Alfen NG9xx series Release notes

Release notes version 5.8.0
Document version 3.0

August 4, 2022

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1   Introduction

Firmware release **5.8.0** incorporates a number of general improvements, stability improvements, security improvements and bug fixes.

2 New features

- Now supports a local direct start through MyEve app, allowing immediate start of energy flow for a single charging transaction.

  To achieve this, remotely received provisions that limit the energy flow, will be overridden.
  Note that the charging station always keeps local smart charging features such as Active Load Balancing running, which may ultimately still limit energy flow.
  When the charging transaction is stopped, the schedules are valid again.

3 Improvements

- Optimization for data acquisition of analog signals to improve maintainability of firmware.

- We now do a controlled reboot:

- Improved the startup time of the modem.

4 Back-end communication changes

None

Property	Description	Values	Access
Added			
Modified			
Removed			

5 Errorcode changes

- No changes

6 Minor changes

- Empty tags will no longer be "seen" as tags avoiding invalid/unknown transactionId's

- Reject a RemoteStartTransaction when the tagId is too long.

- Fixed a modem issue: when sim inserted that has a PIN, it doesn't come online since initialization failed

- Fixed an issue where the charging station did not respond on modbus slave requests from EMS devices properly.

- Absolute charging profiles without an end time are no longer treated as if they are recurring, thus ensuring that the end and start time are not shifted incorrectly.

7 Roll-out heads up

- None

8   Revision control

Date	Version	Description / status
2022-June-30	1.0	Initial version
2022-July-22	2.0	External version
2022-July-27	3.0	External version