

eMobility OnSite Commissioning Service

EVlink Pro AC connected to EcoStruxure EV Charging Expert

Statement of work

05/2022

GEX5781900

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1 Executive Summary

The EVlink OnSite Commissioning Service provides the assurance that the architecture is commissioned according to Schneider Electric standards and specifications.

The service includes the following:

- Commissioning of the charging station parameters and the load management system: EcoStruxure EV Charging Expert
- Customer report providing traceability for the parameters changes with backup files
- Work performed onsite by certified expert according to manufacturer's guidelines and using manufacturer's specialized tools.

This service is targeted for eMobility infrastructure with EVlink Pro AC charging stations connected to EcoStruxure EV Charging Expert.

The commissioning services apply only to Schneider Electric brand products (charging stations, power meter, switch, modem...). The non-Schneider Electric brand equipment is not under Schneider's responsibility.

In addition to the EVlink Commissioning Service, we offer additional support service:

- Connection to a back-end supervision: support for integration of the charging infrastructure to an Open Charge Point Protocol (OCPP) supervision (additional commercial reference to be ordered)

This service is performed during normal business hours.

On the day of his intervention, the technician does not check the quality of your work. If the work is not completed, we reserve the right to invoice the trip and to schedule another appointment.

2 Features & Benefits

Features	Benefits
Flexible service scheduling *	Service scheduling to support customer's business requirements.
On-site certified service professional	Provides an one-time on-site visit of certified Field Service Engineer(s), trained to safely start your charging station infrastructure following manufacturer's guidance.
Supply all necessary labour and travel	Frees customer resources to concentrate on core business activities.
Charging stations and load management parameters changes	Settings fitting to customer's application providing optimal operational efficiency.
Connection to a back-end supervision (optional)	Integration of the charging infrastructure to an OCPP supervision

* This service is performed during normal business hours.

3 Details of Service

3.1 Service deliverables

The Commissioning Service provides the on-site labour and needed tools to commission the EV charging infrastructure. The specific activities of this service are listed below:

Service deliverables	
Activities	Description
Coordinate Customer Site Arrival	Schneider Electric will coordinate the time and date of the Service Professional arrival at the customer site. Service Professional will arrive on site as scheduled, coordinating the service delivery and any special requirements, with the appointed contact.
Site Readiness check	Schneider Electric will provide a check list to the customer prior to the commissioning in order to ensure the readiness of the site. The customer needs to return the checklist prior to the commissioning service delivery.
Safety Check	Schneider Electric Service professional will, prior to the job execution, check if the job is ready to be done, consulting a complete safety checklist to ensure that there will be no harm to people and equipment during and after the commissioning.
Installation check	Schneider Electric professionals will check the eMobility installation to ensure there are no signs of damage, the environment is suitable for operation, and provides sufficient service access.
Commissioning	Schneider Electric professionals will commission the infrastructure according to customers' needs. (further details on the paragraph 3.2 Technical content)
Test	Schneider Electric professionals will ensure the start of the charging station and record a charging session.
Back-up	Schneider Electric professionals will create a back-up of charging station configuration
Commissioning report	Schneider Electric professionals will record a specific customer report covering parameter data of the EV Charging infrastructure.

3.2 Technical content

Detailed list of technical content	
Area	Items checked, recorded, or modified
Installation check according to IEC61851 and HD 60364-7-722 standards	Check that the electrical protections have a rating consistent with the installation (circuit breaker, RCD, MNx) Check visually the earth connection Check the general condition of the charging stations
EVlink Pro AC charging station and EcoStruxure EV Charging Expert commissioning <ul style="list-style-type: none"> Schneider Electric IP Address (with DHCP) 	1/ Schneider Electric IP Address (with DHCP) Network Configuration Charging station commissioning Power Meter Configuration (for Schneider Electric products only) Zone configuration and Charging Station assignment to zone Load shedding strategy and degraded mode Configuration

