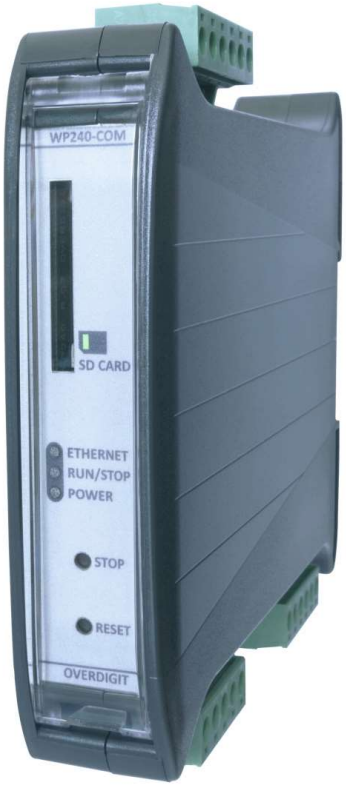
ENcombi



ECgrid

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Document change log

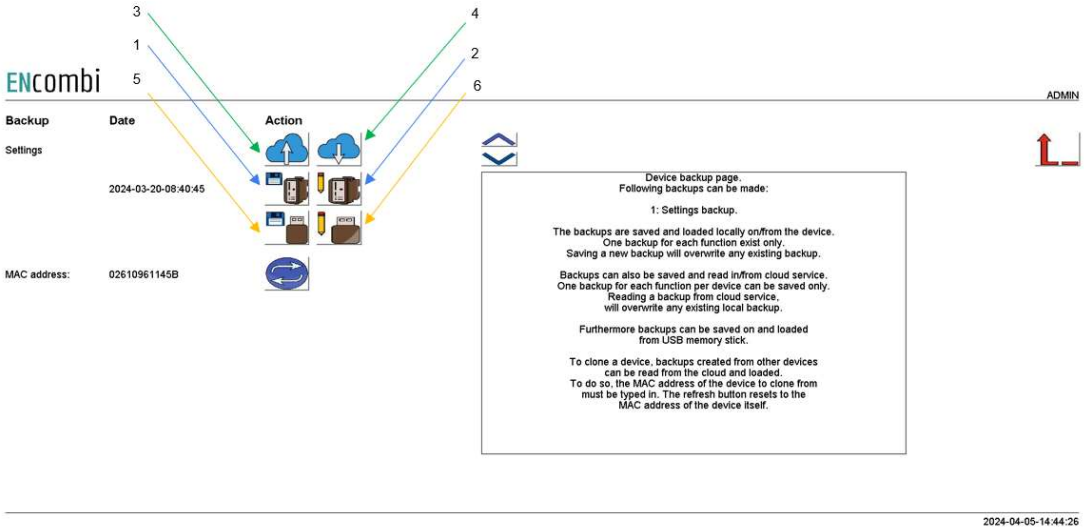
2024-04-05	First version

Introduction

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

Before updating the SW

When the SW is updated all settings will be set to default values. If to be able to return/keep the settings after the SW update then backup of Settings is 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 ECgrid.
2. Loaded into ECgrid project from internal memory of ECgrid.
3. Copied from internal memory of ECgrid to ENcombi cloud for safe storage.
4. Read from ENcombi cloud to internal memory of ECgrid.
5. Generated and stored on USB-stick.
6. Loaded into ECgrid project from USB-stick.

The backup is to be generated before updating the SW. After the SW update is complete the backup can then be loaded into the ECgrid project afterwards.

Updating via USB

Requirements

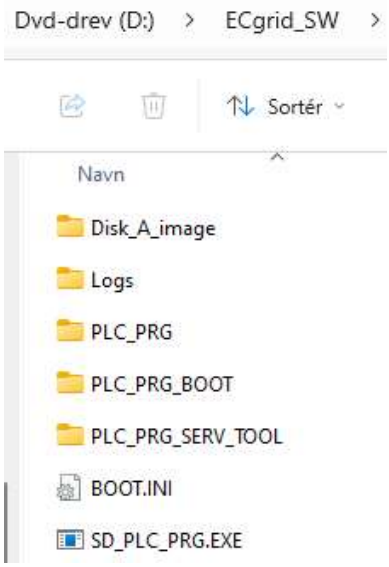
In order to update the ECgrid SW via USB stick the following is required.

