

Driving Growth and Performance in the EV Charging Market with iSEC

Client Profile

The client is a leading provider of turn-key solutions for designing, installing, and managing EV charging systems in the US.



iSEC enabled **faster issue detection, real-time performance analytics, and seamless remote management, enhancing the overall user experience.**

CHALLENGES

The client faced operational challenges in monitoring remote charging stations.

- Lack of real-time monitoring led to delays in detecting and diagnosing errors at remote EV charging stations
- Limited charger capacity and inability to monitor station performance hindered operational efficiency
- Inadequate billing systems and tracking mechanisms resulted in financial discrepancies and operational risks

SOLUTIONS

ITHENA implemented iSEC, a smart EV charging platform, to enhance the service experience for its end customers.

1

One-stop Solution

Launched iSEC, a Charging Station Management System (CSMS) in both web and app formats, within 4 weeks, with end-to-end customer support

2

Remote Monitoring

Installed specific 7.4 kW chargers on vans and UTVs (utility terrain vehicles) enabling modern mobile charging

3

Diverse Charging Options

Offered a wide range of EV chargers like 7.4 kW, 60 kW, 120 kW, & 400 kW, able to charge up to ten vehicles at once with a single Level 2 AC charger

4

Performance Monitoring

Provided real-time monitoring with actionable insights and remote management to reduce downtime, address performance issues, and ensure a consistent user experience

5

AI-Based Features

Supplied EV chargers with modern features like fast charging, and secure digital payment gateways for real-time revenue optimization

BENEFITS

1K+

Rapid deployment of EV chargers

90%

Faster Charging Insights

500k

EV Users Expanded



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