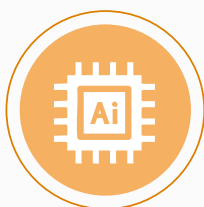


**EV****OPS-103**

Charging Station O&M System

ICP's EV system is designed for Charge Point Operators (CPOs) and eMobility Service Providers (eMSPs), integrating real-time charging station data with predictive maintenance and remote diagnostics. It supports unified payment, invoicing, and reconciliation, along with membership promotions and time-based pricing. Featuring multi-language and multi-site management, as well as strong cybersecurity compliance, the system helps CPOs reduce maintenance costs, enhance efficiency and revenue, and strengthen customer engagement.

3 Key Features



AI Predictive O&M

Uses algorithms to forecast potential failures and schedule maintenance proactively, reducing downtime and maintenance costs while optimizing task planning and fault classification.



Integrated Payment and Tax Compliance

Combines payment and invoicing services with automated transaction reporting to ensure accurate reconciliation and full regulatory compliance.



Promotions and Membership Management

Supports diverse campaigns, including coupons, referral rewards, time-limited, and spending-based offers. Includes built-in point rules, tier upgrades, and benefit tracking by member or vehicle group to boost engagement and retention.

5 Key Functions



Real-Time Monitoring and Alerts

Monitors key charging data, including power, voltage, current, energy, and duration. Instant alerts for abnormal events via email, SMS, or in-app notifications.



Remote Control and Dynamic Pricing

Enables remote start/stop, charging rate control, and firmware/software updates to ensure operation. Supports time-of-use pricing and dynamic adjustments based on competitor rates.



Transaction and Settlement Management

Displays all transactions on one page, with integrated promotion details (type, discount, amount), to auto-generate billing records. Connects with payment gateways for trust accounting and reconciliation to track cash flow.



Membership and Stored-Value Management

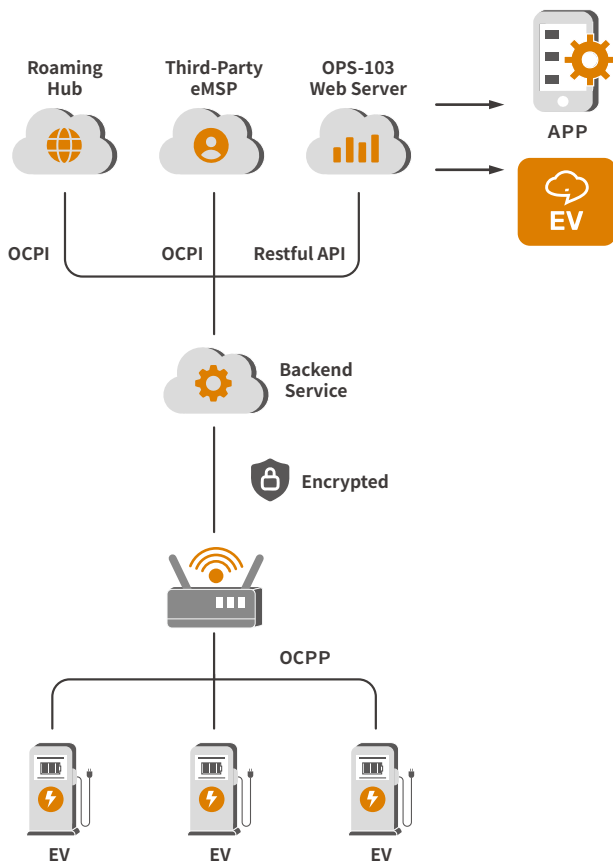
Supports member lists, vehicle binding, and transaction queries, with integrated stored-value cards in cash, points, or kWh. Allows payment order configuration for flexible, multi-method payments.



Data Management and Custom Reports

Provides scalable data storage for performance tracking, anomaly analysis, and financial metrics. Customizable reports let users select dimensions (revenue, charge volume, fault rate) and export them to PDF, Excel, or CSV, turning data into actionable insights.

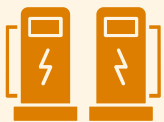
System Architecture



System Interface



Application Fields



Public Charging Networks



Commercial and Retail Complexes



Large Parking Facilities

Success Cases



Charge Point Operators



Shopping Malls



Parking Lot Operators



加雲聯網
Intelligent Cloud Plus

service@icp-si.com

Kaohsiung
Headquarters

Taipei Office

Taichung Office

8F., No. 2, Zhonghua 4th Rd., Lingya Dist., Kaohsiung City
802031, Taiwan (R.O.C.)
TEL: 886-7-222-9669

2F., No. 271, Chongyang Rd., Nangang Dist.,
Taipei City 115010, Taiwan (R.O.C.)
TEL: 886-2-2651-0529

10F.-3, No. 658, Sec. 3, Taiwan Blvd., Xitun Dist., Taichung
City 407604, Taiwan (R.O.C.)
TEL: 886-4-2320-3052



Facebook



Company
Website