



Echometer Software Changes and updates from TAM 1.7 to TAM 1.8

Software Updates:

Hardware

Improvements to the Sensor Details and Information

- Improved filtering/showing of sensors in Setup Hardware lists and module sensor bars
- Added support for showing sensors that are "In Use" by other bases
- Error messages now specify which device disconnected
- Warning message for needing offset or low battery added to bottom of sensor details screen
- Added the sensor's firmware to the Test Info popup
- Coefficients are now always visible for wireless sensors
- The Pressure Transducer sensor slot is hidden when setting up a wireless LL test
- Updates to zero offset calibrations for the pressure transducers and horseshoe load cells.
- Added 'Pressure Rating' field for PT sensors

Setup Hardware

- Added "Available and Unavailable" as a new default filter for sensors
- TAM displays a confirmation prompt when trying to remove a sensor
- The sensor list is now grouped by type and sorted by serial number
- The sensor list auto-scrolls to display new or selected sensors

Well File

- Added group labels to wells shown in near wells window
- LL report updated to show when User enters Fluid Composition Below Tubing Intake
- Updated Import Status dialog not to include Wells selected as skipped in its count.
- Improved dialog for Pumping Units not being displayed.

User Interface

- Black bar issue fixed.
- Significantly improved robustness when recovering after an unexpected disconnection
- TAM now indicates acq is starting as we wait for it to start
- Corrupted power tests are now indicated as such in the history dialog
- Improved performance for issue occurring during DYN acquisition causing TAM to crash.
- Made improvements to the Liquid Level Report for SBHP values.

Dynamometer

- Added Quadrant Method as an option for TV/SV determination.
- Added the load/position slope to some DYN plots for diagnostic purposes.

Data Export

- Data export columns that share the same name are now prefixed by their module.

Setup Hardware - Wired Equipment

- Improvements to the Well Analyzer Setup View
- The Setup Hardware dialog's wired sensor list refreshes when creating, updating, or renaming sensors.
- Wired calibration stops when switching sensors, creating new sensors, or leaving the WA Setup view
- Well Analyzer remaining battery power displayed.
- 15Hz is no longer an acquisition option for acquisition preferences.

Plunger Lift

- Corrected the "trim-data" error message and subsequent crash when creating a plunger lift movie.
- Improved Plunger Lift Y-cable sensor setup and support.
- Plift and Plift Gas Assist well quick views display seating nipple info instead of standing valve info.