SCG PLATFORM RELEASE NOTES

Release r128

New features

- **New operational warning type to detect circuits with poor PD detection sensitivity** – An SCG system continuously performs various checks to make sure that it performs as expected. The check that verifies the noise level is improved to use the actual PD detection sensitivity of the system. This is a much better indication for the actual performance of the SCG system on the monitored circuit.

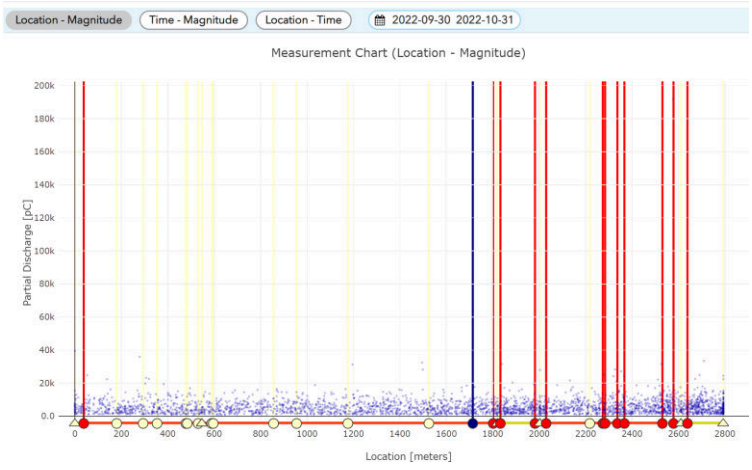
  Old type of warning

  ⚠ Due to a high noise level in the environment the system has a low PD detection sensitivity (pulse detection threshold is too high: 118 mA (max: 30 mA)).

  Will be replaced by this new type of warning

  ⚠ Due to a high noise level in the environment and/or a high signal attenuation, the PD measurement has a reduced effectiveness (average PD detection sensitivity = 81744 pC (max = 20000 pC))

- **New charts (beta) improvements** – Various improvements to the new charts (beta):
  - Improved visibility of PD plots and propagation time charts and less distracting grey (no measurement) area
  - Logical steps in grid lines (for example steps of 1 or 2 or 5 or 10 or 20, etc…)
  - More grid lines for easier estimation of data values
  - Reduced whitespace between axes and labels so that chart area itself becomes bigger, making it easier to view and analyse data
  - Various performance improvements to reduce data loading and plotting times
  - Option to show helper lines to easily align PD/fault activity with circuit components



- **More information in sync portal** – The sync page in the Portal now shows additional information useful when troubleshooting an SCG system. For both sides it shows the last time data was received from the sensor and the last time the control unit was connected to the communication server. This helps in pinpointing the root cause of an issue with an SCG system.

Fixes

- 364923 – Landing page https://scg.dnv.com/ - redirection mistake depending on browser window size
- 387856 – SCG API – locations in meters returned by the risk endpoint in DataExport API does not correctly consider changes in circuit component configuration and propagation time
- 353997 – SCG API – Risks assigned to a cluster (both original assignment and risk re-confirmations) all get same EndDateTime when closed automatically when activity disappears
- 375934 – Circuit names in portal pages do not consistently follow circuit naming scheme
- 382795 – Chart page turn blank when end location in input manually in Side view
- 388403 – Font size of view buttons is not the same as the other text on the header of chart page
- 388692 – Side and Top views show a complete empty page (when no data is available)
- 388736 – Some incorrect Chinese translations
- 388738 – Missing German and Chinese translation for From: and To: on the grey area tooltip
- 396343 – Clusters shown in location filter clusters list do not exactly match the info in the database
- 398275 – Data disappears or is wrongly displayed in front view after double-click in certain circumstances
- 399797 – Inconsistency in error pages in Portal
- 372420 – Inconsistency in decimal and thousands separators in charts