

● TECHOVN APP

Configure. Monitor. Report from your phone.

The universal companion for every Titan meter — commission communication and protocols, view live diagnostics remotely, and generate professional energy audit reports on site.

Universal setup

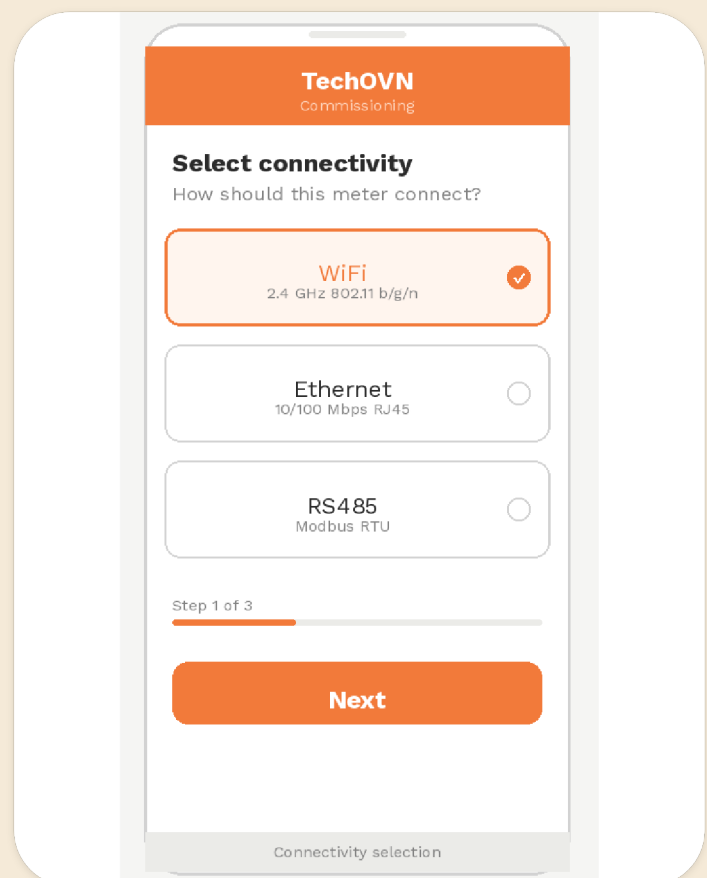
WiFi, Ethernet, RS485, MQTT or Modbus
from one interface

Live diagnostics

Per-phase V, I, P, PF and harmonics
streamed to your phone

Instant reports

Branded, client-ready PDF energy audits
generated on site



01

What it does

ONE INTERFACE, EVERY TITAN METER

The Tech OVN App connects to any Titan meter over WiFi and gives field engineers, commissioning teams and energy auditors everything they need in one place — no laptop, no serial console.

Configure the meter's whole communication stack from guided screens, verify the installation without opening the panel, and hand the client a report before you leave site.

Commission any protocol

Select WiFi for the Energy Intelligence Platform, or set up Ethernet, RS485, MQTT or Modbus RTU/TCP for a third-party BMS, SCADA or gateway. Baud rate, slave ID, IP address, topic paths and register maps all through guided screens.

Monitor live, remotely

Per-phase voltage, current, active/reactive/apparent power, PF, frequency, kWh, kVARh, THD and the harmonic spectrum streamed to the phone — verify CT polarity and phase sequence without opening the panel.

Generate audit reports

For a fixed-period audit the app produces a full PDF: consumption summary, load profile with peak demand, power factor trend and penalty estimate, TOU breakdown and phase balance analysis.

No cloud required

Audit reports are generated locally on the phone from meter data. The data stays on the meter and no subscription is needed to hand over the report.

02

Built for Titan Audit

Clamp and go

Split-core CTs around the conductors, meter on the DIN rail, no disconnection.

Report on site

Generate the branded PDF after days, weeks or months — from the phone.

Connect over WiFi

Open the app, pair with the meter, and logging begins immediately.

Move on

Remove the meter and redeploy at the next site, or leave it monitoring.

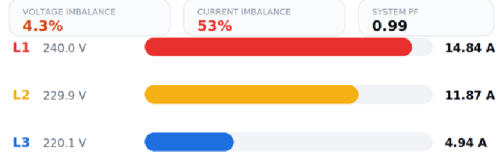
03 Protocols and features

TECH OVN APP · IOS AND ANDROID

Phase Balance & Efficiency

per-phase voltage & current spread

IMBALANCE FLAG



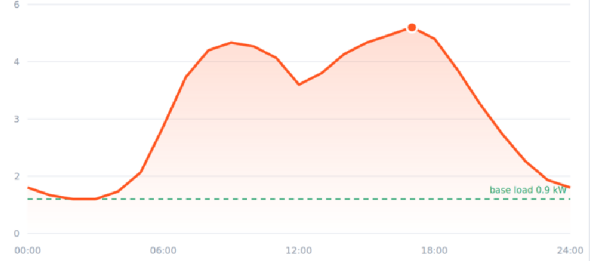
L3 carrying 3x less current than L1 — rebalance loads to cut neutral loss & heating.

Live phase balance — imbalance flagged before it costs neutral loss and heating

Load Profile

24-hour demand · kW · today

PEAK 5.4 kW @ 16:00



24-hour load profile with peak demand and base load, read straight from the meter

CONNECTIVITY

Link to meter	WiFi 2.4 GHz, 802.11 b/g/n
Configurable protocols	WiFi, Ethernet, RS485, MQTT, Modbus RTU/TCP
Platform	iOS and Android
Compatible meters	All Titan variants — Base, Audit, PQ, Plus BTU, Asset, Compliance, EV

LIVE DIAGNOSTICS

Parameters	V, I, P, Q, S, PF, f, kWh, kVARh, kVAh, THD
Harmonics	Up to 31st harmonic, per phase
Verification	CT polarity, phase sequence, phase balance

AUDIT REPORT

Contents	Consumption summary, load profile, peak demand
Analysis	PF trend, TOU breakdown, phase balance
Format	Branded, client-ready PDF
Generated	Locally on the phone — no subscription

COMMISSIONING

Setup	Guided screens per protocol
Parameters	Baud rate, slave ID, IP, topic paths, register maps
Platform choice	Energy Intelligence Platform or third-party BMS / SCADA

DOWNLOAD

Available on the App Store and Google Play

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