

## ● TITANFLUX

# Deploy, monitor, manage and monetise.

Run an EV charging network from a single console. Built on open standards — OCPP and OCPI — TitanFlux works across charger brands and scales from one site to a large multi-site network.

### OCPP 1.6J & 2.0.1

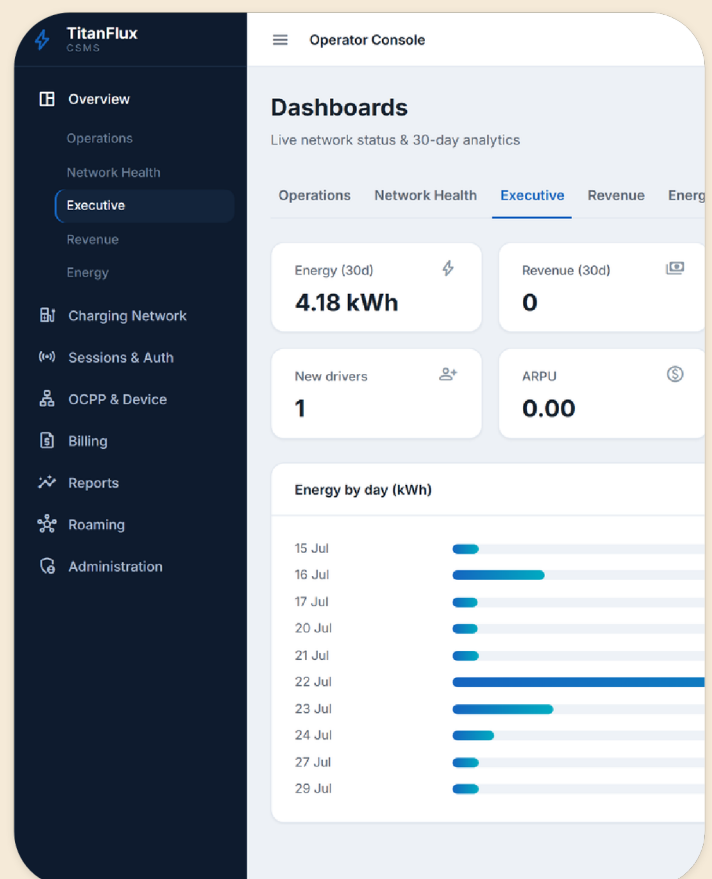
Any OCPP charger, any brand — no hardware lock-in

### Console and app

Web console for operators, Android and iOS for drivers

### Roaming over OCPI

Charge beyond your own estate, settlement included



## 01

# Core capabilities

FROM COMMISSIONING TO SETTLEMENT

## Charging network management

Register, approve and configure chargers of any brand; live connector status, remote start/stop and reset.

## Real-time monitoring

Live network dashboard, interactive map and station views — status, sessions and alerts pushed instantly.

## Fault & alert management

Automatic detection with severity levels, guided handling, self-recovering vs. service-required flags.

## Sessions & transactions

Authorise, start, monitor and stop, with live meter values and auditable CDRs.

## Access & authorisation

RFID tap-to-start, remote start from the app, and local auth lists that keep working through outages.

## Smart charging

Site-level load limits, per-session profiles and current limiting, with reduced-capability states shown clearly.

## Reservations

Drivers reserve a connector ahead of arrival, with managed reservation and expiry handling.

## Tariffs, billing & payments

Flexible tariffs with price preview, automatic CDRs, driver wallets and business invoicing.

## Driver mobile app

Android and iOS — find chargers with live availability, start, stop, reserve, pay and manage a wallet.

## Firmware & device management

Signed OTA campaigns, session-aware updates that never cut a driver off, remote diagnostics and logs.

## Commissioning & onboarding

Guided setup for WiFi, 4G/SIM or Ethernet — register a charger, point it at the platform, it comes online.

## Roaming (OCPI)

Exchange locations, authorisation and settlement data so drivers can charge beyond your own estate.

