Alfen NG9xx series Release notes

Release notes version 5.5
Document version 2.0

April 6, 2022

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1   Introduction

Firmware release **5.5.0** is a release that incorporates a number of general improvements, stability improvements and bug fixes.
There are no major functional changes.

2   New features

- It is now possible to retrieve more information about the modem from the webserver

- Some charging stations have all three phases connected, while the installation only provides a single phase. Thus L1 is connected as well to L2 and L3. Some vehicles reported an issue with this wiring and didn't allow charging. This is now detected by the charging station using the line voltages: if there is a voltage lower than approximately 80 volt between each phase, then the charging station concludes that it's wired as single phase and will only enable the first phase when a charging session starts

3   Improvements

- Fixed an issue with some type of vehicles on a Belgium electricity net, where the charging station reported an error when the vehicle wanted to restart the charging session after a while.

- Properly handle the response of the modem.

- Improved communication while using the service installer.

4 Back-end communication changes

The version of the bootloader is now reported via OCPP and the webserver

Added support for OCPP key MinimumStatusDuration that specifies a minimum time that a status should persist before a StatusNotification is sent.

Property	Description	Values	Access
Added			
MinimumStatusDuration	The minimum duration that a Charge Point or Connector status is stable before a StatusNotification.req PDU is sent to the Central System	0 - 65535 Default: 0	R/W
Bootloader-Version	Information about the bootloader version	String[10]	R
Modified			
Removed			

5   Errorcode changes

No changes

6   Roll-out heads up

None

7   Revision control

Date	Version	Description / status
2022-Jan-25	1.0	Initial version
2202-Jan-26	2.0	External version
2022-April-6	3.0	External version