

CAPTIS DEVICE FIRMWARE - RELEASE NOTES

OVERVIEW

This firmware release is required due to identified issue with data integrity and platform compatibility. Changes are limited urgent bug fixes to improve application functionality. No changes have been made to cellular module interaction and network behaviour.

CAPTIS DEVICE FIRMWARE

- 1.18.03

CELLULAR MODULE

- Telit ME910C1-AU, M0B.40004

ADDED

- None

CHANGED

- None

DEPRECATED

- None

REMOVED

- None

FIXED

- Possible MQTT measurement packet buffer overflow causing truncated timestamp on last measurement in packet.
- MQTT QOS 0 support.
- Unresolved string placeholders in MQTT topics, for operation topics.
- C8Y Operation status published to incorrect topic.
- Fix invalid large float value prints due to printf library on 16bit CPU architecture.

SECURITY

- None

KNOWN ISSUES AND LIMITATIONS

- Low occurrence of data malformation using mqtt. Awaiting cellular module manufacturer RCA
- Fastlog entry / exit latency when in the middle of cellular connection
- Switch alarm not re-evaluated upon config change until switch change of state.

Log performed on alarm, magnet and schedule based connections. This will appear as extra logs outside of configured log schedule.