

Protocol Implementation Conformance Statement

There are three PICS

1. PICS for OCPP1.6
2. PICS for OCPP1.6 Security
3. PICS for OCPP1.6 Performance

General information about Device Under Test

Vendor name		
Device Under Test	CSMS	
Communication		
OCPP Software version (DUT)		
Support for milliseconds in OCPP messages	Yes	No

Other relevant settings and limits

The table below should contain all relevant limits and non-OCPP settings that are relevant for the test laboratory and for the correct functioning of the CSMS:

Limit / setting	Value	Value
Relevant values		
Name	Minimum	Maximum
Name	Minimum	Maximum
Name	Minimum	Maximum
Name	Minimum	Maximum
Name	Minimum	Maximum
Name	Minimum	Maximum

1 PICS OCPP 1.6 certificate

The Table below states the mandatory and optional functionalities for certification. When a functionality is supported by the DUT, all applicable use cases must be supported, unless stated otherwise.

Functionalities	OCPP 1.6 Fully supported	Description
Core		Basic Charging Station functionality for booting, authorization (incl. cache if available), configuration, transactions, remote control.
Firmware Management		Support for (remote) firmware update management and diagnostic log file download.
Smart Charging		Support for Smart Charging (all profile types, including stacking), to control charging.
Reservation		Support for reservation of a connector of a Charging Station.
Local Authorization List Management		Features to manage a local list in the charging station containing authorization data for whitelisting users.
Remote Trigger		Support for remotely triggering messages that originate from a Charging Station. This can be used for resending messages or for getting the latest information from the Charging Station.

2 PICS OCPP 1.6 security certificate

Security extension (based on whitepaper, JSON only).

Certificate Profiles

Name	Implemented	Description
Security Profile 1		Unsecured Transport with Basic Authentication Profile 1 is optional
Security Profile 2		TLS (1.2 or higher) with Basic Authentication Security profile 2 or security profile 3 or both must be implemented
Security Profile 3		TLS (1.2 or higher) with Client Side Certificates Security profile 2 or security profile 3 or both must be implemented

3 PICS related to performance for OCPP1.6

Name	Value	Unit	Description
OCPP response timeout		seconds	The timeout used for exchanging OCPP response messages. Messages to the DUT can be handled within this timeout.
Response time Authorize		seconds	The response time for the Authorize message.