MEASURAND

2024.02 Release Notes

Release notes for the 2024.02 release of the Measurand Software.

Project	Version	Released Version
Raw2Data	5.26.0	Released in 2024.02
SAARecorder	7.98	Released in 2024.02
SAAView	3.07	Released in 2024.01
SAASuite	3.8	Released in 2024.01
DataChecker	1.49.0	Released in 2024.02
FileGenerator	4.4.0	Released in 2024.02

Here is a list of changes in the software.

Raw2Data 5.26.0

Note

- Email notifications and Alarm functionality in Measurand software is no longer actively maintained. Measurand software relies on SMTP Basic Authentication for sending emails. Most email providers have disabled Basic Authentication as an access method for their online email services as this authentication method is considered insecure. If you'd like to discuss alternative systems for logging and alarms please reach out to Measurand and we can setup a call with one of our sales engineers to discuss options.

Fixes

- Resolved an issue causing incorrect parsing of data from SAAF instruments with magnetometers.
- Calculation for minimum voltage requirement for instrument power has been updated for serial numbers above 700,000.

SAARecorder 7.98

Fixes

- Fixed an issue where the baud rate for the connected ShapeArray model was not changed automatically, preventing communication. SAARecorder now adjusts the baud rate automatically and restricts user changes.
- Fixed an issue with duplicated low power voltage and current entries in generated calibration files.
- Resolved an issue where the application would crash during the Voltage/Current test due to multiple calibration files sharing the same top serial number but differing in segment quantities.
- Fixed issue causing incorrect detection of extended ShapeArrays when the number of segments returned was less than expected.
- Addressed a problem with duplicate section entries in calibration files.
- Resolved installation verification problem on live ShapeArray with wireless connection.
- There is now a limitation on communication to 38400 baud for ShapeArrays with serial numbers 700000 and higher.
- ShapeArrays with serial numbers greater than 700000 now have a baud rate limitation of 38400 bps.
- Updated the software only to allow vibration mode to work with a single segment for ShapeArrays with serial numbers greater than 700,000.
  - Calculation for minimum voltage has been updated.
  - Fixed a bug in the Diagnostics' Voltage & Current check dialog where the minimum voltage for a ShapeArray in low power mode was incorrectly calculated as if in regular power mode when the supplied voltage was below the minimum.
- Updated the application to incorporate an enhanced calculation for the maximum current usage of the ShapeArray.

SAAView 3.07

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DataChecker 1.49.0

Fixes

- The calculation for filtering low voltage readings at the top of the instrument has been enhanced to accommodate for serial numbers exceeding 700,000.

FileGenerator 4.4.0

Fixes

- Resolved an intermittent issue affecting magnetometer readings to enhance reliability and performance.
  - Logger Program - Fixed an issue preventing X, Y, Z axis raw data collection due to an unresponsive magnetometer.
  - Minor program improvements

Have software feedback for us?

Let us know what you think. We would love to hear about your experience with our software.

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