

# OCPP Set-up Manual



Life Is On



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*\* EVCE is the EcoStruxure EV Charging Expert that controls multiple charging stations for load balancing and other settings.*

## Introduction

The EVlink Parking, Smart Wallbox and Pro AC all require a modem / internet connection to connect the charging station(s) to the backend. Schneider Electric has a preconfigured modem available on their site which is carefully tested. One modem can be used for multiple charging stations.

1x [EVP3MM](#) modem can connect a whole eMobility network to the back-end. A Mobiflow SIM card can be inserted in this modem. The integrated modem for the EVlink Pro AC can connect up to 10 charging stations and is placed inside the charger, together with the SIM card.

For more information or help on the Schneider eMobility EcoStruxure:

[customer-service.be@schneider-electric.com](mailto:customer-service.be@schneider-electric.com)

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox with Mobiflow (without EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

- 1) Navigate to the webserver of the charging station
- 2) Log in on the charging station with the admin credentials

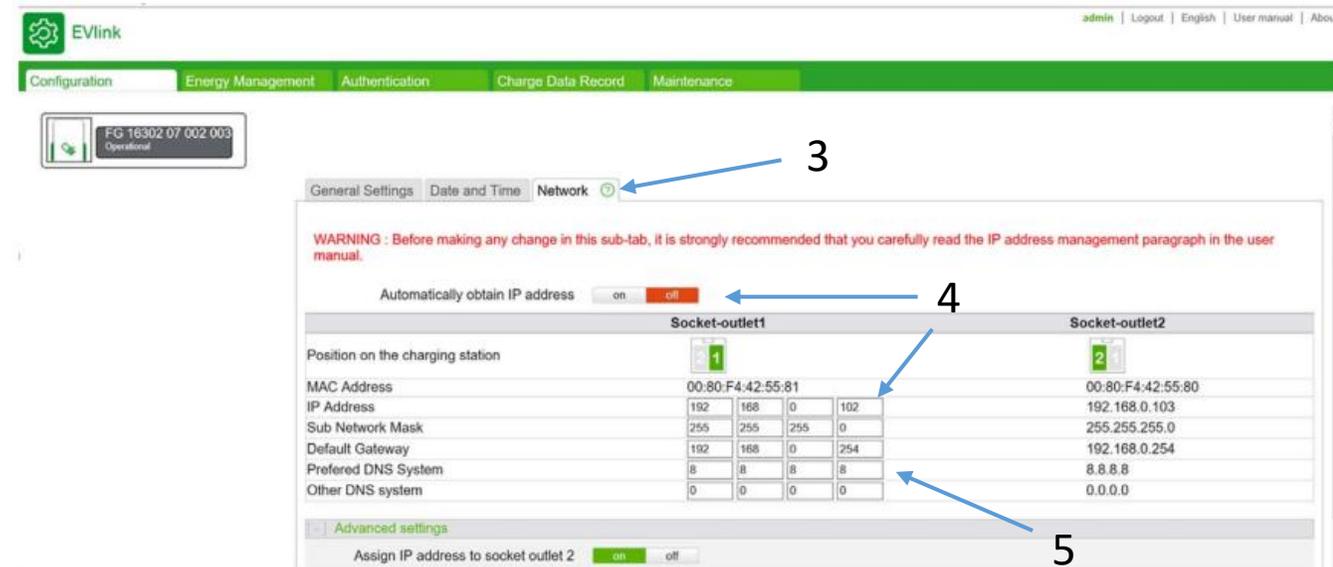


*Note: if you have multiple charging stations, you must perform these steps on all of them separately.*

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox with Mobiflow (without EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

- 3) Navigate to the “Network” tab on the “Configuration” page
- 4) Turn off “Automatically obtain IP address” and give the charging station an unique IP-address.
- 5) Set the DNS server to “172.20.0.5” and the other DNS server to “172.20.0.6” and click “Save”



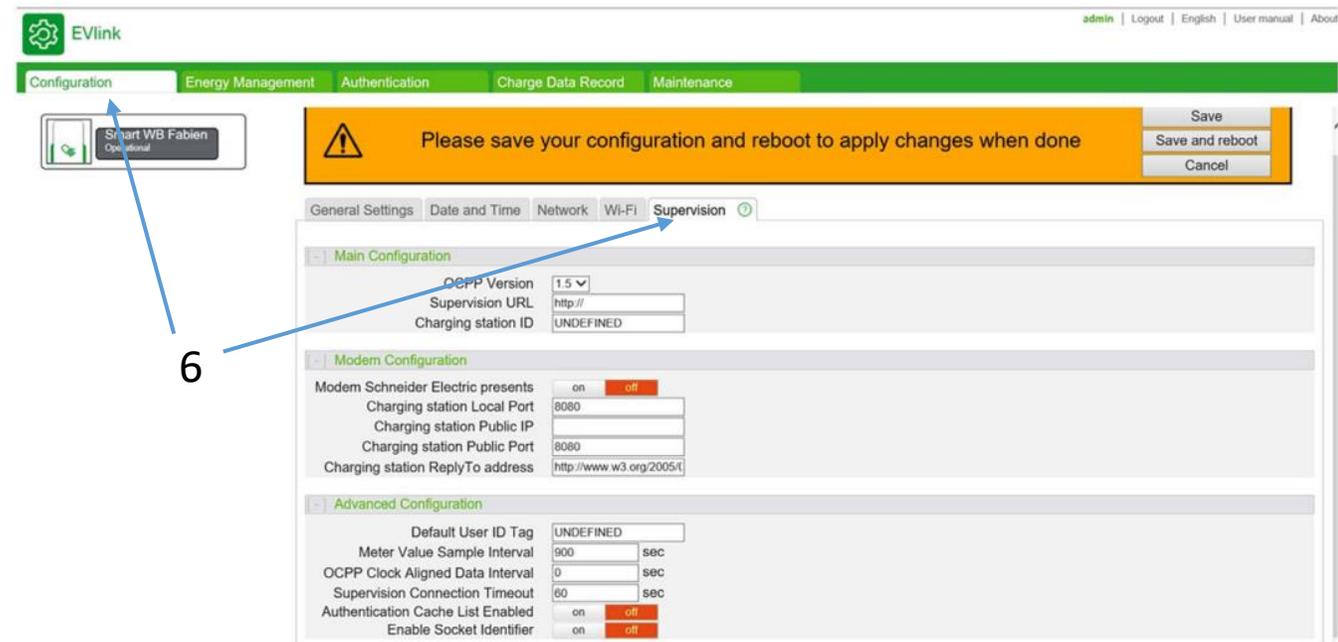
The screenshot shows the EVlink configuration interface. The top navigation bar includes 'Configuration', 'Energy Management', 'Authentication', 'Charge Data Record', and 'Maintenance'. The 'Network' tab is selected. A warning message is displayed: 'WARNING : Before making any change in this sub-tab, it is strongly recommended that you carefully read the IP address management paragraph in the user manual.' Below the warning, there is a toggle for 'Automatically obtain IP address' which is currently set to 'off'. The interface shows two socket outlets, 'Socket-outlet1' and 'Socket-outlet2'. The 'Automatically obtain IP address' toggle is labeled with a blue arrow and the number 4. The 'Network' tab is labeled with a blue arrow and the number 3. The 'Advanced settings' section is labeled with a blue arrow and the number 5. The 'Assign IP address to socket outlet 2' toggle is currently set to 'on'. The table below shows the configuration for each socket outlet.

