

# Release Notes 2.5

ABL.R&D.Software.SBC

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# 1 Document Description

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope</b>      | <p>This document describes the releases of the new generation of the Charge Point Software delivered with the ABL Single Board Computer SBC. This software implements a smart controller for the ABL charging stations consisting of wall-boxes and charging poles. The following sections give an overview of the integrations and releases of the software.</p> <p>Product names, brands, and other trademarks mentioned in this document are the property of their respective trademark holders.</p> |
| <b>Purpose</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>References</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Document information

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## Document change history

| Date       | Document Version | Author        | Description of change           |
|------------|------------------|---------------|---------------------------------|
| 26.06.2026 | 1.0              | Andreu Garcia | inital version for Software 2.5 |
| 07.07.2026 | 1.1              | Andreu Garcia | Add final app version           |

## 2 Variants

### 2.1 Hardware

The current version 2.5 SBC Charge Point Software is compatible with the boxes of the product series eM4. The following SBCs are supported:

- SBC4

### 2.2 Software

Each version of the SBC Charge Point Software is identified by a release label. This label is represented by the running software as well as in the update file names, as follows:

Release label: <major>.<minor>[p<patch-level>]

- Major: The major software version. Only stepped when minor numbering is maxed out or when major feature sets have been added to the software.
- Minor: The minor software version. Stepped on each new release.
- Patch level: A sub-version used for fixes to the current release. The first patch/bug-fix for a release is numbered starting at one.

Example: 2.5p1

In update file names the release label is embedded as follows:

File Name: <update-type>\_<release-label>.yar

- Update type:
  - “update”: A full software update.
  - “incremental”: An incremental update, may rely on some base software version that has to be installed on the target, already. If this pre-requisite is not met, the updater routine rejects the incremental update.

Example: update\_2.5.yar

## 3 Releases

The feature set of the version 2.5 includes the complete scope of the features available with the version 2.4 and introduces new features listed below.

For information on the complete feature set refer to the integration manual.

The version of the relevant software for Eichrecht is independent from the SBC Charge Point software. Therefore, Eichrecht software has a separate release notes document.

An update of the SBC Charge Point software will not influence the version of the Eichrecht software version.

### 3.1 Version 2.5

Date: 30.06.2026

This software contains:

- SBC software version: 2.5
- ESP firmware version: 1.16.6

This software is compatible with:

- App version: 1.214.250
- Eichrecht version: 1.5

Update Requirements

- Updating to version 2.5 is only supported from version 2.3 or higher.
- If your current version is lower than 2.3, please first update to 2.3 before proceeding to version 2.5
- This requirement is due to RED (Radio Equipment Directive) compliance with more secure encryption standards

Changes:

- WebManager for Commissioning with complete functionality
- WebManager mobile friendly
- New variants in the catalog

Improvements and Resolves Issues:

- WebManager user experience

Known issues:

- Sirius controller compatibility