

# OCCP Set-up Manual



**ALFEN**  
POWER TO ADAPT



mobiflow



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## Introduction

This document describes how you need to connect your Alfen charging device via OCPP to the Mobiflow backend by using the Alfen ACE installer. Please insert the Mobiflow SIM card in the SIM card slot of the Alfen charging device (*please consult the device manual for the location of the SIM card slot*).

Firstly, you will need to download and install the Alfen ACE installer on your laptop: | [Alfen N.V.](#)

Secondly, you will need to request a login and sign up for an account:

[Log in - Service Desk \(alfen.com\)](#)

### Log in

#### Customer Service Portal Login

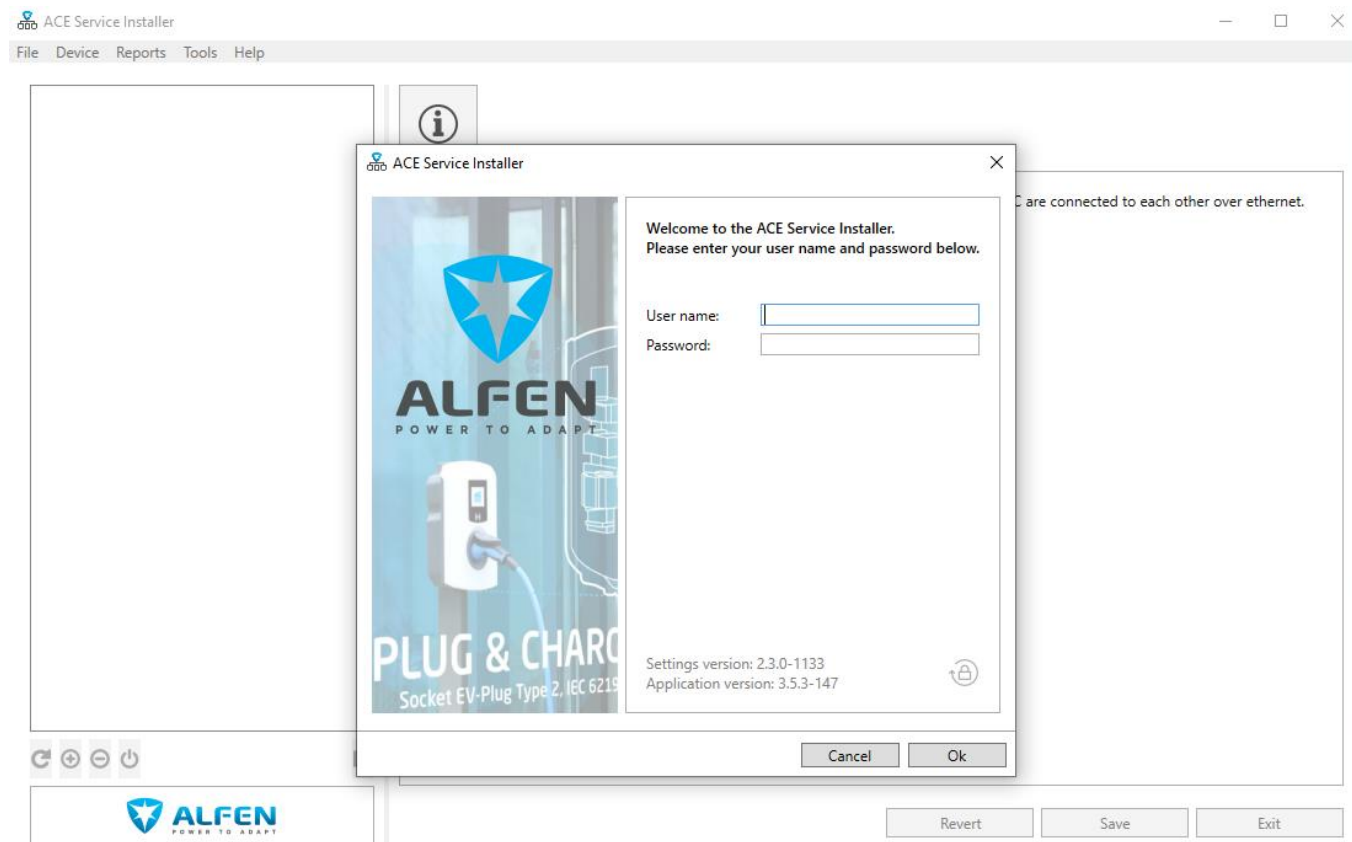
By creating an account and accessing the Customer Service Portal, you accept the Customer Service Portal Terms & Conditions.

These Customer Service Portal Terms & Conditions can be accessed and read here.