Position on the charging station	Socket-outlet1	Socket-outlet2
MAC Address	00:80:F4:42:55:81	00:80:F4:42:55:80
IP Address	192.168.0.102	192.168.0.103
Sub Network Mask	255.255.255.0	255.255.255.0
Default Gateway	192.168.0.254	192.168.0.254
Prefered DNS System	8.8.8.8	8.8.8.8
Other DNS system	0.0.0.0	0.0.0.0

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox with Mobiflow (without EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

6) Navigate to the "Supervision" tab on the "Configuration" page



The screenshot shows the EVlink web interface. At the top, there is a navigation bar with tabs: Configuration, Energy Management, Authentication, Charge Data Record, and Maintenance. Below this, there is a sub-navigation bar with tabs: General Settings, Date and Time, Network, Wi-Fi, and Supervision. The Supervision tab is selected. A yellow warning banner at the top right says "Please save your configuration and reboot to apply changes when done" with buttons for Save, Save and reboot, and Cancel. The main configuration area is divided into three sections: Main Configuration, Modem Configuration, and Advanced Configuration. The Main Configuration section includes fields for OCPP Version (1.5), Supervision URL (http://), and Charging station ID (UNDEFINED). The Modem Configuration section includes a checkbox for "Modem Schneider Electric presents" (checked), and fields for Charging station Local Port (8080), Charging station Public IP, Charging station Public Port (8080), and Charging station Reply To address (http://www.w3.org/2005/). The Advanced Configuration section includes fields for Default User ID Tag (UNDEFINED), Meter Value Sample Interval (900 sec), OCPP Clock Aligned Data Interval (0 sec), Supervision Connection Timeout (60 sec), and checkboxes for Authentication Cache List Enabled and Enable Socket Identifier (both checked).

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox with Mobiflow (without EcoStruxure EV Charging Expert)

- 7) Choose OCPP version 1.6
- 8) Fill in the supervision URL  
`wss://proxy.optimile.eu/services/ocppj`
- 9) Choose a charging station ID and make sure it's unique, preferable the serial number. This can be found in the Maintenance Report.

EVlink

admin | Logout | English | User manual | About

Configuration Energy Management Authentication Charge Data Record Maintenance

Smart WB Fabien Operational

Please save your configuration and reboot to apply changes when done

Save Save and reboot Cancel

General Settings Date and Time Network Wi-Fi Supervision

Main Configuration

OCPP Version 1.5

Supervision URL http://

Charging station ID UNDEFINED

Modem Configuration

Modem Schneider Electric presents on off

Charging station Local Port 8080

Charging station Public IP

Charging station Public Port 8080

Charging station ReplyTo address http://www.w3.org/2005/1

Advanced Configuration

Default User ID Tag UNDEFINED

Meter Value Sample Interval 900 sec

OCPP Clock Aligned Data Interval 0 sec

Supervision Connection Timeout 60 sec

Authentication Cache List Enabled on off

Enable Socket Identifier on off

*Note: the charging station ID should not be changed anymore once the device is connected.*

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox with Mobiflow (without EcoStruxure EV Charging Expert)

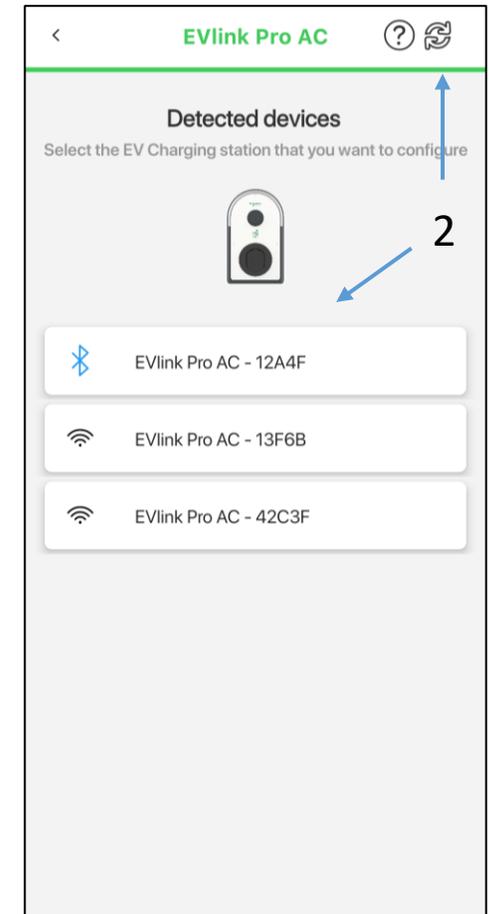
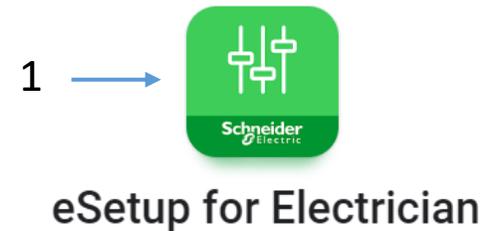
10) Save the changes and reboot the charging station

11) Log in on the QA platform to complete the setup

The screenshot displays the EVlink configuration web interface. At the top, there is a navigation bar with tabs for Configuration, Energy Management, Authentication, Charge Data Record, and Maintenance. A status indicator shows 'Smart WB Fabien Operational'. A prominent orange warning banner reads: 'Please save your configuration and reboot to apply changes when done'. To the right of this banner are three buttons: 'Save', 'Save and reboot', and 'Cancel'. Below the banner, the 'Supervision' tab is selected, showing configuration sections: 'Main Configuration' (OCPP Version: 1.5, Supervision URL: http://, Charging station ID: UNDEFINED), 'Modem Configuration' (Modem Schneider Electric presents: on/off, Charging station Local Port: 8080, Charging station Public IP: [empty], Charging station Public Port: 8080, Charging station ReplyTo address: http://www.w3.org/2005/11/), and 'Advanced Configuration' (Default User ID Tag: UNDEFINED, Meter Value Sample Interval: 900 sec, OCPP Clock Aligned Data Interval: 0 sec, Supervision Connection Timeout: 60 sec, Authentication Cache List Enabled: on/off, Enable Socket Identifier: on/off). A blue arrow points from the 'Save and reboot' button to the number '10' on the right side of the page.

## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

- 1) Open the “eSetup for Electricians” app, this can be downloaded on the Play Store and App Store
- 2) Scan to see available charging stations  
*Note: stations will only appear for 2 hours when powered on or for 15 minutes when an Admin badge is presented !*

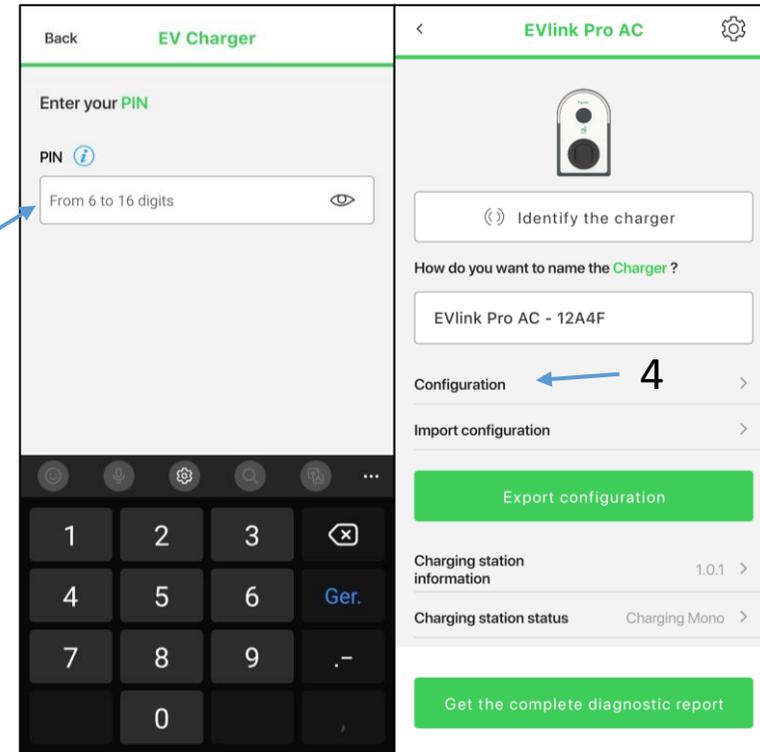


*Note: if you have multiple charging stations, you must perform these steps on all of them separately.*

## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

- 3) Log in on the charging station with the password or choose a new password on first login
- 4) Enter the "Configuration" tab

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## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

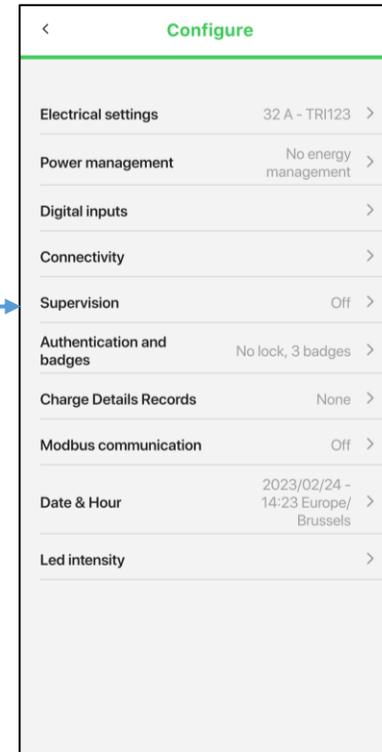
- 5) Navigate to the “Connectivity” tab, turn off the DHCP and give the charger an unique IP-address
- 6) Set the DNS server to “172.20.0.5” and the other DNS server to “172.20.0.6” and click “Save”

Configure	Network settings
Electrical settings 32 A - TRI123 >	DHCP
Power management No energy management >	<input type="checkbox"/> OFF <input type="checkbox"/> ON
Digital inputs >	IP V4 ADDRESS
Connectivity ← 5 >	192.168.0.24 ← 5
Supervision Off >	SUBNETWORK MASK
Authentication and badges No lock, 3 badges >	255.255.255.0
Charge Details Records None >	GATEWAY
Modbus communication Off >	192.168.0.145
Date & Hour 2023/02/24 - 14:23 Europe/ Brussels >	PREFERRED DNS
Led intensity >	172.20.0.5 ← 6
	OTHER DNS
	172.20.0.6 ← 6
	Save

## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

- 7) Go back to the "Configuration" tab
- 8) Navigate to the "Supervision" tab

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## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

- 9) Turn the Supervision "ON"
- 10) Fill in the supervision URL  
`wss://proxy.optimile.eu/services/ocppj`
- 11) Choose a charging station ID and make sure it's unique, preferable the serial number. This can be found on the side of the charging station or in the app.
- 12) Change any other options by preference



Note: the charging station ID should not be changed anymore once the device is connected.

Supervision

SUPERVISION ⓘ

OFF ON

REMOTE SUPERVISION URL

wss://proxy.optimile.eu/services/ocppj

CHARGING STATION IDENTIFIER

serialnumberhere

PASSWORD

AUTHENTICATION THROUGH SUPERVISION

Authentication required (Public)  
Start and stop charge by same user

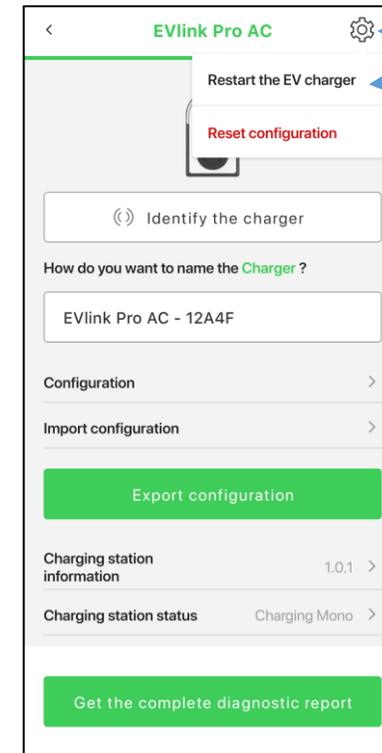
Authentication disabled

Save

## Step by step guide to connect 1 or multiple EVlink Pro AC with Mobiflow (without EcoStruxure EV Charging Expert)

13) Save the changes and reboot the charging station

14) Log in on the QA platform to complete the setup

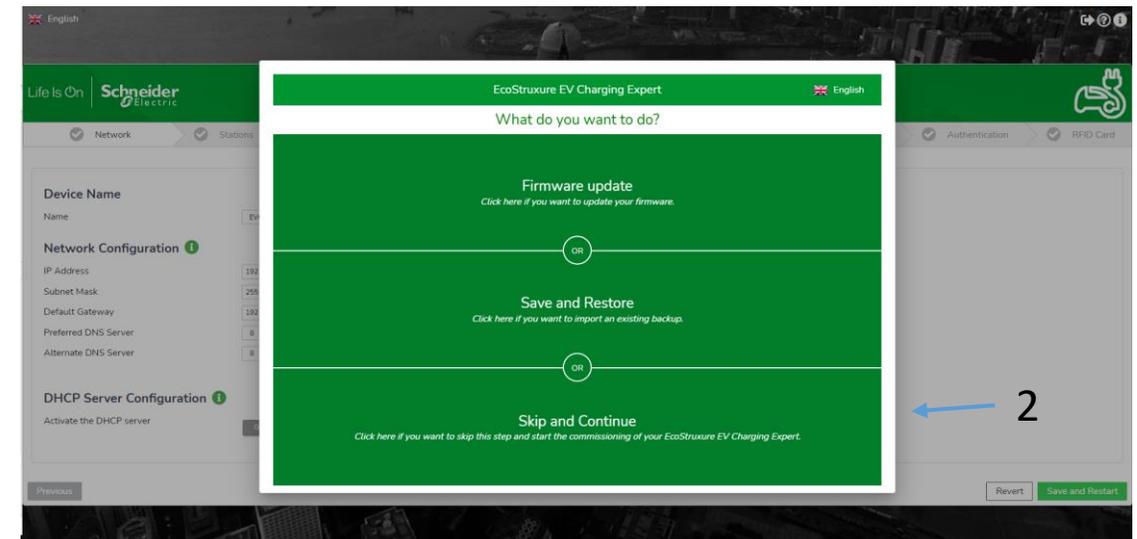


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## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

- First time login:
  - 1) Log in on the webserver and click “Standalone”
  - 2) Click “Skip and Continue” to start the configurator



Note: if you have multiple charging stations, you must perform these steps only in the EVCE.