## Reporting & analytics

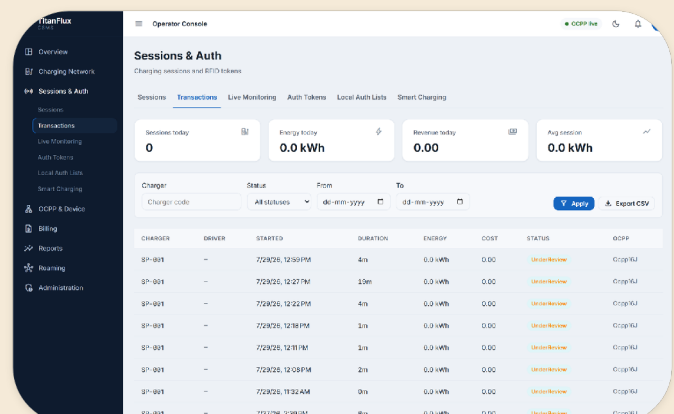
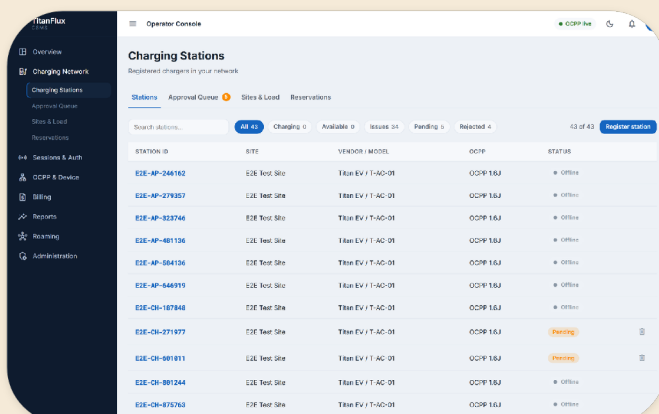
Usage, energy, uptime and revenue reporting with exports, plus executive dashboards.

## Multi-tenancy & administration

Separate operators on one platform, role-based access, MFA sign-in and a full audit trail.

## Security & compliance

TLS and mutual-TLS, certificate and PKI management, signed OTA firmware.



# 02

## Who it's for

ANYONE RUNNING CHARGE POINTS

### Charge Point Operators

Public and semi-public charging networks at any scale.

### Fleet & Depot Operators

Depot charging for own vehicles, with usage and cost visibility.

### Business & Workplace

Malls, offices and hotels offering charging to customers or staff.

### Property & Site Owners

Charging deployed and operated as a revenue-earning service.

# 03

## Technical specifications

STANDARDS-BASED BY DESIGN

### PROTOCOLS

|                       |                                           |
|-----------------------|-------------------------------------------|
| Charger protocol      | OCPP 1.6J and 2.0.1 (JSON over WebSocket) |
| Roaming protocol      | OCPI                                      |
| Charger compatibility | Any OCPP-compliant charger — multi-vendor |
| Standards alignment   | Aligned with IEC 61851 / IS 17017         |

### PLATFORM

|                 |                                            |
|-----------------|--------------------------------------------|
| Architecture    | Cloud-based, multi-tenant                  |
| Access control  | Role-based, fine-grained permissions       |
| Real-time       | Live push for status, sessions and alerts  |
| Energy metering | Metrology-grade as billing source of truth |

### CLIENTS

|                  |                                                 |
|------------------|-------------------------------------------------|
| Operator console | Browser-based, light and dark themes            |
| Driver app       | Native Android and iOS                          |
| Connectivity     | WiFi, 4G/cellular (SIM), Ethernet with failover |

### SECURITY & RESILIENCE

|                   |                                              |
|-------------------|----------------------------------------------|
| Transport         | TLS / mutual-TLS                             |
| Certificates      | Certificate and PKI management               |
| Firmware          | Signed OTA campaigns                         |
| Offline operation | Sessions continue and reconcile on reconnect |

STANDARDS

**OCPP 1.6J & 2.0.1 · OCPI · IEC 61851 / IS 17017 aligned**

contact@techovn.com  
Gurugram, Haryana, India