 Keep me logged in[Forgot your password?](#)[Sign up for an account](#)

## Step by step guide to connect your Alfen charging device to Mobiflow with the ACE installer

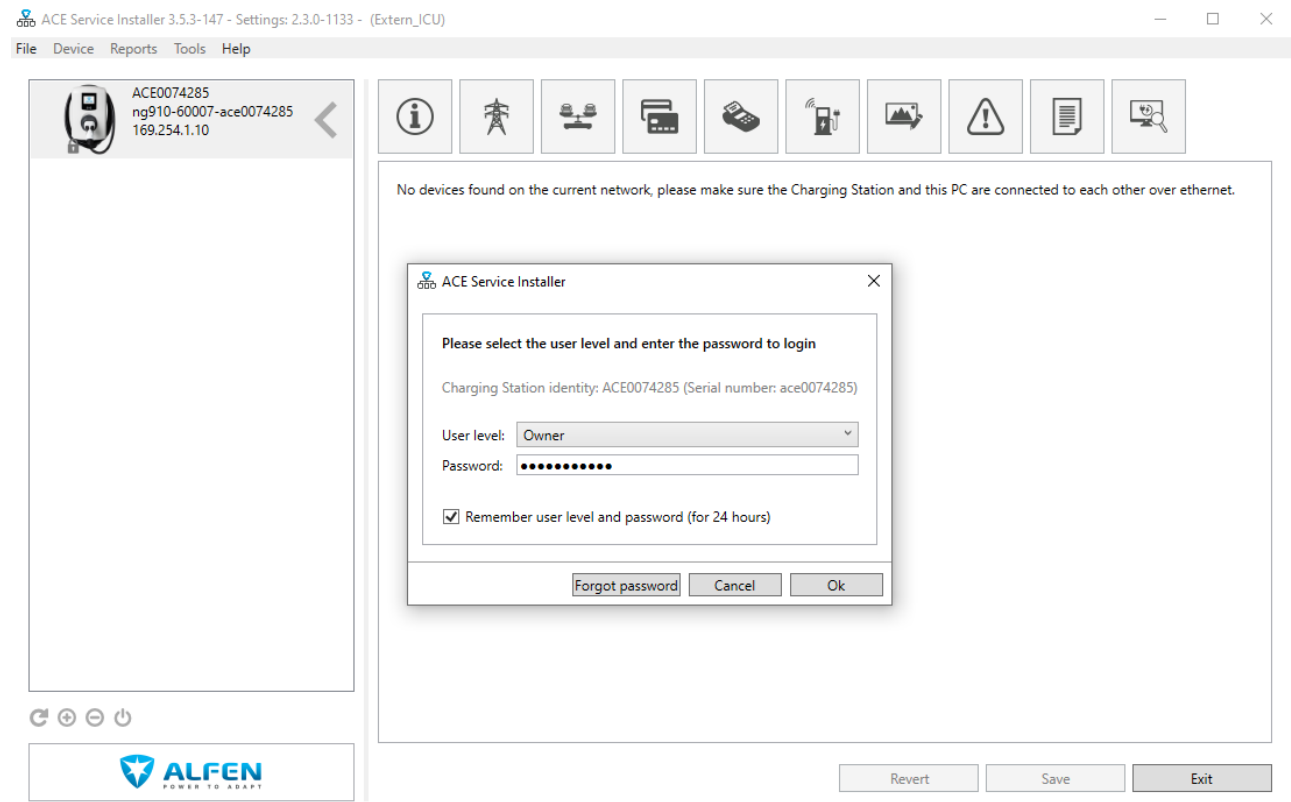
1. After you have received your login credentials,
2. open the ACE installer app and log in.



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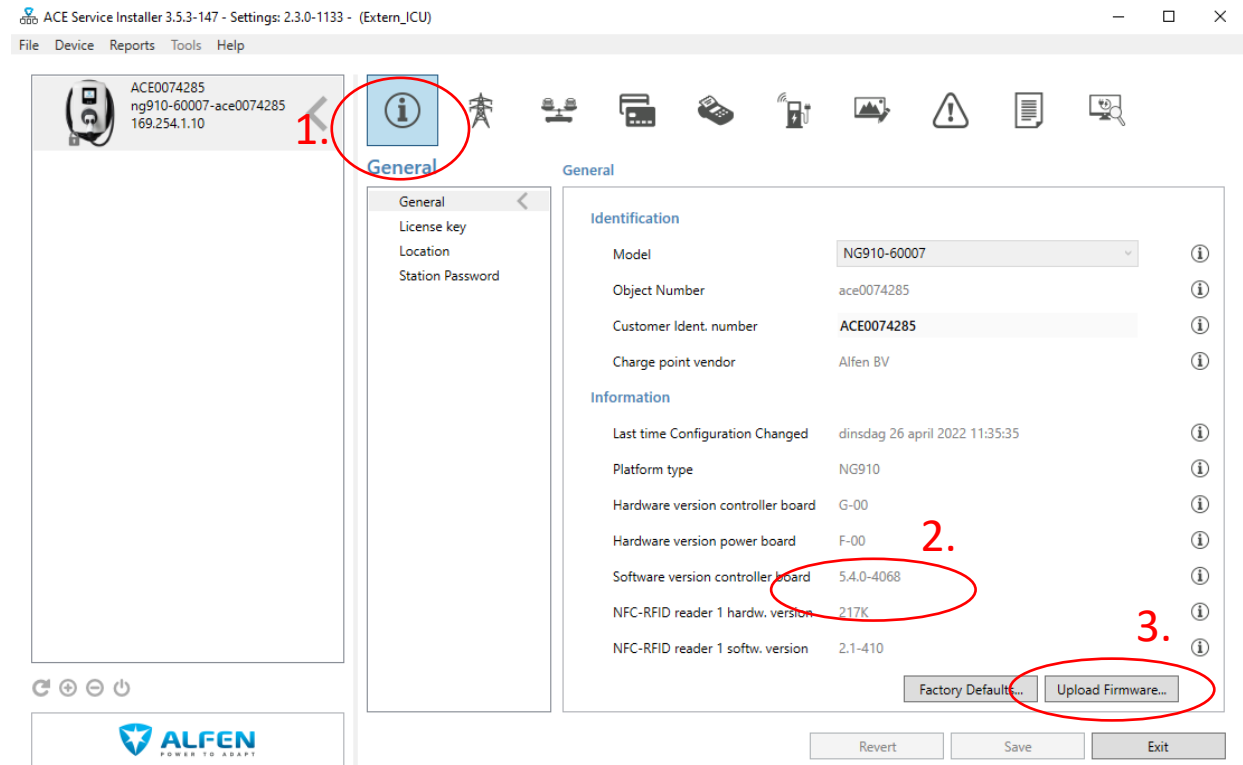
- The ACE installer requires a password. This password is specified on a sticker inside the box.