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

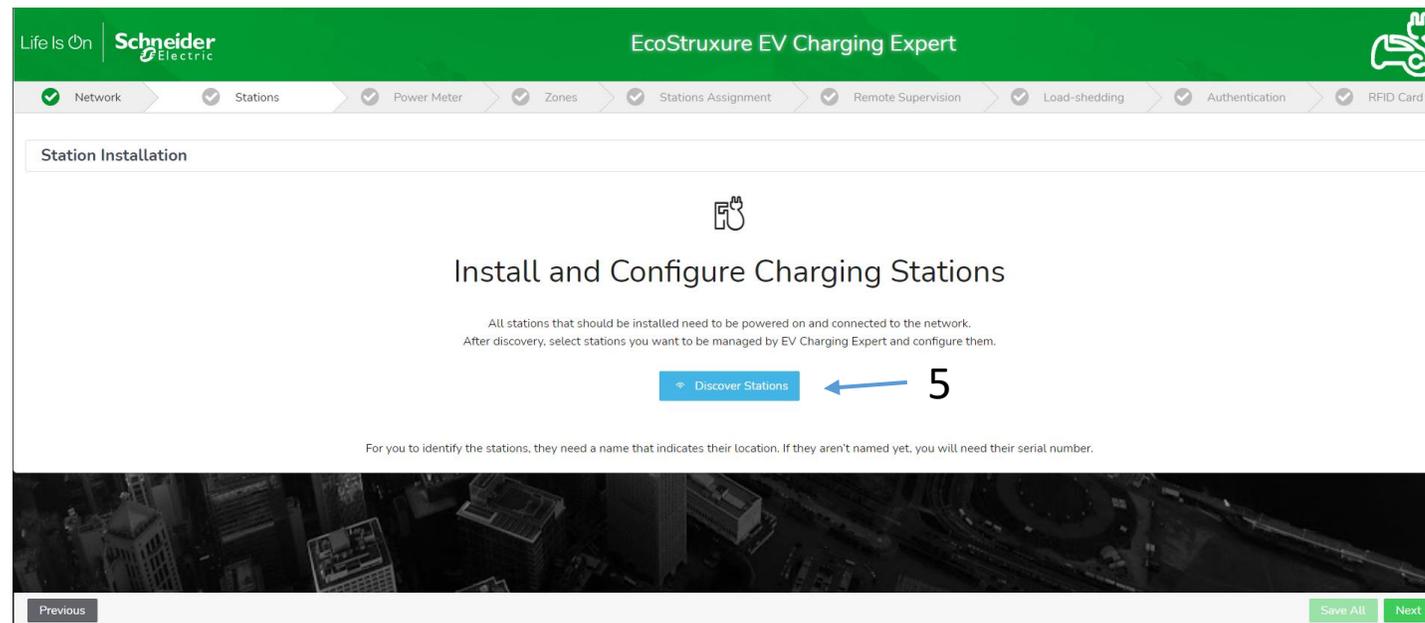
- First time login:
  - In the “Network” tab, change the IP-address depending on the configuration
  - Set the DNS server to “172.20.0.5” and the other DNS server to “172.20.0.6” and click “Save and Restart”

The screenshot displays the 'EcoStruxure EV Charging Expert' web interface. The top navigation bar includes the Schneider Electric logo and a series of tabs: Network, Stations, Power Meter, Zones, Stations Assignment, Remote Supervision, Load-shedding, Authentication, and RFID Card. The 'Network' tab is active. The main content area is divided into sections: 'Device Name' with a text input field containing 'EVCE'; 'Network Configuration' with fields for IP Address (192.168.0.128), Subnet Mask (255.255.255.0), Default Gateway (192.168.0.254), Preferred DNS Server (172.20.0.5), and Alternate DNS Server (172.20.0.6); and 'DHCP Server Configuration' with a toggle switch for 'Activate the DHCP server' set to 'OFF'. Blue arrows point to the IP Address field (labeled '3') and the two DNS Server fields (labeled '4'). At the bottom, there are 'Previous', 'Revert', and 'Save and Restart' buttons.

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

- First time login:
  - In the “Stations” tab, click on the “Discover Stations” button



## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- First time login:
  - 6) Select the found charging stations that you want to configure

The screenshot shows the 'EcoStruxure EV Charging Expert' interface. At the top, there is a navigation bar with the Schneider Electric logo and the title 'EcoStruxure EV Charging Expert'. Below this is a progress bar with steps: Network, Stations, Power Meter, Zones, Stations Assignment, Remote Supervision, Load-shedding, Authentication, and RFID Card. The 'Stations' step is currently active.

The main content area is titled 'Station Installation' and shows 'Stations Detected : 42'. There are 'DISCOVER' and 'FILTERS' buttons. Below this is a table with the following columns: Model, IP Address, Station Name, Connectors, and Box Identity. The table lists several stations, including EVlink Pro AC and Smart Wallbox models. A large number '6' with arrows points to the first two rows of the table, indicating the selection step.

Model	IP Address	Station Name	Connectors	Box Identity
EVlink Pro AC				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ANPSC	192 . 168 . 0 . 2	Station 02	TRI123 MON01	S02
Smart Wallbox				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296AELRY	192 . 168 . 0 . 3	Station 03	TRI312 MON01	S03
EVlink Pro AC				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ARGCS	192 . 168 . 0 . 4	Station 04	TRI312 MON01	S04
City				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296AWBKY	192 . 168 . 0 . 5	Station 05	TRI231 MON02	S05
City				
<input type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ACBXY	192 . 168 . 0 . 6	Station 06	TRI312 MON01	S06

Additional information for the first station (EVlink Pro AC):  
Vendor: Schneider Electric  
Version: 3300-12(r7)  
MAC Address: BF:E6:A5:D4:19:C9  
VIP Charging:

Buttons: Previous, Save All, Next

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- First time login:
  - Change the “Box Identity” for each charging station to an unique number, preferable the serial number and click on “SAVE ALL”  
 Note: if the charging station doesn't have a green arrow after saving, you will need to give it a manual reset and redo the previous actions.

The screenshot shows the 'Station Installation' page in the EcoStruxure EV Charging Expert interface. It displays a table of 17 charging stations. The 'Box Identity' column is highlighted with a blue arrow and the number 7, indicating the step to change this value for each station.

