About Open Charge Alliance

The Open Charge Alliance (OCA) is a global consortium of public and private Electric Vehicle (EV) infrastructure leaders. Our mission is to foster global development, adoption, and compliance of communication protocols in the EV charging infrastructure and related standards through collaboration, education, testing, and certification.

• Our strength is a fundamental commitment to open processes and products
• Free to use: no constraints on the use of the standard
• Development is open and market driven to meet existing and emerging technical and business requirements
• Pragmatic approach that leverages knowledge and experience of experts in EV charging infrastructure
• Uphold OCPP and OSCP as vital standards, with implementations widely adopted and deployed

With more than 120 participants we span all sectors of the industry, including charging equipment manufacturers, software and systems providers, charging network operators, utilities, DSOs and research organizations.

Would you like to join OCA?
Please visit the website: www.openchargealliance.org/participants/becoming-a-participant

OCPP
• Development of the OCPP protocol
• Development of OCPP-Compliance Testing Tool and Certification
• Coordination of formal Accredited SDO (Standards Developing Organizations)
• International Promotion of OCPP
• Current versions: 1.5, 1.6 and 2.0

OSCP
• Development of the OSCP protocol
• Coordination of formal Accredited SDO (Standards Developing Organizations)
• National and international Promotion of OSCP
• Current version: 1.0 and 2.0 (under development)

OCA Board
• OCA board members:
  • ElaadNL, ESB,
  • Greenlots, GM Mobility and RWE
• Elected democratically every two years.
**Introduction to OCA**

We are a global consortium of public and private electric vehicle infrastructure leaders that have come together to promote open standards through the adoption of the Open Charge Point Protocol (OCPP) and the Open Smart Charging Protocol (OSCP).

**OCA Benefits**

- Our strength is a fundamental commitment to open processes and products.
- Free to use: no constraints on the use of the OCPP standard.
- Development is open and market driven to meet existing and emerging technical and business requirements.
- Pragmatic approach that leverages knowledge and experience of experts in EV charging infrastructure.
- Uphold OCPP (Open Charge Point Protocol) and OSCP (Open Smart Charging Protocol) as vital standards, with implementations widely adopted and deployed.
- Extensive OCA working groups for OCPP expertise from over 120 companies.

**OCA Working Groups**

- **Technical Working Group**
  In this group all the questions, comments, remarks and the new developments will be discussed for the Open Charge Point Protocol (OCPP) and Open Smart Charging Protocol (OSCP).

- **OSCP Technical Task Group**
  In this group we focus on the technical development of the new Open Smart Charging Protocol (OSCP), version 2.0.

- **Compliance Working Group**
  All active members can join this meeting to discuss the compliance toolkit and certification program. The toolkit will be developed to do private testing on both Charging Station Management System and Charging Station side.

- **OCA Promotional Working Group**
  This group will be consulted for commercial questions.

**What do we expect from you?**

- Your voluntary attendance in the calls and the face-to-face meetings.
- Input for Change Requests (CR).
- New requirements and use cases relevant for your EV business model.
- Review draft specifications and Change Requests on request.
- Most of all: your EV industry experience.

**Why become a participant?**

- You support and believe in open standards like OCPP and OSCP and want to contribute to the existence of it.
- You use or implement open standards and want to be up to date with the latest developments.
- You want to show to your customers that you support open standards and that you are compliant with it and you want to distinguish yourselves from organizations that cannot prove that.
- You want to contribute to new functionalities of OCPP and OSCP and other open standards.
- You want to act international or even global and want to support an organization with members and users of the protocols all over the world.

**OCPP Compliance Testing Tool**

- Can be used for validation of OCPP 1.6 implementation and preparing for OCPP 1.6 certification.
- Makes implementing OCPP 1.6 much easier.
- Helps regarding OCPP 1.6 implementations of different Charging Station and Central System vendors, especially for interoperability testing.
- Can simulate both the function of Charging Station and the Central System (Charging Station Management System).
- The tool will also be used in the future certification program. You can use the tool to validate your implementation before you apply for OCPP 1.6 certification at a designated test lab.

**How we work**

- Bi-weekly calls at Thursday 4pm CET or 9am CET, for the Technical Working Group (TWG).
- Monthly calls at Wednesday 4pm CET, for the OSCP Technical Task Group (TTG).
- Monthly calls at Wednesday 4pm CET, for the Compliance Working Group (CWG).
- Technical questions and discussions via supporting tools like Causeway and Jira.
- Public and closed review on draft specification documents.

**Joining us gives you**

- Influence on the functionality and technical deployment of the interfaces.
- Possibilities to do joint testing, exchange experiences, compare implementations and gain knowledge. And to make sure the systems are interoperable and to prove that it is implemented right.
- Marketing value to your organization as membership proves that your organization believes in open standardized protocols/interfaces, which you can use in your communication.
- A front runner status regarding knowledge and implementation of the open interfaces.

**OCPP Roadmap**

- **OCPP 1.6 Certification Open**
- **TWG Meetings (2-weekly)**
- **CWG Meetings (monthly)**
- **OCA F2F Meeting**

- **OCTT 2.0 Development**
  - **Tuesday Meeting (weekly)**
  - **OCWG Meeting (monthly)**
  - **OCA F2F Meeting**

- **Release OCTT 2.0 Basic**
  - **Tuesday Meeting (weekly)**
  - **OCWG Meeting (monthly)**
  - **OCA F2F Meeting**

- **OCPP 1.6 Certification (Open)**
  - **TWG Meetings (daily)**
  - **CWG Meetings (daily)**
  - **OCA F2F Meeting**

- **OCPP 1.6 Certification (Charging Station)**
  - **TWG Meetings (weekly)**
  - **CWG Meetings (monthly)**

**How we work**

- **Technical face-to-face meetings, twice a year**
- **OCA congress once a year**

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