

# セキュリティ運用ガイド

## Security Operations Guide

Open Charge Alliance



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オープン・チャージ・アライアンス





European  
Commission

**EU Cyber Resilience Act**



For safer & more secure digital products

#DigitalEU #CyberSecEU

**Network Code on Cybersecurity (NCCS)**



enitpc 2025 EN 1713

**RED III**



**NIS<sup>2</sup>**  
Network & Information Systems Directive



 **MID**  
Measuring Instrument Directive  
2014/32/UE



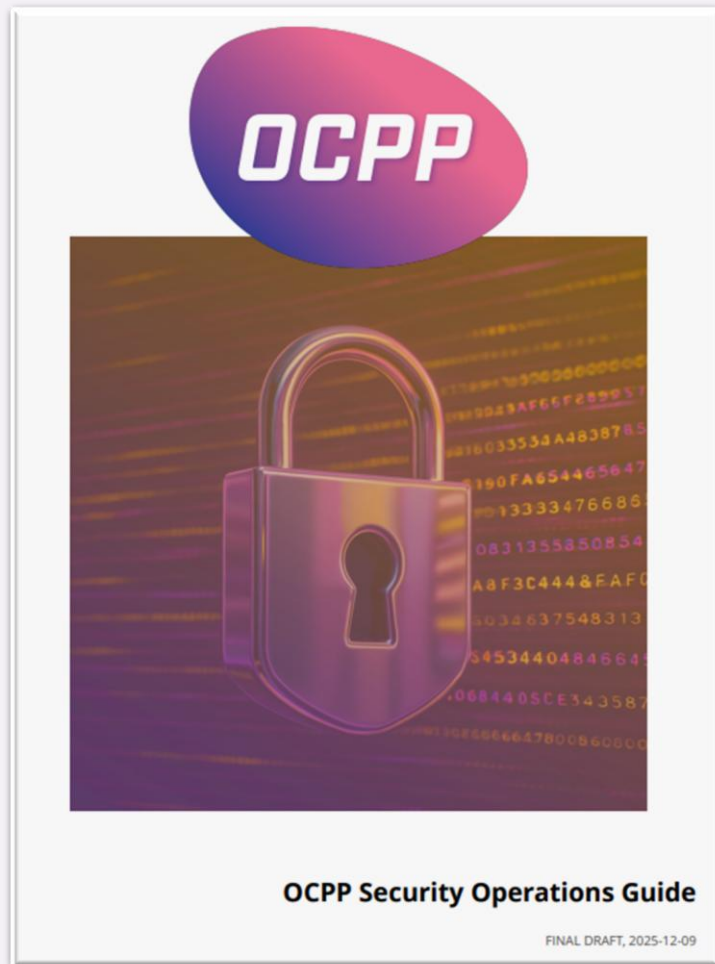


# OCAは、OCPPの先を見据えた「OCPPセキュリティ運用ガイド」を発行しました。

OCA has published a OCPP Security Operations Guide – for OCPP and beyond

59 pages of security requirements for EV Charging infrastructure.  
EV充電インフラ向けセキュリティ要件59ページ

- Regulations vs. security measures (RED, CRA, MID, NIS2, NCCS, ENCS Security Requirements, CMMC, NIST Handbook 44, CCPA).  
規制とセキュリティ対策の比較（RED、CRA、MID、NIS2、NCCS、ENCSセキュリティ要件、CMMC、NIST Handbook 44、CCPA）
- Guidance for both Charging Stations and Charging Stations Management Systems.  
充電ステーションおよび充電ステーション管理システムの双方のガイダンス
- TLS versions and security policies. TLSバージョンとセキュリティポリシー
- Securing other services. その他サービスのセキュリティ確保
- Restricting access to critical operations. 重要業務へのアクセス制限
- TLS policies for OCPP. OCPP向けTLSポリシー
- Overview of security issues found in Charging Station.  
充電ステーションで発見されたセキュリティ課題の概要