Model	IP Address	Station Name	Connectors	Box Identity
EVCE 17 Charging Stations Recovered ( 17 Charging Stations in Filters )				
EVlink Pro AC				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ANPSC	192 . 168 . 0 . 2	Station 02	TRI123 MON01	S02
Smart Wallbox				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296AELRY	192 . 168 . 0 . 3	Station 03	TRI312 MON01	S03
EVlink Pro AC				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ARGCS	192 . 168 . 0 . 4	Station 04	TRI312 MON01	S04
City				
<input checked="" type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296AWBKY	192 . 168 . 0 . 5	Station 05	TRI231 MON02	S05
City				
<input type="checkbox"/> SN : EVB1A22P4ERI3N170120500100296ACBXY	192 . 168 . 0 . 6	Station 06	TRI312 MON01	S06

Additional details for the first station (EVlink Pro AC):  
 Vendor: Schneider Electric  
 Version: 3300-12(r7)  
 MAC Address: BF:E6:A5:D4:19:C9

# Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- First time login:
  - Fill in the other tabs until you reach the “Remote Supervision” tab
  - Change the Supervision option to “ON” and fill in the Supervision URL  
`wss://proxy.optimile.eu/services/ocppj`
  - Click “Save and Next”

The screenshot shows the EcoStruxure EV Charging Expert web interface. The top navigation bar is green and contains the Schneider Electric logo, the text "EcoStruxure EV Charging Expert", and a user icon. Below the navigation bar is a progress bar with tabs for Network, Stations, Power Meter, Zones, Stations Assignment, Remote Supervision, Load-shedding, Authentication, and RFID Card. The "Remote Supervision" tab is currently active. A yellow warning banner at the top of the main content area reads "Please make sure that the stations are powered on!". The main content area is titled "Remote Supervision Configuration" and contains three fields: "Enable" with a toggle switch set to "ON", "Remote Supervision URL Address" with a text input field containing "wss://proxy.optimile.eu/services/ocppj", and "Supervisor HTTPS Certificate (optional)" with a "Choose File" button. A "Previous" button is at the bottom left and a "Save and Next" button is at the bottom right. Blue arrows and numbers 9 and 10 point to the "ON" toggle and the "Save and Next" button, respectively.

# Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- First time login:
  - Fill in the other tabs until you reach the “Authentication” tab
  - Choose for Authentication Mode “Authorize only the known RFID cards”, the other option is by preference

The screenshot shows the configuration page for the 'Authentication' tab in the EcoStruxure EV Charging Expert interface. The breadcrumb trail at the top indicates the following steps: Network, Stations, Power Meter, Zones, Stations Assignment, Remote Supervision, Load-shedding, Authentication, and RFID Card. The main heading is 'Configuration of the user identification and authentication mode to use the charging stations'. Below this, there is explanatory text: 'You are now selecting a generic option as authentication mode for the entire installation. Later, and once you land on the operation dashboard, you will have the possibility to change the authentication mode for the different charging stations.' This is followed by two sub-headers: 'Authentication Mode' and 'Authentication mode in case of disconnection between EV Charging Expert and the charging stations'. Under 'Authentication Mode', three options are listed: 'Authorize all RFID Cards', 'Authorize only the known RFID cards' (which is selected with a green bar and a checkmark, and has a blue arrow pointing to it with the number '12'), and 'Disable RFID'. Under 'Authentication mode in case of disconnection between EV Charging Expert and the charging stations', three options are listed: 'Authorize all RFID Cards' (selected with a green bar and a checkmark), 'Reject all RFID Cards', and 'Use Cache'. At the bottom left is a 'Previous' button and at the bottom right is a 'Save and Next' button.

Life Is On | Schneider Electric | EcoStruxure EV Charging Expert

Network Stations Power Meter Zones Stations Assignment Remote Supervision Load-shedding Authentication RFID Card

### Configuration of the user identification and authentication mode to use the charging stations

You are now selecting a generic option as authentication mode for the entire installation. Later, and once you land on the operation dashboard, you will have the possibility to change the authentication mode for the different charging stations.

- For an entire zone (on the 'Zones management' tab on the Admin > Configuration menu)
- For each charging station (on the 'Stations installation' menu)

**Authentication Mode**

- Authorize all RFID Cards
- Authorize only the known RFID cards  12
- Disable RFID

**Authentication mode in case of disconnection between EV Charging Expert and the charging stations**

- Authorize all RFID Cards
- Reject all RFID Cards
- Use Cache

Previous Save and Next

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- First time login:

13) Complete the installation and see the charging stations icons change from  to  on the dashboard.  
*Note: if the stations don't appear in the QA platform, give the whole system a restart (EVCE + chargers).*

14) Log in on the QA platform to complete the setup

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ID	Station	RFID Card	Status	Phase	Date	Duration	Energy	Setpoint	Current	
32	Station 02		Charging	1	25/01/2023, 19:51:45	158h06min	0.77 kWh	15	13.72 A	■ ■ ■
43	Station 17		Charging	1	21/09/2022, 14:48:51	3188h09min	0.6 kWh	32	30.26 A	■ ■ ■
55	Station 04		Charging	2	21/09/2022, 14:48:51	3188h09min	0.39 kWh	32	29 A	■ ■ ■
83	Station 40 (VIP)		Charging	1, 2, 3	21/09/2022, 14:48:51	3188h09min	0.36 kWh	32	29.57 A	■ ■ ■
100	Station 26		Charging	1	21/09/2022, 14:48:51	3188h09min	0.89 kWh	30	28 A	■ ■ ■
1168	Station 11		Suspended by System	2	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A	■ ■ ■
1170	Station 12		Suspended by System	1	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A	■ ■ ■
1203	Station 31		Suspended by System	1	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A	■ ■ ■
1204	Station 32		Suspended by Vehicle	1, 2, 3	21/09/2022, 14:48:51	3188h09min	0 kWh	32	0 A	■ ■ ■

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

Link to installation guide [here](#).

- Existing installation
  - 1) Log in on the webserver with the admin credentials
  - 2) On the dashboard, navigate to ADMIN → CONFIGURATION

The screenshot shows the EcoStruxure EV Charging Expert interface. The top navigation bar includes 'Life Is On', 'Schneider Electric', 'Charging Stations', 'RFID Cards', and 'Admin'. The 'Admin' menu is expanded, with 'Configuration' highlighted. A large '2' is placed over the 'Configuration' menu item. The main dashboard area shows 'Stations 42' and 'Power Outlets Fleet 1'. Below this, there are two donut charts: one for station status (Available, Charging, Not Connected) and one for 'CHARGES' (0). At the bottom, a 'TRANSACTION' table is visible.