<ul style="list-style-type: none"> Customised IP address (without DHCP) 	<p>Authentication mode configuration: management of RFID/NFC badges</p> <p>2/ Customised IP address (without DHCP) Network Configuration IP address per EVlink Pro AC to configure via eSetup app Charging station commissioning Power Meter Configuration (for Schneider Electric products only) Zone configuration and Charging Station assignment to zone Load shedding strategy and degraded mode Configuration Authentication mode configuration: management of RFID/NFC badges</p>
<p>Option: connection to a third-party supervision OCPP protocol (option to be ordered separately) *</p> <p><i>Note: The supervision must be under the JSON 1.6 protocol</i></p>	<p>Connection of EVlink Pro AC charging stations to a Charge Point Operator (CPO) supervision via an Open Charge Point Protocol (OCPP) supervision</p> <p>1/ Installation connected to Internet directly Check that the site is connected to the Internet beforehand In case of remote supervision, customer must share: The list of "ChargeBoxIdentity" provided by the operator The operator's URL (URL= Uniform Resource Locator / internet address of the operator) Define the fallback modes when communication is lost with supervision</p> <p>2/ Installation connected to Internet through a Schneider Electric modem Setting of the modem parameters Check that the site is connected to the Internet beforehand In case of remote supervision, customer must share: The list of "ChargeBoxIdentity" provided by the operator The operator's URL (URL= Uniform Resource Locator / internet address of the operator) Define the fallback modes when communication is lost with supervision</p>
<p>Option: connection to a supervision Modbus protocol</p>	<p>Connection of EVlink Pro AC charging stations to Modbus communication parameters via eSetup app Define the fallback modes when communication is lost with supervision</p> <p>More information in: EVlinkProAC_ModbusConnectivityGuide_ GEX1969300</p> <p><i>Check that the site is connected to the Internet beforehand</i></p>
<p>Functioning test</p>	<p>Charging session tests of all charging stations with an AC Testing tool or an electric car.</p>
<p>Backup</p>	<p>Export of backup files: backup configuration, diagnostic, charge data record, badges <i>(if applicable)</i>.</p>
<p>Commissioning validation</p>	<p>Validation with the customer that the installation is commissioned and working properly. General presentation on how to operate: - View the main information of the installation</p>

	<ul style="list-style-type: none"> - Extract diagnostic and backup file, especially for Customer Care Center support - Manage badges - Modify the setpoints (maximum current for a zone),
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* Products may require an active Internet connection if they are connected to Ecostruxure EV Advisor or any other operation platform. It is therefore customer's responsibility to ensure that the infrastructure have at all times an active and stable Internet connection.

The internet connection shall be established by installation date and shall be in line with Schneider Electric Specification. All necessary information to configure devices connectivity (Gateway, dns...) requested in our specification must have been shared prior to installation date.

Schneider Electric is responsible for the connectivity of the infrastructure to the local Network but will not be responsible for the communication over the internet connection. The provision of services via the Platform and the quality thereof may be influenced by the infrastructure's connection to the Internet (including speed and stability). Such factors outside of Schneider Electric's control and any interruption in the Internet connection such as interruption of information transmission, incorrect transfer of information and any other case beyond the areas where there is an internet connection, is not Schneider Electric's responsibility.

4 Assumptions

The successful performance of the tasks defined in this Statement of Work is based on the following key assumptions, which are agreed to by Schneider Electric.

- This is a standardized fixed price service and only applies to customer locations with standard site and product access.
- The site readiness checklist validates the site conditions prior of the delivery of this service. Any special site conditions that are raised on it may prevent the successful deployment of this service.
- All services are performed on-site by certified Schneider Electric service personnel or partners.

The following items are not included in the scope of this service:

- The charging stations installation including cabling and connections
- Any parts needed

5 Scope of Responsibility

The items stated here are responsibilities of both Schneider Electric and the customer.

5.1 Schneider Electric responsibilities

- Meet the pre-determined scheduled service date;
- Perform all the Commissioning Service activities listed in this Statement of Work (SOW);
- Present required site forms to the customer.

5.2 Customer responsibilities

- Prior to order, inform Schneider Electric Sales of any special site conditions that could prohibit the successful execution of this standardized service.
- Once agreed upon with Schneider Electric Sales, the site readiness check list need to be provided to ensure the acceptable site conditions;
- Provide dates and times when the scheduled work can be performed;
- Fill the commissioning check-list before the commissioning date
- Facilitate site access for Schneider Electric service personnel and provide on-site point of contact.
- Since the product is used as a component in an entire system, the customer will provide the safety of persons by means of the design of this entire system.

On the day of his intervention, the technician does not check the quality of your work. If the work is not completed, we reserve the right to invoice the trip and to schedule another appointment.

6 Project Work Details

The project work details listed below are provided by Schneider Electric for the customer with regard to service date, place and completion criteria.

6.1 Schedule

Actual set dates will be discussed and approved between Schneider Electric and the customer.

6.2 Location

The location of this service will be on-site and will be agreed to by Schneider Electric and the customer prior to the service delivery.

6.3 Completion criteria

Schneider Electric is expected to have finished its written duties when any of the following occurs:

1. Schneider Electric completes all the tasks described in Section 3.0 of this SOW.
2. This service and Statement of Work are terminated for other reasons within the Customer Agreement.

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