If there is no sticker inside the box containing the password, the password can also be found online in the Alfen webshop. However, the webshop can only be accessed by the person who has ordered the charging device directly from Alfen. If you have bought the device from a wholesaler, it is the wholesaler who is able to access the shop.



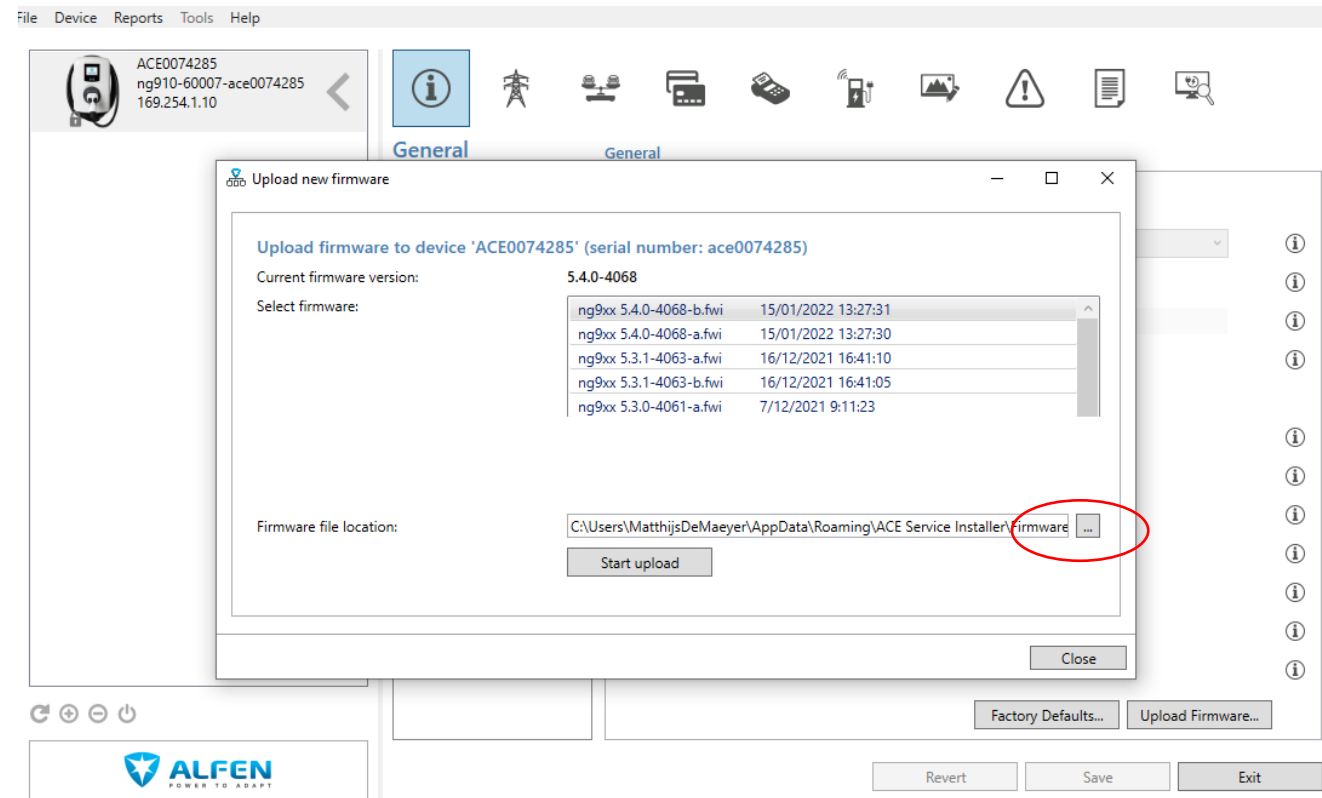
## Step by step guide to connect your Alfen charging device to Mobiflow with the ACE installer

4. Check the firmware version by clicking on the “Information” button at the top left.
5. Depending on the firmware you will need to upload Root Certificate A or B (which you can download) on the Mobiflow manual page next to the Alfen logo.  
Firmware 4.12 and lower → simpoint A.fwi  
Firmware 4.14 and higher → simpoint B.fwi
6. Press upload firmware.



