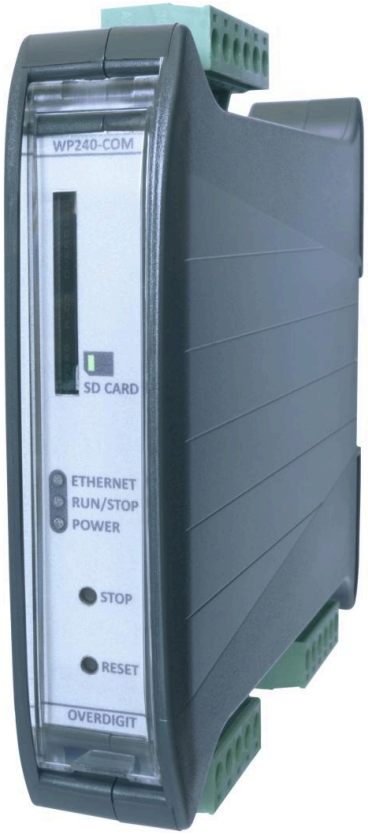
ENcombi



ECev

SW update Guide

Document change log 2

Introduction 3

Before updating the SW 3

Updating via USB 4

Requirements 4

Recipe 4

Updating via SD card 6

Requirements 6

Recipe 6

Document change log

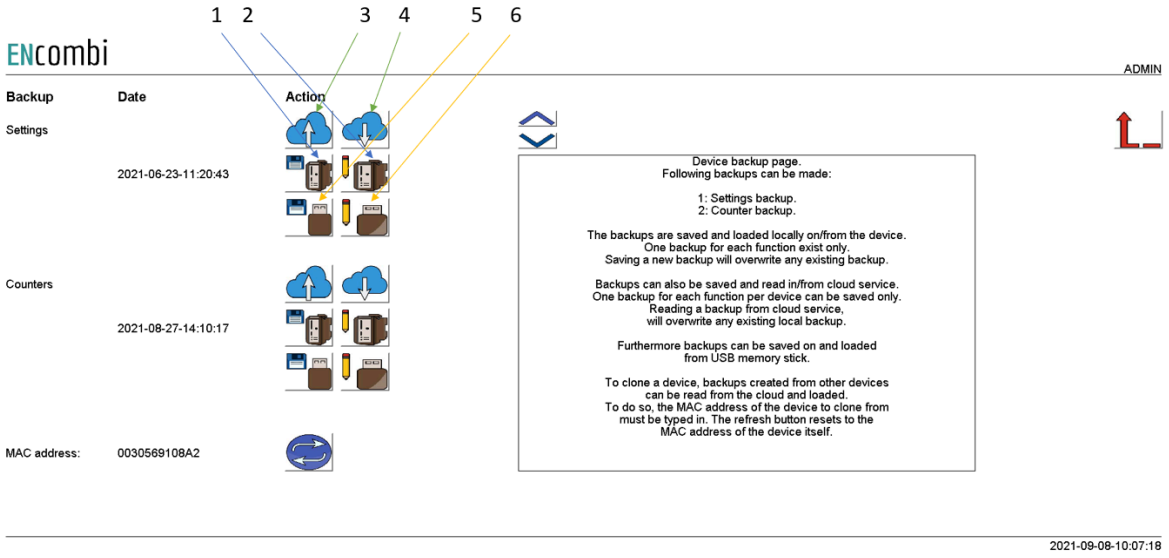
2024-06-13	First version

Introduction

This document explains the options available for updating the SW in the ECev.

Before updating the SW

When the SW is updated all settings will be set to default values and all counters of energy etc. are cleared. If to be able to return/keep the settings and counters after the SW update then backup of Settings and Counters are to be made before updating the SW. The Backup handling is found under the Identifiers menu.



Both Settings and Counters backups can be:
1. Generated and stored locally on internal memory of ECev.
2. Loaded into ECev project from internal memory of ECev.
3. Copied from internal memory of ECev to ENcombi cloud for safe storage.
4. Read from ENcombi cloud to internal memory of ECev.
5. Generated and stored on USB-stick.
6. Loaded into ECev project from USB-stick.

The backups are to be generated before updating the SW. After the SW update is complete the backups can then be loaded into the ECev project afterwards.

Updating via USB

This approach is supported by all ECev versions.

Requirements

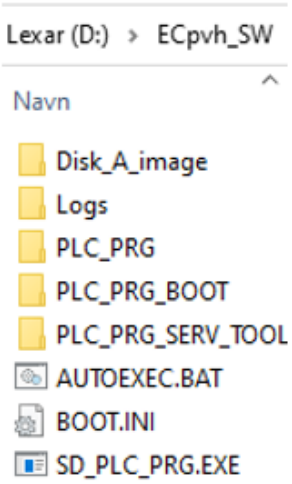
In order to update the ECev SW via USB stick the following is required.

- ECev application SW from ENcombi.
- Laptop.
- USB stick.

