

Goal

The goal of our EM-201 training is to provide an advanced understanding of the communication between Charging Stations (CS) and Charging Station Management Systems (CSMS) in terms of OCPP 1.6 & 2.0.1 specifications. The presentation of both specifications is based on the OCPP functional blocks. This will give you all the keys to develop debug, validation or use your OCPP setup.

This training duration is 1.5 days.

Each training session is organised on demand and can be done online or on-site.

One training session may accept up to 10 attendees.

Training content

The training is typically organized in four parts and can be adapted and extended to your specific needs:

Workshop 1: General overview (2h)

■ **Context and perimeter**

Actors and roles in the e-mobility ecosystem

Overview of the OCPP ecosystem: OCA, deployment and certifications

Overview of the existing and future OCPP versions

Workshop 2: OCPP 1.6 (3h)

■ **Protocol Layers**

Transport, Presentation and Application layers

■ **Functional blocks**

OCPP 1.6 functional blocks and associated messages

Workshop 3: OCPP 2.0.1 (3h)

■ **Presentation of OCPP 2.0.1**

What is new and different in OCPP 2.0.1

OCPP 2.0.1 use cases and associated messages

Workshop 4: Advanced use cases (3h)

■ **ISO 15118 Integration**

How to use ISO 15118 with OCPP

■ **Focus Cybersecurity and Plug&Charge**

How to secure the OCPP line in 1.6 and 2.0.1

How to manage ISO 15118 Plug&Charge with OCPP

Contact us

For further information about this training, please contact: emobilitysales@trialog.com