Alfen NG9xx series Release Notes

NG9xx Firmware 7.1.6

March 14th, 2025

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1. Introduction

Firmware Release **7.1.6** is a hotfix release. The change details in this document covers versions 7.1.6.

2. Change Details

This hotfix release is aimed at solving recently identified display issues on Eve Single Pro-line and Eve Double Pro-line products. The following combination of solutions have been included in this release:

- The charging station can now detect the correct screen type during boot and use it from that moment until a further reinitialization.

- If the charging station detects a display error and needs to be reset, the charging station will go through a power cycle to reset the display controller of the charging station.

- The charging station sets its display controller in a "power down" state before turning off power to the display. After powering up the charging station, the display controller is put into a specific sequence of modes to prevent it from going in a state which can cause errors.

Internal testing has verified that these measures solve the recently reproduced issues relating to the display of our charging stations. We hope and expect that this solves the issues you may have previously experienced.

3. Back-end communication changes

No changes

4. Minor changes

No changes

5. Firmware update instructions

With the release of NG9xx Firmware 7.0, there is no longer the option between "A and B firmware versions", as first introduced with version 4.14.0

To update to NG9xx Firmware 7.1.6, please follow the steps according to below schedule:

Current firmware version	Step 1	Step 2
4.12 or lower	Update to intermediate firmware version 6.6.2, version 'A'	Update to the latest firmware version (currently 7.1.6)
Between 4.14.0 and 6.x	Update to intermediate firmware version 6.6.2, version 'B'	Update to the latest firmware version (currently 7.1.6)
6.6.2 or higher	Update to the latest firmware version (currently 7.1.6)	-

To update from 4xx to 6.6.2 is mandatory to enter own charging station password minimum 8 characters. The intermediate firmware 6.6.2 firmware can be downloaded here

6. Revision control

Document revision control			
Date	Version	Description/status	Author
2025-Mar-13	0.1	Internal version	Sagar Choukhande
2025-Mar-14	1.0	External version	Sagar Choukhande