

Application Checklist for Submission

Thank you for working with EVCAN on submitting your CSMS system for inclusion on the Qualified Products List (QPL). Please use this checklist to gather all documents you need to complete the application.

General Requirements

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	Warranty/ Service agreement	Warranty or a maintenance and service agreement of <u>at least three years</u> that covers its own networking hardware, software, and cloud services. Note that hardware does not extend to third-party EVSEs, unless the CSMS vendor includes specific hardware as part of their solution	
<input type="checkbox"/>	Case Study OR Customer Contact	a. A published case study of at least one successful installation at a third-party site in US/Canada (not owned by applicant or its agents) OR b. Contact information for a third-party field installation reference in US/Canada (not a sales partner, reseller, or affiliate)	EVCAN wishes to confirm with an unbiased third party that the system has the required capabilities and is operating successfully in at least one actual field installation. EVCAN will not share this contact with any other parties.
<input type="checkbox"/>	Product Logo Image	Product logo gets published on the QPL. <ul style="list-style-type: none"> ● Product logo gets published on the QPL. ● The image file must be in TIFF, GIF, PNG, or JPG format. ● The image must be square, at least 500×500 pixels, with a minimum resolution of 72 ppi. The logo should occupy at least 85% of the frame and have a white or transparent background. 	

Communication Protocol Certification

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	OCPP Certification / Compliance	a. Certification for v1.6 Full or v2.0.1 Core listed in OCA website OR b. v2.0.1 Compliance. Refer to Notes for method of evaluation for compliance.	OCPP v2.0.1 Compliance is verified using either A or B below a. Detailed public statement: A publicly accessible URL lists OCPP v2.0.1 compliant EV charger manufacturer(s) and model(s) with which the CSMS platform has demonstrated interoperability. The URL must clearly indicate support of all the v2.0.1 Core profile functionalities, which include Basic Charging Station functionality for booting, authorization (including cache if available), configuration, transactions, remote control, and basic security, as defined by the Open Charge Alliance here . OR b. Brief public statement plus attestation: <ul style="list-style-type: none"> ○ The provider's publicly accessible website claims OCPP v2.0.1 compliance (without all the details supporting method A), and ○ CSMS provider submits formal attestation (template here) specifying OCPP v2.0.1 compliance and applicable functional profiles
<input type="checkbox"/>	DERMS / DRMS Certification	OpenADR v2.0b/v3.0 or IEEE 2030.5 certification	Certificate by the OpenADR Alliance, (or) SunSpec IEEE 2030.5 CSIP certification tested through a SunSpec Authorized test lab
<input type="checkbox"/>	EVSE Interoperability	Product manuals or guides showing interoperability with at least three different OCPP certified EVSE manufacturers	

Cybersecurity Certification

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	Process Compliance	Valid cybersecurity certification of any one of the standards in Notes.	<ul style="list-style-type: none"> ● ANSI/UL 2900-1 ● ANSI/ISA/IEC 62443-4-1 ● CSA/ANSI T200 ● SOC 2 ● ISO27001
<input type="checkbox"/>	Cloud Services Compliance	Valid cybersecurity certification of any one of the standards in Notes. This is required only for cloud-based CSMS	<ul style="list-style-type: none"> ● SOC 2 ● ISO 27017 ● FedRAMP ● CSA STAR
<input type="checkbox"/>	Payment Services Compliance	PCI DSS certification or attestation if no access to cardholder data	Required if CSMS collects, stores, or transmits any payment data

Monitoring and Control

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	EVSE Status Monitoring	Product manuals or guides showing user interface, GUI screenshots	<p>Must include monitoring and visualization for each EVSE:</p> <ul style="list-style-type: none"> ● EVSE Status ● Connector Status ● EVSE Network Status (Online/Offline)
<input type="checkbox"/>	EVSE Measurement Monitoring	Product manuals or guides showing user interface, GUI screenshots	<p>Must include monitoring and visualization of each EVSE:</p> <ul style="list-style-type: none"> ● Current Imported/Exported ● Active Energy Imported/Exported ● Active Power Imported/Exported ● Power Factor or Reactive Power Imported/Exported ● State of Charge (SoC) ● Voltage ● Current Offered or Power Offered

Energy Management

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	Demand Response	Product manuals or guides with feature description and setup instructions	The capability to reduce or shift charging loads in response to an external signal from an entity such as a grid operator, aggregator, or controller (e.g., EMS/MGC/BMS).
<input type="checkbox"/>	Dynamic Load Management	Product manuals or guides with feature description and setup instructions	The capability to dynamically allocate and adjust the distribution of electrical power among multiple EVSE units in real-time for optimal use of available power, charging prioritization, preventing grid overload, or balancing charging demands with grid constraints.

Data Analytics and Reporting

<input checked="" type="checkbox"/>	Requirement	Documentation Needed	Notes
<input type="checkbox"/>	API Data Example	Customer Available Information or GUI screenshots or video recording demonstrating API support	Demonstrate how third parties are permitted to access historical data through API.
<input type="checkbox"/>	CSV Data Example	CSV file with data example	Demonstrate how third parties are permitted to access historical data through CSV.