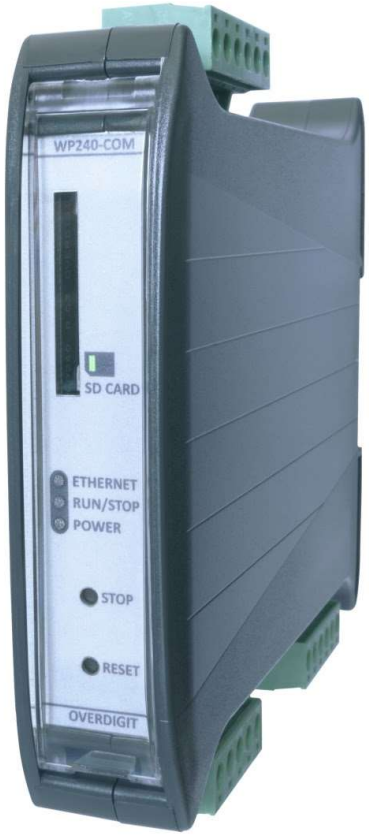
ENcombi



ECpv

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Document change log

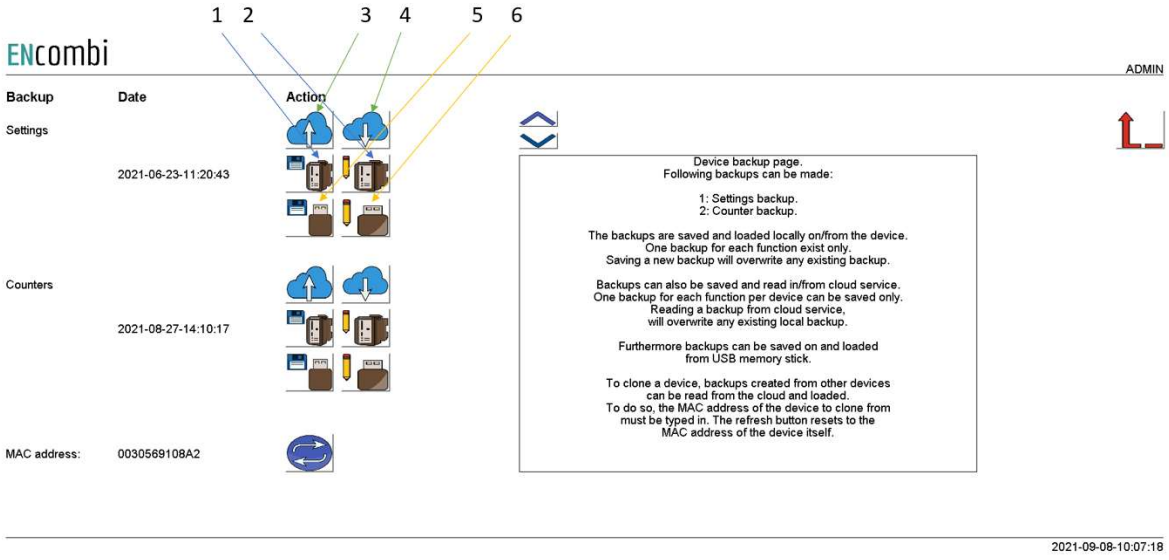
2019-07-03	First version
2020-02-09	Updated to release 1.17.4
2020-02-14	Updated to release 1.18.0
2020-07-25	Updated to release 1.27.0
2021-02-02	Updated to release 1.56.0

Introduction

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

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 ECpv.
2. Loaded into ECpv project from internal memory of ECpv.
3. Copied from internal memory of ECpv to ENcombi cloud for safe storage.
4. Read from ENcombi cloud to internal memory of ECpv.
5. Generated and stored on USB-stick.
6. Loaded into ECpv 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 ECpv project afterwards.

Updating via USB

This is supported from ECpv version 1.56.0 and onwards.