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

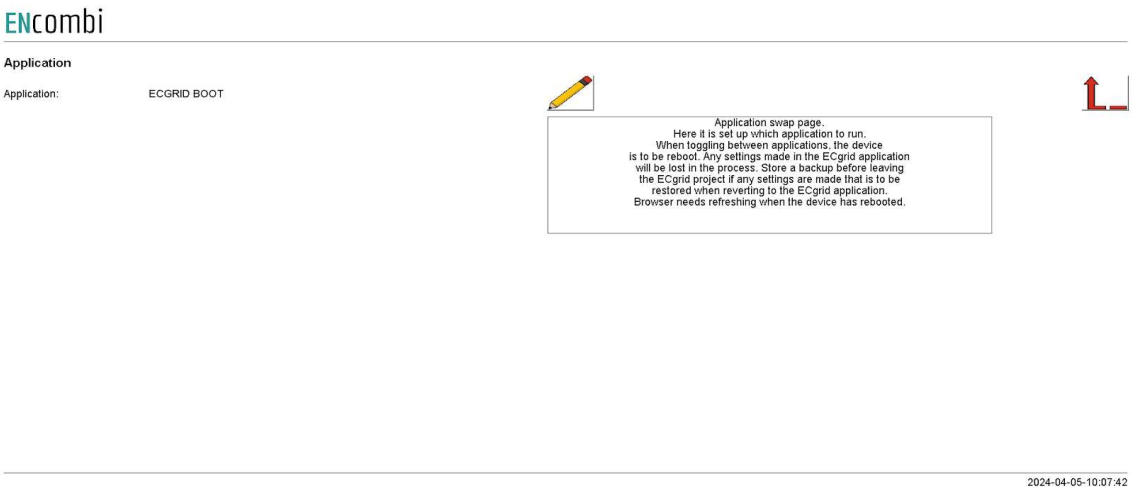
Recipe

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

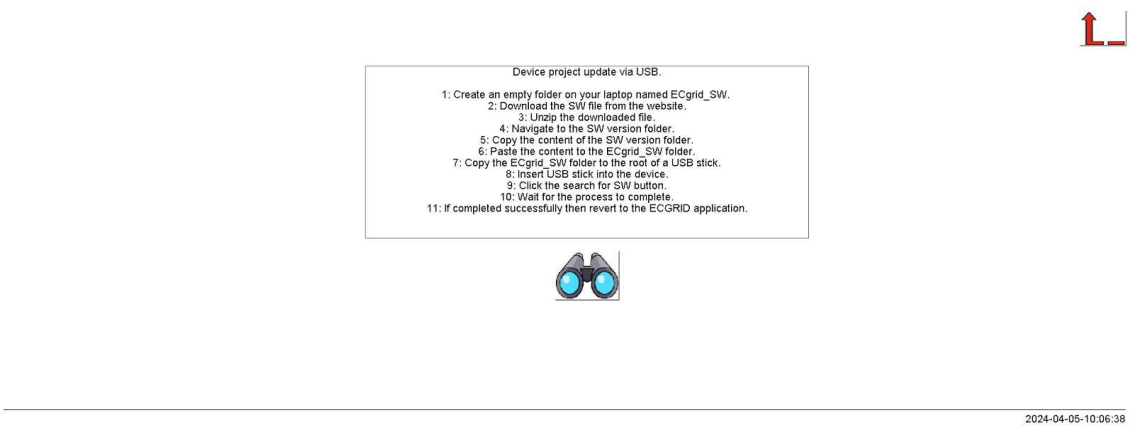
- The SW is downloaded as a zip file.
- Create a folder "ECgrid_SW" in the root of a USB stick and copy the content of the zip file into the folder as shown below.



- Stick the USB stick into ECgrid.
- 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 ECgrid application. Do not revert to the ECgrid 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 ECgrid application.
- For the first start up it will be approximately 60s until the “Run/Stop” LED is illuminated and ECgrid is ready to operate. Thereafter it will be the normal approximately 30s.

Updating via SD card

This approach is supported from all ECgrid versions.

Requirements

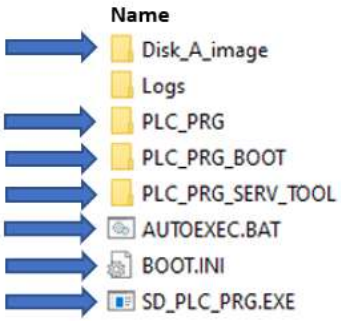
In order to update the SW in an ECgrid via SD card the following is required.

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

Recipe

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

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



- Power down the ECgrid.
- Remove the SD card from the ECgrid.
- 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 the laptop to the root of the SD card.
- Remove the SD card from your laptop and stick it back into the ECgrid.
- Power up the ECgrid. For the first power up it will be approximately 60s until the “Run/Stop” LED is illuminated and ECgrid is ready to operate. Thereafter it will be the normal approximately 30s.