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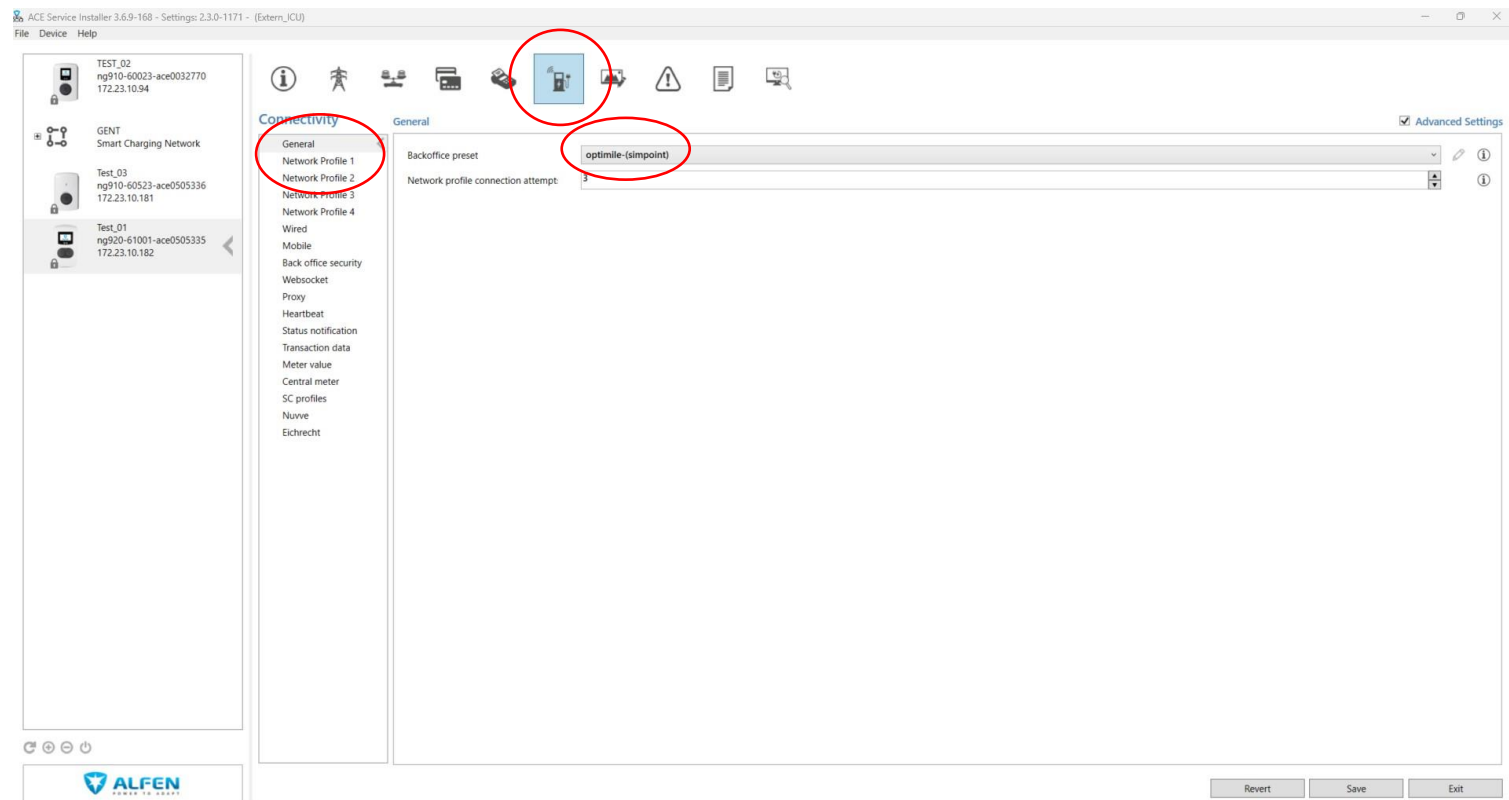
- Click on the breadcrumb icon and choose the correct file A or B. Press "Start upload" to upload the Root Certificate.



## Step by step guide to connect your Alfen charging device to Mobiflow with the ACE installer

8. Go to the connectivity tab.
9. Select the backoffice preset: Optimile Simpoint under 'general'

! Always click on save below !



