



EV CHARGING SOLUTION

EV Charging Infrastructure Management System

Features

- Integrate charging and energy management in a single platform
- Load management and demand management prevent penalties
- Real-time monitoring maximizes charger up time
- Charging session records facilitate operation & management



Residential Workplace Mall Government Fleet



A Smarter EV Charging Management System

Delta's EV Charging Infrastructure Management System is a web-based intuitive system for medium-scale charging station in building and other facilities where 20 to 50 sets of EV chargers are installed. It is designed to facilitate EV charging operations management, including support for multi-site charging networks. The system's smart energy management features are specifically designed to optimize site energy usage.



Product Highlights



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Systematic Charging Operation

 - Dashboard
 - Charging session records
 - User authentication
 - Remote charger maintenance
 - Charging station management
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Complete Interoperability

 - OCPP chargers and upper-level systems
 - 3rd-party applications
 - Peripheral devices
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Advanced Energy Management

 - Demand management
 - Smart grid applications
 - Renewables and energy infrastructure management
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High Performance

Accelerates charging station management and service operations
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High Availability

Charger remote control and firmware upgradability maximizes charger uptimes.
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Smart Grid and Demand Management

Helps protect the power grid and avoid demand penalties
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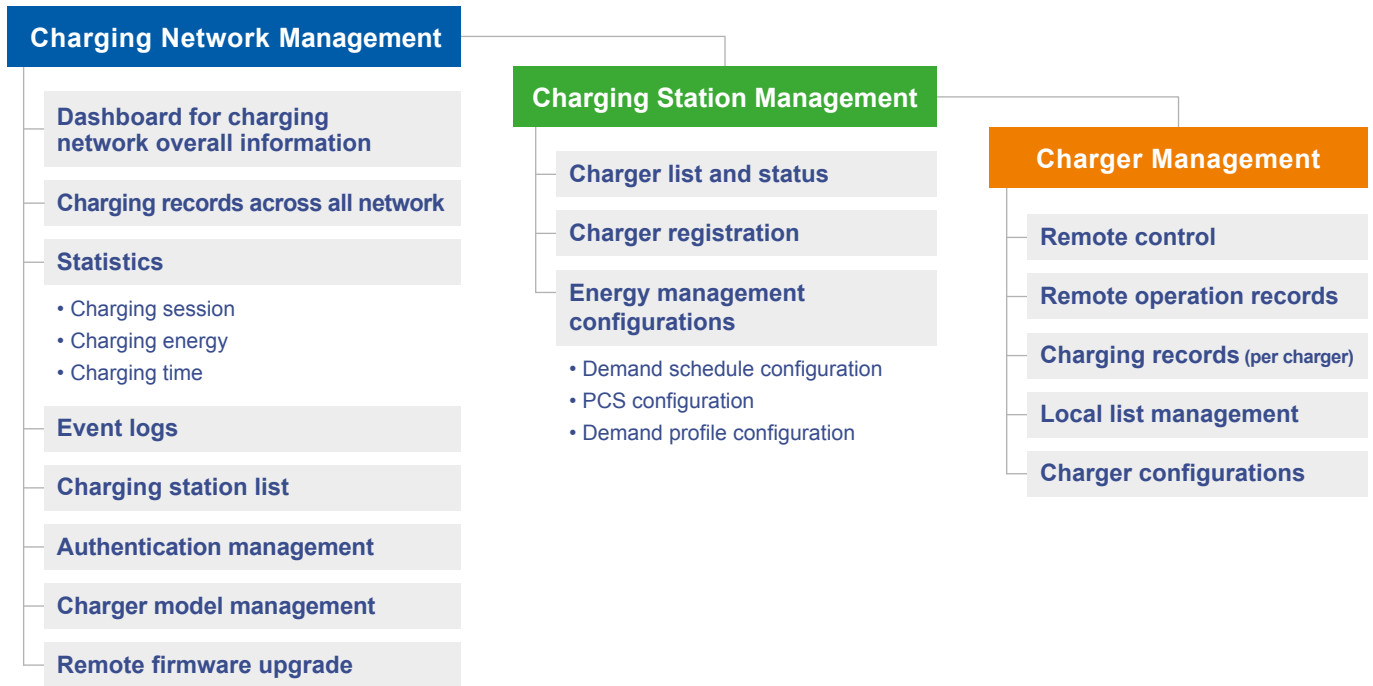
Integrated Energy Infrastructure Management System

Manage and allocate energy storage, renewables, and charger via a single platform
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Web-based / Server Software

Easy to access at any time and from anywhere, while minimizing IT infrastructure effort.

Function Highlight



Specifications

Model Name	SMS OCPP
Charger Management	
Real-Time Charge Management	Charger status, output current and power consumption Charging station location
Charger Architecture	<ol style="list-style-type: none"> Charger registration Remote start / stop for charging transactions Charger firmware remote upgrade
Charging Station Management	
Operation Management	<ol style="list-style-type: none"> Event logging Charge records and reporting Role and permission management
Application Scale	Single-site and large-scale EV charger installations
Multiple Charging Sites	Yes
Charging Fees	Based on energy consumption or charge duration
User Authentication	User authentication and grouping
Card Management	RFID
Event Notifications	Send via email
Energy Management	
Customizes Functions (Additional Cost)	<ol style="list-style-type: none"> Integrate Delta's Power Conditional System, PV inverters, and 3rd-party power meters Energy management per charging site (e.g., TOU, demand response)
General	
Protocol Support	<ol style="list-style-type: none"> OCPP 1.5 Webservice (http, https) OCPP 1.6 WebSocket (ws, wss)
Web Service Interface	Yes
3rd-Party System Integration	Yes
Remote Firmware Upgrade	Yes
Language	English, Chinese, Japanese



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