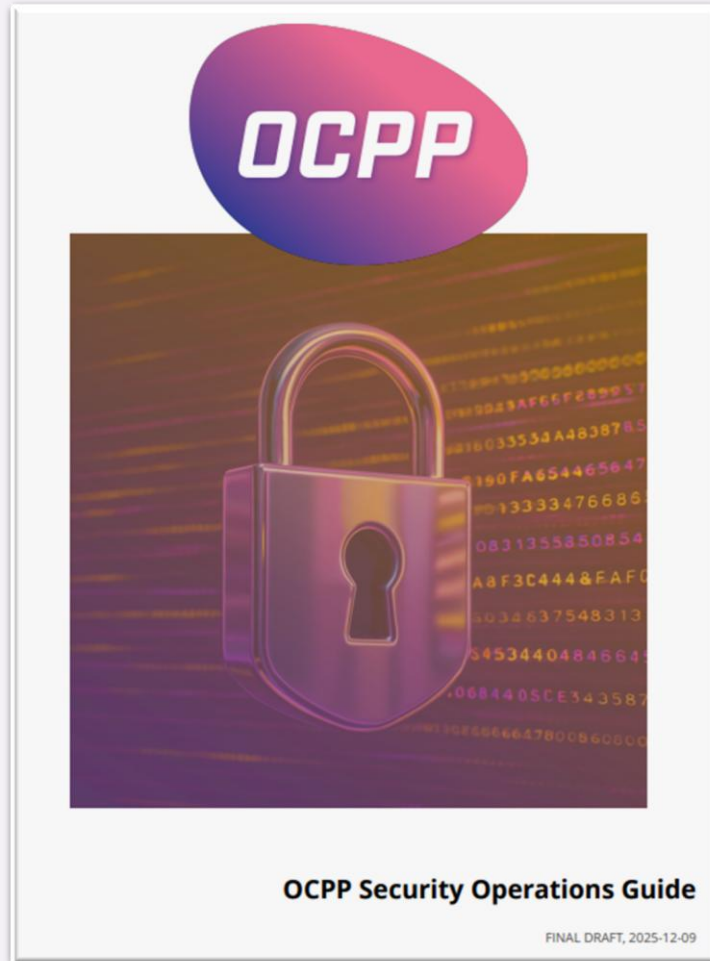


# セキュリティ運用ガイド — 第II版

## Security Operations Guide – Part II

The OCA Security Task Group is working on the second publication:  
OCAセキュリティ・タスクグループは、第2版の発行に取り組んでいます。

- Adding additional Regulations: Japanese JC-Star, Korean Security Regulation, CRA updates.  
追加規制の追加：日本のJC-STAR、韓国のセキュリティ規制、CRAの更新
- Adding Local controller security. ローカルコントローラーのセキュリティの追加
- Adding PKI policies, e.g. CSR validations. PKIポリシーの追加（例：CSR検証）
- Adding Post Quantum Cryptography preparation. ポスト量子暗号への準備を追加
- Additional Technical guidance for Charging Stations Management Systems.  
充電ステーション管理システム向けの追加技術ガイダンス
- Restructuring document to numbered requirements.  
文書を番号付き要件として再構成



# OCPP 認証プログラム：第三者試験機関による試験

OCPP Certification program: tests by independent test labs

## OCPP Certificate



Certificate Holder: Broadband TelCom Power, Inc.  
Certificate Number: OCA.0201.0061.CS  
Product Type: Charging Station  
Product Designation: BTC DC Fast Charger (HPCD-500-05-005)  
OCPP Software Version: BT-2025-1  
Certification Date: December 30, 2025



This certificate attests that the above mentioned product successfully conforms with the reference specification OCPP 2.0.1 (Edition 2024-11). The optional OCPP protocol features that are covered in the Abstract of the Test Report that is part of this certificate.