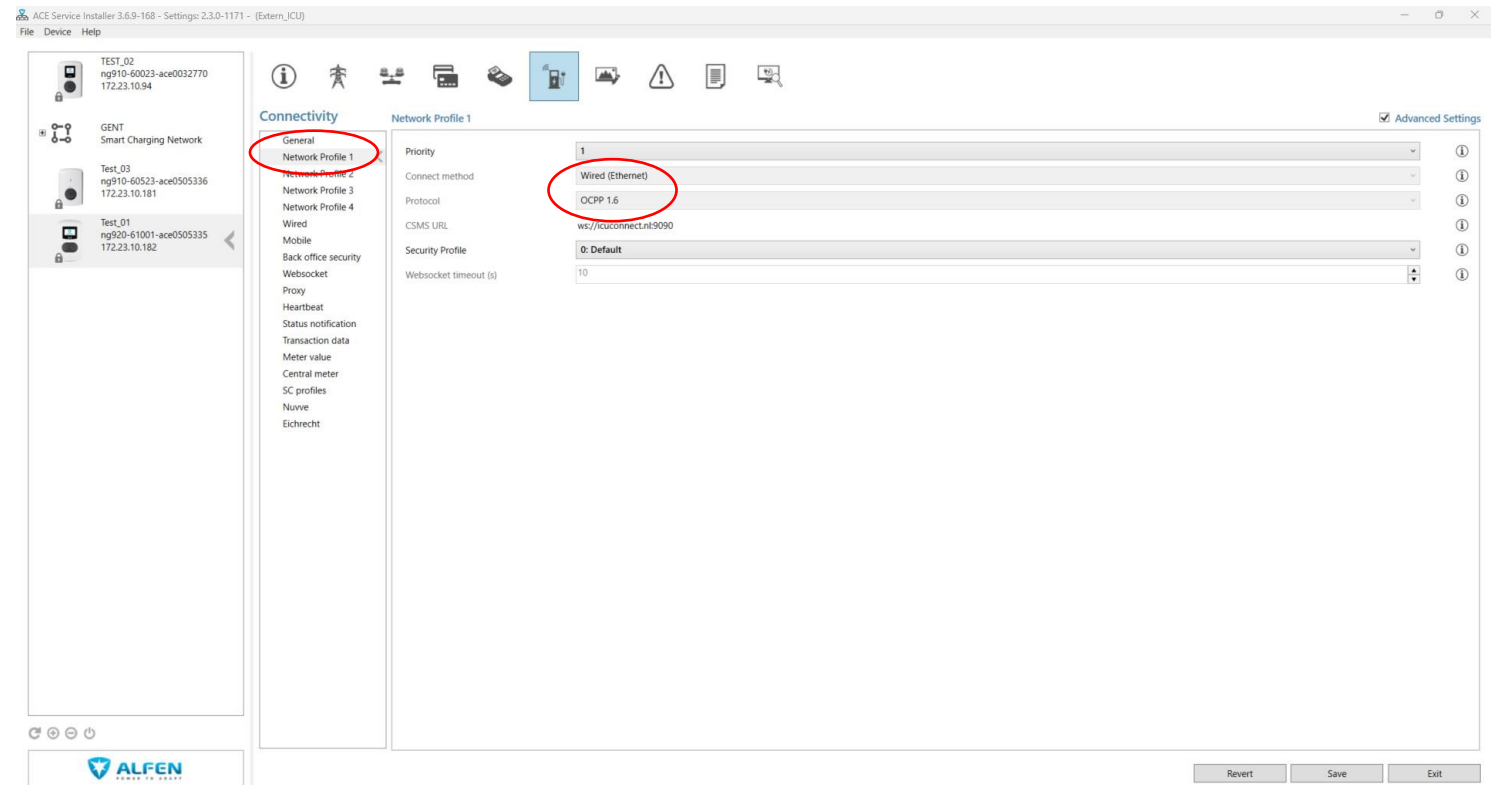


## Step by step guide to connect your Alfen charging device to Mobiflow with the ACE installer

10. Select 'Network profile 1'. (Depending on how the charging station is connected via UTP or SIM --> select wired or mobile next to connect method respectively.)

11. Select OCPP 1.6 next to 'protocol'.

! Always click on save below !



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Optional: (If you have more than 1 connection type)

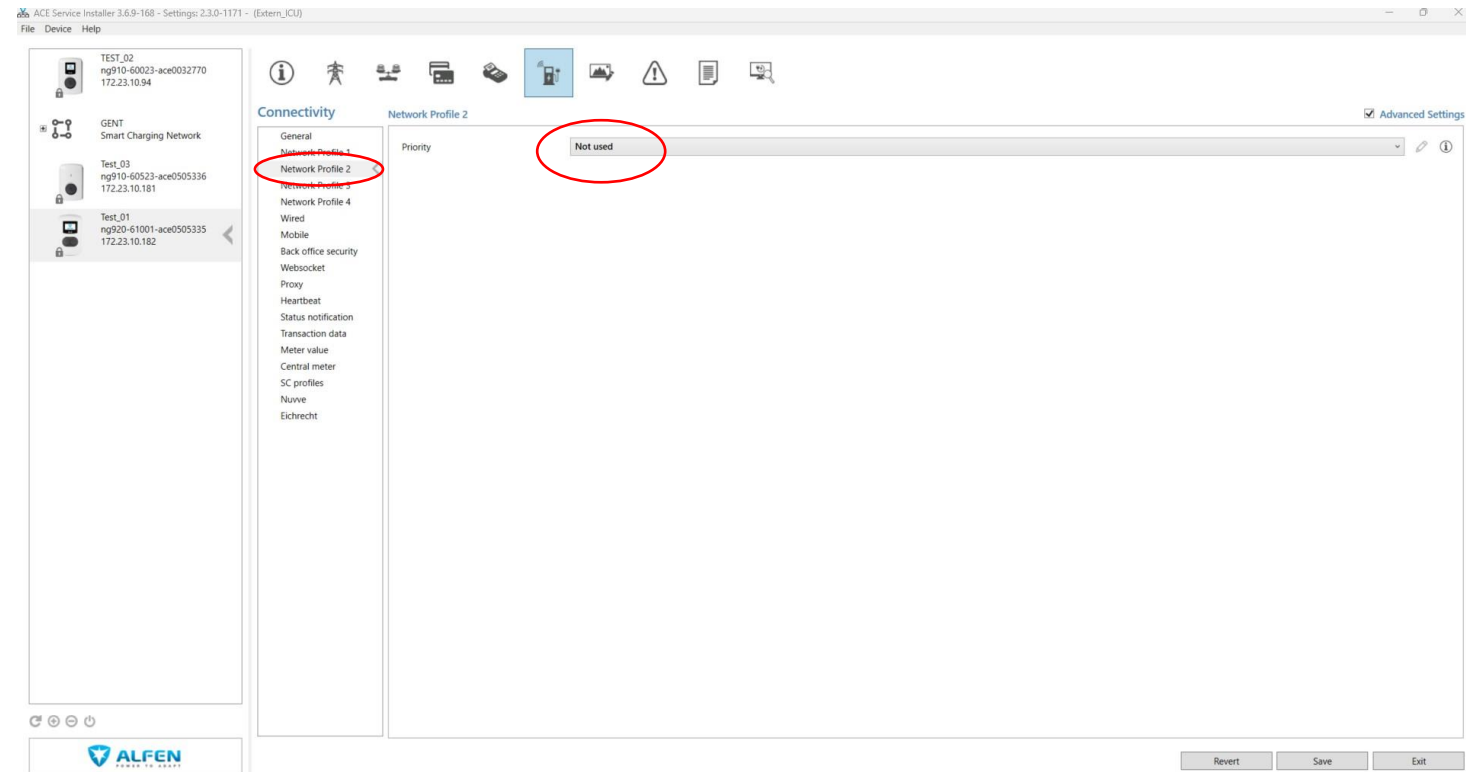
12. Select 'Network profile 2'. (Depending on how the charging station is connected via UTP or SIM --> select wired or mobile next to connect method respectively.)