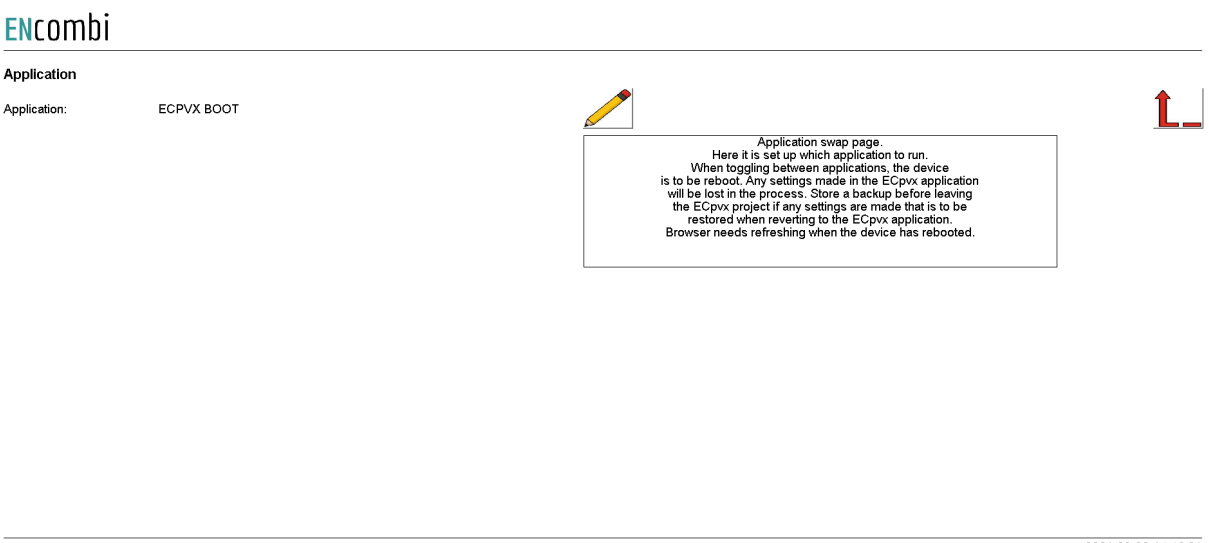
Recipe

The ECev application SW is available on the ENcombi website:
http://www.encombi.com/products/ECev/

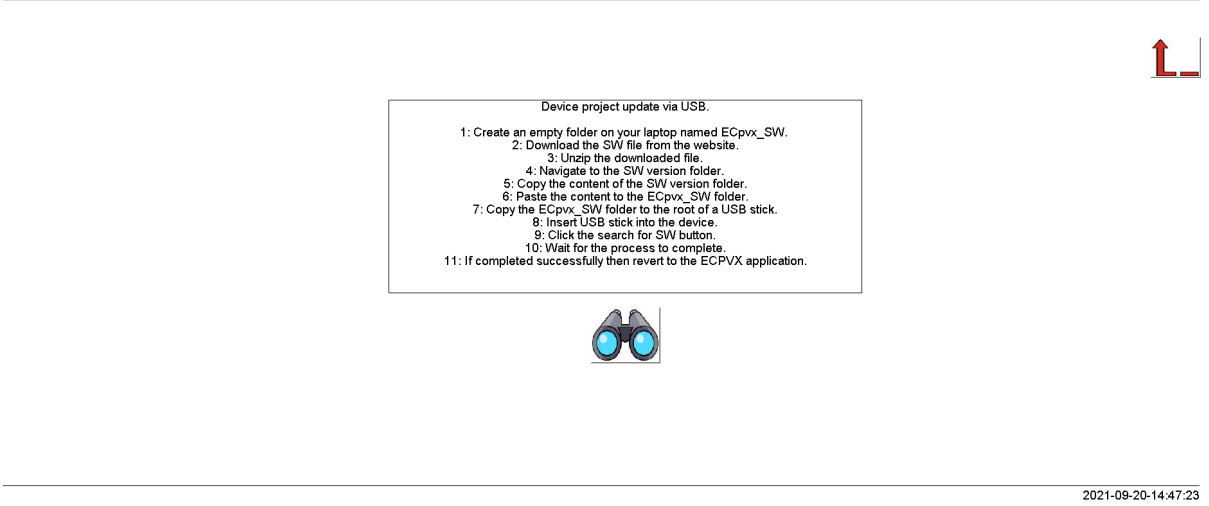
- The SW is downloaded as a zip file.
- Create a folder “ECev_SW” in the root of a USB stick and copy the content of the zip file into the folder as shown below.



- Stick the USB stick into ECev.
- Switch to the Boot application from within ECweb.



- Click the binoculars button to start the SW update from the USB stick.



- Once SW update sequence is completed successfully, switch back to the ECev application. Do not revert to the ECev application in case a SW update attempt is interrupted and failed. In this case make a new SW update and complete it successfully before reverting to the ECev application.
- For the first start up it will be approximately 60s until “Run/Stop” LED is illuminated and ECev is ready to operate. Thereafter it will be the normal approximately 30s.

Updating via SD card

This approach is supported by all ECev versions.

Requirements

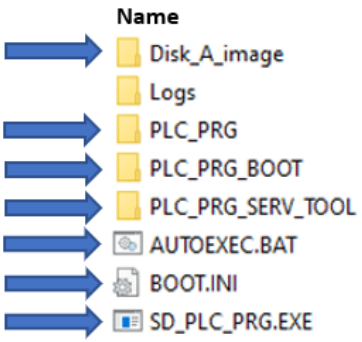
In order to update the SW in an ECev via SD card the following is required.

- ECev application SW from ENcombi.
- Laptop.
- SD card reader.

Recipe

The ECev application SW is available on the ENcombi website:
http://www.encombi.com/products/ECev/

- The SW is downloaded as a zip file.
- Unzip the file and locate the folder structure below.



- Power down the ECev.
- Remove the SD card from the ECev.
- Stick the SD card into your laptop and delete the marked folders and files in the root.
- Paste the same just unzipped folders and files from laptop to the root of the SD card.
- Remove the SD card from your laptop and stick it back into the ECev.
- Power up the ECev. For the first power up it will be approximately 60s until “Run/Stop” LED is illuminated and ECev is ready to operate. Thereafter it will be the normal approximately 30s.