

# March 2021 AcquiSuite/AcquiLite Firmware changes

Version **v02.21.0309** for A7810, A8810, and A8812

Users should be aware of these changes and how these may impact any custom applications that may have been developed. Although great care has been taken to maintain the previous feature set, users should test the firmware update prior to deploying this firmware on production equipment.

The firmware update will be provided at no cost.

**IMPORTANT:** After updating firmware, please **press CTRL-F5** in your browser window to cause the browser to reload any cached web files from the AcquiSuite/AcquiLite.

## Overview of Changes

The following changes were made in v02.21.0309 compared to the previous release (v02.20.0122).

- Added the ability to track which DAS's in the field have R-A enabled. This aids in detecting issues with R-A connections.
- Increased a timeout (from 30 to 60 seconds) to fix occasional R-A connection attempt failures on slow links such as modems.
- Updated data point error and alarm reporting. If multiple point-level errors and alarms are present, all will now be reported rather than only the first.
  - This change applies to WebUI and XML feeds. There is no change to XML format or text if only a single condition is reported.
  - Multiple conditions are reported as a single attribute string, separated by semicolons. For example, if a FlexIO's resistance-mode input is disconnected, its flags will be PT\_FAILURE and PT\_OVERRANGE, and the WebUI or XML will now show text for both of these.
- Added BACnet logging information for status flags and alarm and fault conditions.
- Fixed a problem that could cause failure to clear over-range and under-range error conditions for BACnet devices.
- Fixed a problem introduced in v02.20.0101 that could cause the DAS to revert to factory default settings if a power failure occurs during the boot process (e.g., if two power failures occur within about 1 minute).
- Improved the ability to automatically reestablish a dropped Modbus TCP connection.
- Disabled IP forwarding to enhance network security.
- Fixed a problem that could cause dropped characters on the A7810 LCD.