13. Select OCPP 1.6 next to 'protocol'.

14. If the protocol is not used indicate it accordingly

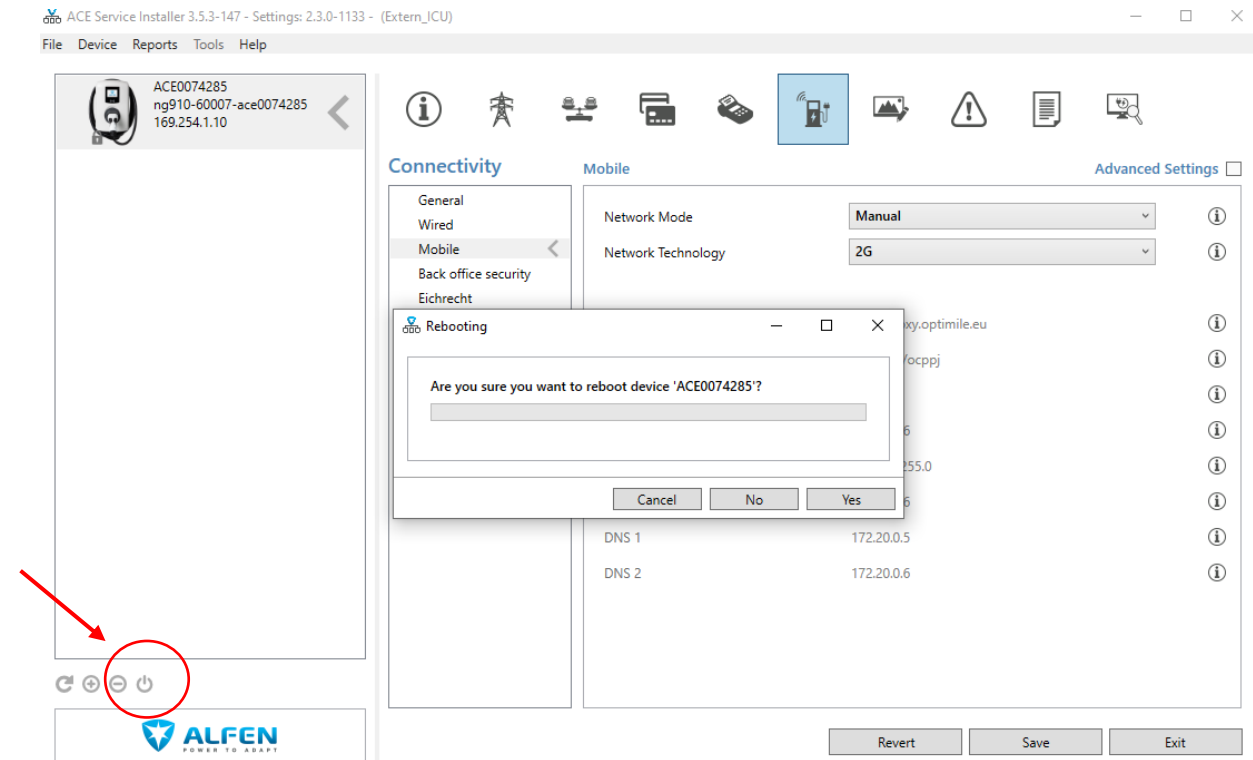
Note: select your priorities between the active profiles.

! Always click on save below !