ID	Station	RFID Card	Status	Phase	Date	Duration	Energy	Setpoint	Current	
32	Station 02		Charging	1	25/01/2023, 19:51:45	157h56min	0.77 kWh	15	13.72 A	■ ■
43	Station 17		Charging	1	21/09/2022, 14:48:51	3187h59min	0.6 kWh	32	30.26 A	■ ■
55	Station 04		Charging	2	21/09/2022, 14:48:51	3187h59min	0.39 kWh	32	29 A	■ ■
83	Station 40 (VIP)		Charging	1 2 3	21/09/2022, 14:48:51	3187h59min	0.36 kWh	32	29.57 A	■ ■
100	Station 26		Charging	1	21/09/2022, 14:48:51	3187h59min	0.89 kWh	30	28 A	■ ■
1168	Station 11		Suspended by System	2	21/09/2022, 14:48:51	3187h59min	0 kWh	0	0 A	■ ■
1170	Station 12		Suspended by System	1	21/09/2022, 14:48:51	3187h59min	0 kWh	0	0 A	■ ■
1203	Station 31		Suspended by System	1	21/09/2022, 14:48:51	3187h59min	0 kWh	0	0 A	■ ■
1204	Station 32		Suspended by Vehicle	1 2 3	21/09/2022, 14:48:51	3187h59min	0 kWh	32	0 A	■ ■

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- Existing installation
  - Navigate to the “Network” tab and change the DNS server to “172.20.0.5” and the alternate DNS server to “172.20.0.6” and click “Save”

The screenshot shows the Schneider Electric EcoStruxure EV Charging Expert web interface. The top navigation bar includes the Schneider Electric logo, 'Life Is On', and 'EcoStruxure EV Charging Expert'. The main navigation menu has tabs for 'Network', 'Remote Supervision', 'Load Shedding', 'Zone Management', 'Power Meters', 'Time of use', 'Digital Input', and 'Advanced'. The 'Network' tab is selected. The 'Device Name' section has a text input field containing 'EVCE'. The 'Network Configuration' section includes fields for IP Address (192.168.0.128), Subnet Mask (255.255.255.0), Default Gateway (192.168.0.254), Preferred DNS Server (172.20.0.5), and Alternate DNS Server (172.20.0.6). The 'Proxy Configuration' section has a toggle for 'Activate proxy support' set to 'OFF'. The 'DHCP Server Configuration' section has a toggle for 'Activate the DHCP server' set to 'OFF'. At the bottom, there are 'SAVE' and 'REVERT' buttons. A blue arrow points to the 'Network' tab, and another blue arrow points to the 'Preferred DNS Server' field, which is highlighted with a blue circle and the number '3'.

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- Existing installation
  - 4) Navigate to the "Remote Supervision" tab and change the option to "ON"

The screenshot shows the EcoStruxure EV Charging Expert web interface. The top navigation bar is green and contains the Schneider Electric logo, navigation links for Charging Stations, RFID Cards, and Admin, and the title EcoStruxure EV Charging Expert. The status bar shows 72, 5, 2, and English. The main content area has a navigation menu with tabs for Network, Remote Supervision, Load Shedding, Zone Management, Power Meters, Time of use, Digital Input, and Advanced. The Remote Supervision Configuration page is active, showing an 'Enable' toggle set to 'ON'. A blue arrow points to the 'ON' toggle with the number '4'. Below the toggle are input fields for Remote Supervision URL Address (wss://), Supervisor HTTPS Certificate (optional) (Choose File, No file chosen), Transaction Message Attempts (500), and Websocket Ping Interval (120). A 'SAVE' button is located at the bottom left.

## Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- Existing installation
  - 5) Fill in the supervision URL and press "SAVE", a restart is needed to confirm the changes.  
`wss://proxy.optimile.eu/services/ocppj`

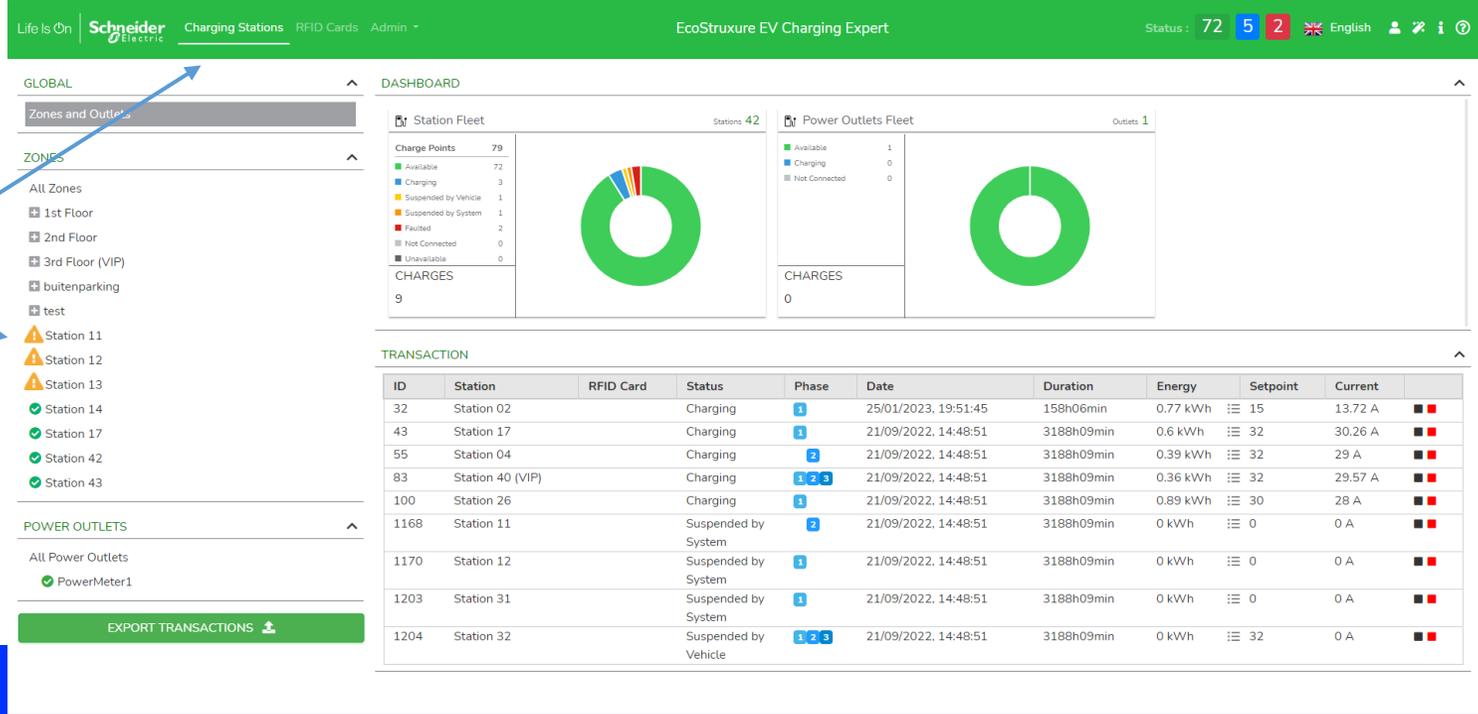
The screenshot shows the 'Remote Supervision Configuration' page in the Schneider Electric EcoStruxure EV Charging Expert interface. The page has a green header with the Schneider Electric logo and navigation tabs for Network, Remote Supervision, Load Shedding, Zone Management, Power Meters, Time of use, Digital Input, and Advanced. The 'Remote Supervision' tab is active. The configuration includes an 'Enable' toggle set to 'ON', a 'Remote Supervision URL Address' field containing 'wss://proxy.optimile.eu/services/ocppj', a 'Supervisor HTTPS Certificate (optional)' field with a 'Choose File' button and 'No file chosen' text, a 'Transaction Message Attempts' field with '500', and a 'Websocket Ping Interval' field with '120'. A blue 'SAVE' button is at the bottom left. A green notification bar at the top right says 'The modifications are correctly saved'. A blue arrow points from the number '5' to the URL field, and another blue arrow points from '5' to the 'SAVE' button.