Test cases have been performed as described in the test report and can be found in this complete test report.

Applied	Performed
Conformance testing according to the test specification referenced by the test report	DEKRA Certification December 26, 2025

The abstract of test report is an integral part of this certificate. The Date specified above. This certificate is only applicable to the product which includes OCPP. The Open Charge Alliance, and laboratories, disclaim liability for any damages or losses incurred by any party resulting from reliance on the results of OCPP certification.

This certificate shall neither be tendered nor accepted by any product which includes OCPP. The Open Charge Alliance, and laboratories, disclaim liability for any damages or losses incurred by any party resulting from reliance on the results of OCPP certification.

For the Open Charge Alliance:  
ONOPH CARON  
Chairman  


Authenticity of this certificate can be verified at [www.openchargealliance.org](https://www.openchargealliance.org)



### Abstract of the Test Report

Test Report OCPP 2.0.1 Certification	
Test laboratory:	DEKRA Certification, Inc
Location:	Sterling, VA
Test Report Reference:	04826RC0.002
Product Designation:	BTC DC Fast Charger (HPCD-500-05-005)
Vendor name:	Broadband TelCom Power, Inc.
Device Under Test:	Charging Station
OCPP Software Version	BT-2025-1

### Test Result Summary for the Certified Functionalities

Certification Profile	Test Result	Description
Core	Pass	Basic Charging Station functionality for booting, authorization, configuration, transactions, remote control, including basic security.
Advanced Security	Pass	Support for TLS with client authentication.
Local Authorization List Management	Not Tested	Support for local authorization list management and optionally of an authorization cache.
Smart Charging	Not Tested	Support for Smart Charging, to control charging.
Advanced Device Management	Not Tested	Support for the OCPP Device Model and advanced logging and monitoring.
Reservation	Not Tested	Support for reservation of a connector of a Charging Station.
Advanced User Interface	Not Tested	Support for tariff & cost and DisplayMessage functionality.
ISO 15118 Support	Not Tested	Support for ISO 15118 Smart Charging and Plug and Charge authorization.



Authenticity of this certificate can be verified at [www.openchargealliance.org](https://www.openchargealliance.org)



VULNERABILITIES

## NVD Vulnerability Search

Identifier	CISA Key Info	Published Date	CNA	Description
<a href="#">CVE-2026-26288</a>	✖	2026-03-06	ICS-CERT	WebSocket endpoints lack proper authentication mechanisms, enabling attackers to perform unauthorized station impersonation and manipulate data sent to the backend. An unauthenticated attacker can connect to the OCPP WebSocket endpoint using a known or discovered charging station identifier, then is...
<a href="#">CVE-2026-26051</a>	✖	2026-03-06	ICS-CERT	WebSocket endpoints lack proper authentication mechanisms, enabling attackers to perform unauthorized station impersonation and manipulate data sent to the backend. An unauthenticated attacker can connect to the OCPP WebSocket endpoint using a known or discovered charging station identifier, then is...
<a href="#">CVE-2026-</a>	✖	2026-03-06	ICS-CERT	WebSocket endpoints lack proper authentication mechanisms, enabling attackers to perform unauthorized station impersonation and manipulate data sent to the backend. An unauthenticated attacker can connect to the

# Pwn2Own 2017 AUTOMOTIVE



Smart Level 2  
Electric Vehicle Charger  
\$10,000  
Pwn: 4 points  
Features: Mobile apps, Wi-Fi,  
Low Energy (BLE) connections,  
CPP protocol

ChargePoint Home Flex  
Category: Electric Vehicle Charger  
Award: \$10,000  
Pwn: 4 points  
API: 3rd Party  
BLE: 1000  
3rd Party

Autel MaxCharger  
Category: Electric Vehicle Charger  
Award: \$10,000  
Pwn: 4 points  
API: 3rd Party  
BLE: 1000  
3rd Party

ご清聴ありがとうございました。

Thank you for your attention



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