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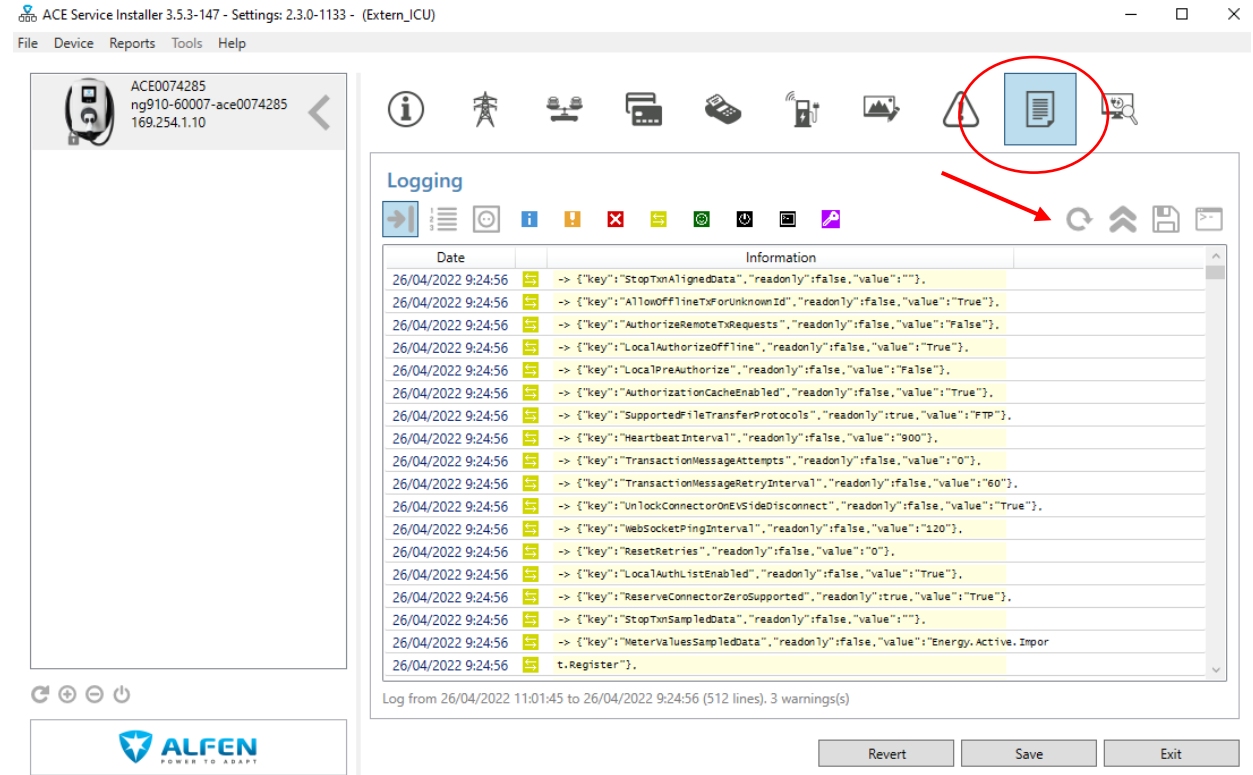
12. Reboot the device and click “Yes”. The device will restart with all the new settings, but only if you have clicked “Save” after each step.



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13. Go to the logging tab to check if there is a connection with the Mobiflow backend.

If you see a lot of green text with a two arrow logo, that means the device is sending data. Refresh the logging if necessary.



ACE Service Installer 3.5.3-147 - Settings: 2.3.0-1133 - (Extern\_JCU)

File Device Reports Tools Help

ACE0074285  
ng910-60007-ace0074285  
169.254.1.10

Logging

| Date               | Information   |
|--------------------|---|
| 26/04/2022 9:24:56 | ["key":"StopTxnAlignedData","readonly":false,"value":""],                       |
| 26/04/2022 9:24:56 | ["key":"AllowOfflineTxForUnknownId","readonly":false,"value":"True"],           |
| 26/04/2022 9:24:56 | ["key":"AuthorizeRemoteTxRequests","readonly":false,"value":"False"],           |
| 26/04/2022 9:24:56 | ["key":"LocalAuthorizeOffline","readonly":false,"value":"True"],                |
| 26/04/2022 9:24:56 | ["key":"LocalPreAuthorize","readonly":false,"value":"False"],                   |
| 26/04/2022 9:24:56 | ["key":"AuthorizationCacheEnabled","readonly":false,"value":"True"],            |
| 26/04/2022 9:24:56 | ["key":"SupportedFileTransferProtocols","readonly":true,"value":"FTP"],         |
| 26/04/2022 9:24:56 | ["key":"HeartbeatInterval","readonly":false,"value":"900"],                     |
| 26/04/2022 9:24:56 | ["key":"TransactionMessageAttempts","readonly":false,"value":"0"],              |
| 26/04/2022 9:24:56 | ["key":"TransactionMessageRetryInterval","readonly":false,"value":"60"],        |
| 26/04/2022 9:24:56 | ["key":"UnlockConnectorOnEVSideDisconnect","readonly":false,"value":"True"],    |
| 26/04/2022 9:24:56 | ["key":"WebSocketPingInterval","readonly":false,"value":"120"],                 |
| 26/04/2022 9:24:56 | ["key":"ResetRetries","readonly":false,"value":"0"],                            |
| 26/04/2022 9:24:56 | ["key":"LocalAuthListEnabled","readonly":false,"value":"True"],                 |
| 26/04/2022 9:24:56 | ["key":"ReserveConnectorZeroSupported","readonly":true,"value":"True"],         |
| 26/04/2022 9:24:56 | ["key":"StopTxnSampledData","readonly":false,"value":""],                       |
| 26/04/2022 9:24:56 | ["key":"MeterValuesSampledData","readonly":false,"value":"Energy, Active, Impor |
| 26/04/2022 9:24:56 | t.Register"],   |