# Step by step guide to connect 1 or multiple EVlink Parking / Smart Wallbox / Pro AC with Mobiflow (with EcoStruxure EV Charging Expert)

- Existing installation

- Go back to the dashboard and see the charging stations icons change from  to .  
*Note: if the stations don't appear in the QA platform, give the whole system a restart (EVCE + chargers).*
- Log in on the QA platform to complete the setup

6



The screenshot shows the EcoStruxure EV Charging Expert dashboard. The left sidebar has a 'ZONES' section with a list of stations. A blue arrow labeled '6' points from the 'Station 11' icon (a warning triangle) to the 'Station 11' entry in the list, which now shows a green checkmark. Another blue arrow labeled '6' points from the 'Station 12' icon (a warning triangle) to the 'Station 12' entry in the list, which also shows a green checkmark. The main dashboard area shows 'Station Fleet' and 'Power Outlets Fleet' with donut charts. The 'Station Fleet' chart shows 79 charge points: 72 Available (green), 3 Charging (blue), 1 Suspended by Vehicle (orange), 1 Suspended by System (red), 2 Faulted (grey), 0 Not Connected (light blue), and 0 Unavailable (dark grey). The 'Power Outlets Fleet' chart shows 1 outlet: 1 Available (green), 0 Charging (blue), and 0 Not Connected (light blue). Below these charts is a 'TRANSACTION' table.

ID	Station	RFID Card	Status	Phase	Date	Duration	Energy	Setpoint	Current
32	Station 02		Charging	1	25/01/2023, 19:51:45	158h06min	0.77 kWh	15	13.72 A
43	Station 17		Charging	1	21/09/2022, 14:48:51	3188h09min	0.6 kWh	32	30.26 A
55	Station 04		Charging	2	21/09/2022, 14:48:51	3188h09min	0.39 kWh	32	29 A
83	Station 40 (VIP)		Charging	1, 2, 3	21/09/2022, 14:48:51	3188h09min	0.36 kWh	32	29.57 A
100	Station 26		Charging	1	21/09/2022, 14:48:51	3188h09min	0.89 kWh	30	28 A
1168	Station 11		Suspended by System	2	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A
1170	Station 12		Suspended by System	1	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A
1203	Station 31		Suspended by System	1	21/09/2022, 14:48:51	3188h09min	0 kWh	0	0 A
1204	Station 32		Suspended by Vehicle	1, 2, 3	21/09/2022, 14:48:51	3188h09min	0 kWh	32	0 A

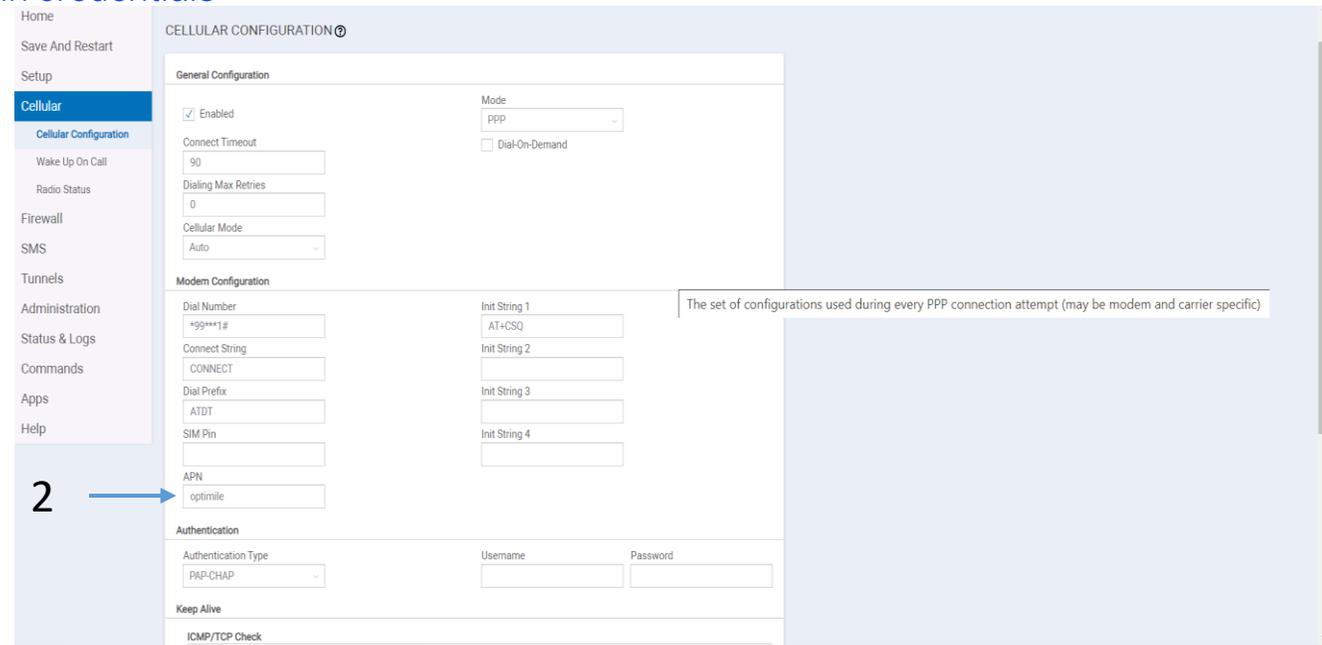
## Step by step guide to connect a modem to the charging stations or EcoStruxure EV Charging Expert

Link to installation guide [here](#).

- This modem can be used for 1 or multiple charging stations, with or without EVCE
  - 1) Log in on the webserver of the 4G modem with the admin credentials
  - 2) In tab "Cellular", change the APN to "optimile"



2 →



Home  
Save And Restart  
Setup  
**Cellular**  
Cellular Configuration  
Wake Up On Call  
Radio Status  
Firewall  
SMS  
Tunnels  
Administration  
Status & Logs  
Commands  
Apps  
Help

### CELLULAR CONFIGURATION

**General Configuration**

Enabled Mode:

Connect Timeout:   Dial-On-Demand

Dialing Max Retries:

Cellular Mode:

**Modem Configuration**

Dial Number:  Init String 1:

Connect String:  Init String 2:

Dial Prefix:  Init String 3:

SIM Pin:

APN:  Init String 4:

The set of configurations used during every PPP connection attempt (may be modem and carrier specific)

**Authentication**

Authentication Type:  Username:  Password:

**Keep Alive**

ICMP/TCP Check

## Step by step guide to connect a modem to the charging stations or EcoStruxure EV Charging Expert



- This modem can be used for 1 or multiple charging stations, with or without EVCE
  - 3) Navigate to the tab "Setup" and click on the pencil to change the IP-address, otherwise go to step 5
  - 4) Change the IP-address depending on the configuration and click on "Submit" and "Save and Apply"

Direction  
LAN

Enable IPv6 Support

IPv4 Settings

Mode Static	Gateway
IP Address 192.168.0.254	Primary DNS Server
Mask 255.255.255.0	Secondary DNS Server

Submit Cancel

4

3

Schneider Electric mPower™ Edge Intelligence rCell - Intelligent Cellular Router  
MTR-LEU7 Firmware 5.3.6

