-pingable Ethernet connection buttons in the Connect to Meter dialog.
- Supports "Connect in a new instance" from the Connect to Meter dialog.
  - This change allows log collection from multiple meters simultaneously to streamline tasks, including monthly maintenance procedures.
- Simplifies the creation of a more functional default meter directory after initial installation.
  - This change ensures first-time users can quickly connect to meters.

[1] *Type 4 CPU Module releasing for sale in June 2016.*

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Version 1.20 continued

- New time-saving Tools Menu enhancements include:
  - Set Transducer Type utility.
  - Reset Tracking utility which simplifies a common maintenance procedure.
  - Reset Velocity Estimation utility.
  - Locate Meter utility.
  - Warm Start Meter utility which enables users to easily reboot from a remote location.
- Additional enhancements for high viscosity liquid metering applications include:
  - Support of profile factor frequency output content.
  - Support of high viscosity calibration configuration.
  - Support of zero calibration.
- Additional technical enhancements:
  - Enables Microsoft Excel's "Trust access to VBA" on start-up.
  - Supports Microsoft Excel 2013.

Version 1.10

- Connects to co-located meters simultaneously from a single meter directory record associated with either meter.
- Combined Meter Monitor (Summary) displays combined values from the currently selected meter and values and status from both the primary and secondary meters.
- Field Setup Wizard supports local display configuration.
- Field Setup Wizard supports HART® 7 meter configuration.
- Displays the name of the currently connected meter in the title bar of dialogs and wizards that read from or write to a meter.
- Supported on Microsoft® Windows® 8.1.
- Communications Analyzer's output for TCP/IP communications includes the meter's IP address.
- Consolidates Program Download log output in the meter connection log (log_meter_*.txt).

Version 1.01

- Bug fixes and data files added for Daniel 3410/3810 Series Ultrasonic Meters.

Version 1.00

- Installs separately from all earlier versions of Daniel CUI and replaces CUI for all Daniel meters with the exception of Mark II equipped gas ultrasonic meters.
- Does not require a license key.
- Supports Daniel Gas Mark III, Liquid 3804, and 3410 and 3810 Series Ultrasonic Meters.
- Direct/modem connections using SLIP no longer supported. Direct/modem connections must use PPP.
- Contains registers help files for Daniel Gas Mark III, Liquid 3804, and 3410 and 3810 Series Ultrasonic Meters.
- Supports two meter monitor views: "summary" and "detailed."
- Supports 3410 and 3810 Series' HART output on AO1 and secondary HART output on AO2.
- Edit/Compare Configuration simplifies upgrades by converting Mark II, Gas Mark III and Liquid 3804 configs to 3410 and 3810 Series configs.
- Field Setup Wizard and Outputs Test dialog support the 3410 and 3810 Series' soft-configurable frequency/digital ("FODO") outputs.

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Software Release Summary: Daniel MeterLink for Daniel Gas and Liquid Ultrasonic Flow Meters

Version 1.00 continued

- Communications Settings dialog supports soft configuration of Port A's driver selection and optional Port B handshaking.
- Program Download dialog prevents Gas Mark III and Liquid 3804 Firmware from being downloaded to 3410 and 3810 Series Ultrasonic Meters and vice versa.
- Has improved support for Microsoft Excel® 2007 and Microsoft Excel 2010.

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