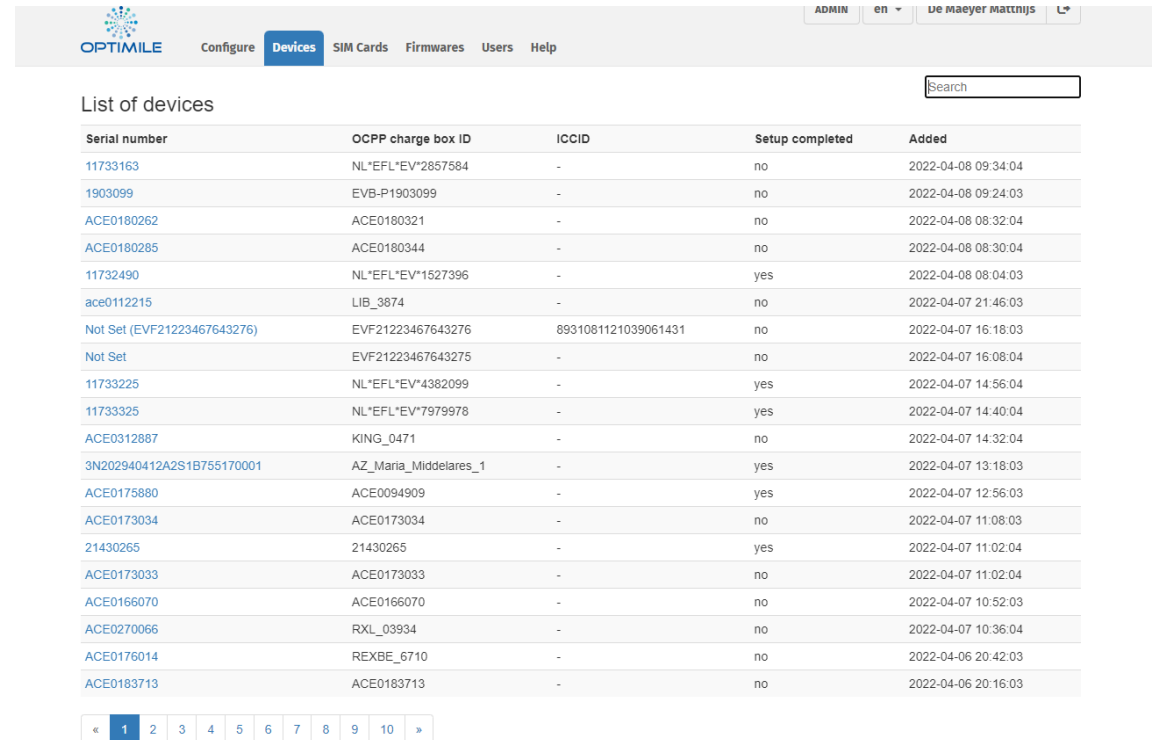
Log from 26/04/2022 11:01:45 to 26/04/2022 9:24:56 (512 lines). 3 warnings(s)

Revert Save Exit

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14. Go to the QA platform\* and confirm the device.

\* If you do not have a QA login, please check the website to get your login: [Toegang tot het QA platform aanvragen | Mobiflow](#) and the QA manual and how to confirm the device.



The screenshot shows the 'List of devices' page in the OPTIMILE web interface. The page has a navigation bar with 'Configure', 'Devices', 'SIM Cards', 'Firmwares', 'Users', and 'Help'. The 'Devices' tab is active. A search bar is located at the top right of the table area. The table contains columns for 'Serial number', 'OCPP charge box ID', 'ICCID', 'Setup completed', and 'Added'. The table lists 20 devices with their respective details.

| Serial number               | OCPP charge box ID    | ICCID               | Setup completed | Added               |
|-----------------------------|-----------------------|---------------------|-----------------|---------------------|
| 11733163                    | NL*EFL*EV*2857584     | -                   | no              | 2022-04-08 09:34:04 |
| 1903099                     | EVB-P1903099          | -                   | no              | 2022-04-08 09:24:03 |
| ACE0180262                  | ACE0180321            | -                   | no              | 2022-04-08 08:32:04 |
| ACE0180285                  | ACE0180344            | -                   | no              | 2022-04-08 08:30:04 |
| 11732490                    | NL*EFL*EV*1527396     | -                   | yes             | 2022-04-08 08:04:03 |
| ace0112215                  | LIB_3874              | -                   | no              | 2022-04-07 21:46:03 |
| Not Set (EVF21223467643276) | EVF21223467643276     | 8931081121039061431 | no              | 2022-04-07 16:18:03 |
| Not Set                     | EVF21223467643275     | -                   | no              | 2022-04-07 16:08:04 |
| 11733225                    | NL*EFL*EV*4382099     | -                   | yes             | 2022-04-07 14:56:04 |
| 11733325                    | NL*EFL*EV*7979978     | -                   | yes             | 2022-04-07 14:40:04 |
| ACE0312887                  | KING_0471             | -                   | no              | 2022-04-07 14:32:04 |
| 3N202940412A2S1B755170001   | AZ_Maria_Middelares_1 | -                   | yes             | 2022-04-07 13:18:03 |
| ACE0175880                  | ACE0094909            | -                   | yes             | 2022-04-07 12:56:03 |
| ACE0173034                  | ACE0173034            | -                   | no              | 2022-04-07 11:08:03 |
| 21430265                    | 21430265              | -                   | yes             | 2022-04-07 11:02:04 |
| ACE0173033                  | ACE0173033            | -                   | no              | 2022-04-07 11:02:04 |
| ACE0166070                  | ACE0166070            | -                   | no              | 2022-04-07 10:52:03 |
| ACE0270066                  | RXL_03934             | -                   | no              | 2022-04-07 10:36:04 |
| ACE0176014                  | REXBE_6710            | -                   | no              | 2022-04-06 20:42:03 |
| ACE0183713                  | ACE0183713            | -                   | no              | 2022-04-06 20:16:03 |