



Solutions for Sustainable Growth

**REVOLUTIONISING
EV CHARGING
WITH INDIGENOUS
INNOVATIONS**



ABOUT PIOT

Piot Solutions Pvt. Ltd. is a Hyderabad, India based technology company focused on developing innovative and reliable Electric Vehicle (EV) charging and energy management solutions. With a strong foundation in electronics, embedded systems, and IoT, Piot Solutions is driving the future of sustainable mobility through cutting-edge products and services.

PIOT'S JOURNEY OF PRODUCT DEVELOPMENT



PIOT'S STRENGTHS

- 1. Unique advantage** of in-house expertise across all 3 aspects of product configurations
- a) hardware, b) device intelligence, and c) product architecture design.
- 2. Strong capabilities** across all stages of product development.
- 3. BMS and CMS platforms** give PIOT distinct advantages in capturing new business.
- 4. Highly customizable and innovative technology** designed to address on-the-ground realities such as dynamic load management and mobile public charging points.

NICHE SOLUTIONS



1

Power Line Communication (PLC)

Data transmission over existing electrical wiring.

2

LoRa Integration with CMS

Long-range, low-power wireless connectivity.

3

Portable Charger with Communication

Enables remote diagnostics, usage history, and OTA updates, adding tremendous flexibility.

4

Auto-charge in AC Chargers

Vehicle auto-detection and automatic charging initiation enhance user convenience.

5

Smart Sockets 7.4kW

Supports higher-capacity EVs with highly advanced features.

6

Predictive Maintenance via AI + CMS

An AI-driven analytics engine that proactively reduces downtime and total cost of ownership (TCO).

CHARGERS PORTFOLIO

PORTABLE CHARGERS



22 KW HYBRID CHARGERS

Hybrid 2

Hybrid 1

Hybrid 3

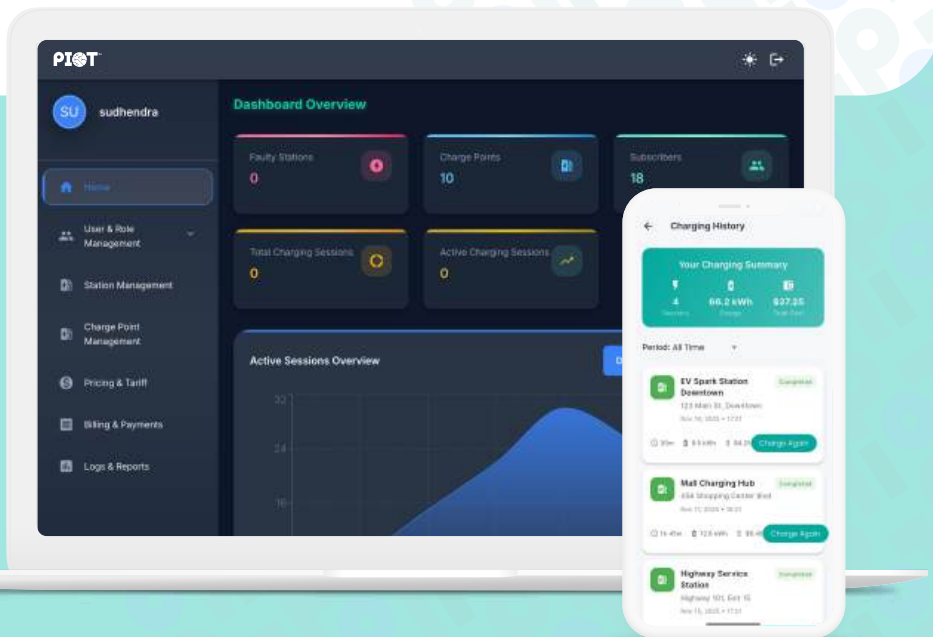


PIOT CMS

The PIOT Charger Management System (PIOT-CMS) is a platform designed to efficiently monitor, control, and manage EV charging stations. It supports public users (EV drivers), station operators, and system administrators. The system is built to comply with **OCPP (Open Charge Point Protocol)** to ensure interoperability between different charging hardware.

Features

1. 🚗 **CHARGING MANAGEMENT:** Register and onboard new stations, group stations by location, region, or owner, view real time status such as available, charging, or faulted, access remote diagnostics and controls like start, stop, or reset, and deploy firmware updates and configuration changes.
2. 🗑️ **ROLE BASED ACCESS:** Define access levels for administrators, operators, and users, ensuring each role has the appropriate permissions within the system.
3. 👤 **USER MANAGEMENT:** Handle authentication through email, phone, or SSO, manage roles and permissions for different user types, and review detailed user activity logs.
4. 💳 **PAYMENTS & BILLING:** Support credit and debit cards, wallets, and UPI, offer pay per use and subscription models, generate invoices and receipts, and integrate with payment gateways.
5. 📱 **MOBILE & WEB INTERFACE:** Provide a map based interface for users to find stations, offer a responsive web dashboard for administrators and operators, and send push notifications for session events and promotions.







NEXT IN LINE


Expanding footprint to DC segment

 LEVDC series

 DC Chargers

 CMS

For business queries, contact us.

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