MEASURAND

MANUALS GUIDES EVENTS

SOFTWARE UPDATES | Volume 3, 2021

APPLICATION	VERSION
SAASuite	3.05
SAACR_Raw2Data	5.21
SAARecorder	7.92
ShapeArray™ Viewer	3.03
SAACR_FileGenerator	3.32
SAACR_DataChecker	1.45

Listed above are the most recent versions of our software. Please click here to update.

UPDATES INCLUDE:

SAACR_Raw2Data:

Fixes:

- Fixed a problem that prevented the combined file format from being processed if the header was removed.

- Fixed an issue that incorrectly ordered data for cable end referenced ShapeArrays when using the legacy XYZT_1 output format.
- Fixed an inconsistency in the XYZT_1 header for Model 1/2 SAAF ShapeArrays that reported the location of the temperature sensors incorrectly when non-cable end referenced.
- If the order of the calibration files in the pref_project.txt file does not match the order of the data files, Raw2Data now produces an error code (381) instead of creating erroneous output.
- Fixed an issue that prevented data conversion when a ShapeArray with a magnetometer was accidentally converted as horizontal data.
- Fixed an issue that allowed a quiet time selection to happen if all the magnetometers returned no data.
- Fixed an issue that prevented data from being converted using a site file for SAAV Extend if the only data present was for the base instrument and one lift.
- Fixed an issue that caused multiple erroneous warnings regarding ShapeArray diagnostics data if there are multiple ShapeArrays in the same project operating in low power mode.
- The magnetometer selection window has been given a minimum size, so it cannot be made smaller than is feasible.
- Fixed an issue that prevented the correct merging of archive and new data when static adjustment is selected.
- Updated the output for both Incremental and Cumulative Displacement to include the Z values for horizontal and convergence ShapeArrays.
- Merged the email notification option for power issues at the logger and power issues at the SAATop into a single option about power issues. The notification email will still separate whether the power issue is at the logger or the SAATop.
- Raw2Data now correctly processes data if run from the project folder instead of the installation folder.
- Fixed an issue that caused temperature data to be zero (0) if static acceleration adjustment is enabled.
- Fixed a problem that prevented some users from being able to convert the project if one file was missing.
- Updated the filtering when loading a data file to remove reading where the logger returned "NAN" (not a number) for a sensor instead of the acceleration values.

SAARecorder:

Fixes:

- Fixed an issue where the communication link was not set up correctly for long ShapeArrrays in low power mode.
- Fixed an issue where SAARecorder overwrote an existing site calibration file instead of updating it.
- Fixed a timestamp duplication issue when exporting raw data to SAAView and ShapeArray segments are turned off.
- Fixed a spelling/spacing mistake in the ‘Get Vibration Data’ window.
- Discrete Averaging now works properly.

SAAView:

Fixes:

- User line names have been repositioned so they no longer overlap with axis labels.
- Removed some unneeded output that cluttered the console.

DataChecker:

Fixes:

- The time axis now properly displays the time across the data set. This includes dates if the data set spans more than a day.
- Fixed an issue that could prevent the user to set a negative temperature range value.

HAVE SOFTWARE FEEDBACK FOR US?

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

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