Requirements

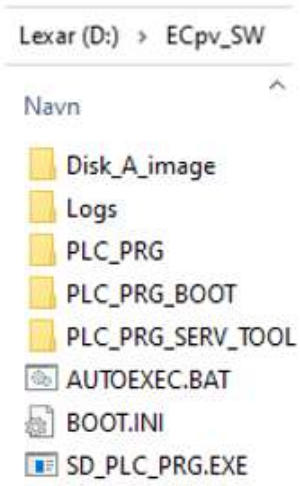
In order to update the ECpv SW via USB stick the following is required.

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

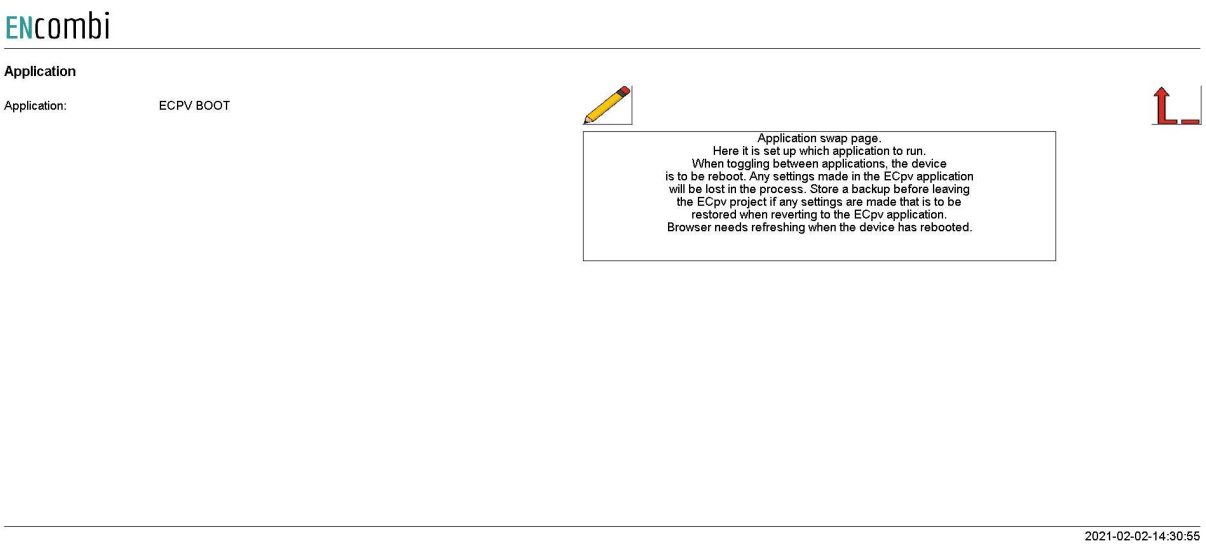
Recipe

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

- The SW is downloaded as a zip file.
- Create a folder “ECpv_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 ECpv.
- Switch to the Boot application from within ECweb.



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

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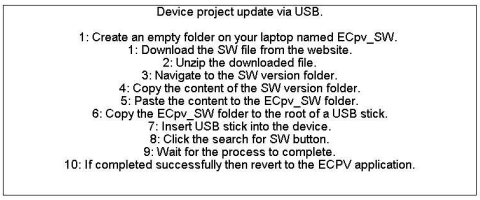


- Once SW update sequence is completed successfully, switch back to the ECpv application. Do not revert to the ECpv application in case a SW update attempt is interrupted and failed. In this case make a new SW update and complete it successfully before reverting to the ECpv application.
- For the first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

Updating via SD card

This approach is supported from all ECpv versions.

Requirements

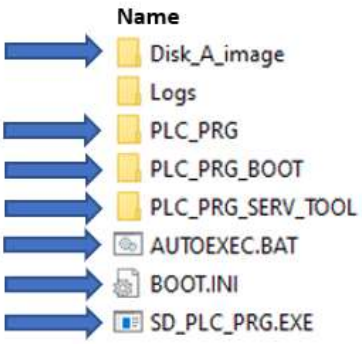
In order to update the SW in an ECpv via SD card the following is required.

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

Recipe

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

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



- Power down the ECpv.
- Remove the SD card from the ECpv.
- 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 ECpv.
- Power up the ECpv. For the first power up it will be approximately 60s until “Run/Stop” LED is illuminated and ECpv is ready to operate. Thereafter it will be the normal approximately 30s.