Home  
Save and Apply  
**Setup**  
Network Interfaces  
WAN Configuration  
Global DNS  
DDNS Configuration  
DHCP Configuration  
SMTP Configuration  
Serial-IP Configuration  
SNMP Configuration  
Time Configuration  
Cellular  
Firewall  
SMS  
Tunnels  
Administration  
Status & Logs  
Commands  
Apps  
Help

Reset To Default

NETWORK INTERFACES CONFIGURATION

Name	Direction	Type	IP Mode	IP Address	Bridge	Options
eth0	LAN	ETHER	-	-	br0	
ppp0	WAN IPv4	PPP	PPP			
br0	LAN IPv4	BRIDGE	Static	192.168.0.254/24	br0	

3

## Step by step guide to connect a modem to the charging stations or EcoStruxure EV Charging Expert

- This modem can be used for 1 or multiple charging stations, with or without EVCE

5) For 1 or multiple charging stations:

Change the gateway address of the charging station to the address of the modem using the webserver / eSetup app

6) For the EVCE:

Change the gateway address of the EVCE and charging stations to the address of the modem using the webserver / eSetup app



5 →

### Network settings

DHCP  
 OFF  ON

IP V4 ADDRESS  
192.168.0.24

SUBNETWORK MASK  
255.255.255.0

GATEWAY  
192.168.0.145

PREFERRED DNS  
0.0.0.0

OTHER DNS  
8.8.8.8

Save

5 →

### EVlink

admin | Logout | English | User manual | About

Configuration | Energy Management | Authentication | Charge Data Record | Maintenance

FG 16302 07 002 003  
Operational

General Settings | Date and Time | Network

WARNING : Before making any change in this sub-tab, it is strongly recommended that you carefully read the IP address management paragraph in the user manual.

Automatically obtain IP address  on  off

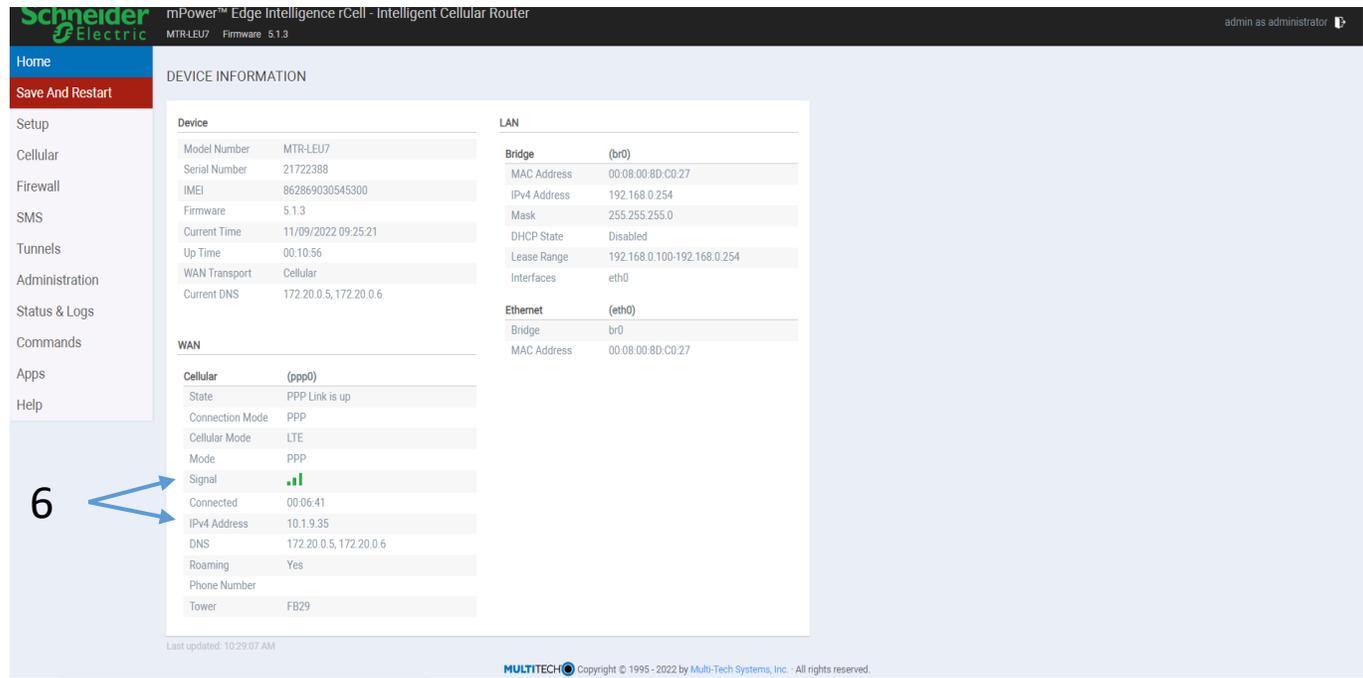
	Socket-outlet1				Socket-outlet2			
Position on the charging station	1				2			
MAC Address	00:80:F4:42:55:81				00:80:F4:42:55:80			
IP Address	192	168	0	102	192	168	0	103
Sub Network Mask	255	255	255	0	255	255	255	0
Default Gateway	192	168	0	254	192	168	0	254
Preferred DNS System	8	8	8	8	8	8	8	8
Other DNS system	0	0	0	0	0	0	0	0

Advanced settings

Assign IP address to socket outlet 2  on  off

## Step by step guide to connect a modem to the charging stations or EcoStruxure EV Charging Expert

- This modem can be used for 1 or multiple charging stations, with or without EVCE
  - 6) Check the signal strength and see if the modem gets an IPv4 address in the "Home" tab



The screenshot displays the web interface for the Schneider Electric mPower™ Edge Intelligence rCell - Intelligent Cellular Router. The interface is titled "mPower™ Edge Intelligence rCell - Intelligent Cellular Router" and "MTRLEU7 Firmware 5.1.3". The user is logged in as "admin as administrator".

The "Home" tab is selected, and the "Save And Restart" button is visible. The left sidebar contains navigation options: Setup, Cellular, Firewall, SMS, Tunnels, Administration, Status & Logs, Commands, Apps, and Help.

The main content area shows "DEVICE INFORMATION" with the following details:

Device		LAN	
Model Number	MTRLEU7	Bridge	(br0)
Serial Number	21722388	MAC Address	00:08:00:8D:CD:27
IMEI	862869030545300	IPv4 Address	192.168.0.254
Firmware	5.1.3	Mask	255.255.255.0
Current Time	11/09/2022 09:25:21	DHCP State	Disabled
Up Time	00:10:56	Lease Range	192.168.0.100-192.168.0.254
WAN Transport	Cellular	Interfaces	eth0
Current DNS	172.20.0.5, 172.20.0.6		

WAN	
Cellular	(ppp0)
State	PPP Link is up
Connection Mode	PPP
Cellular Mode	LTE
Mode	PPP
Signal	
Connected	00:06:41
IPv4 Address	10.1.9.35
DNS	172.20.0.5, 172.20.0.6
Roaming	Yes
Phone Number	
Tower	FB29

A blue arrow labeled "6" points to the "Signal" field in the WAN section, which shows a signal strength indicator of four bars.

At the bottom of the interface, it says "Last updated: 10:29:07 AM" and "MULTITECH Copyright © 1995 - 2022 by Multi-Tech Systems, Inc. All rights reserved."