tec.ems

tec.nicum

tec.nicum digitalisation
Energize your operations with IIoT-powered EMS

tec.ems
Digital solution for energy optimization

tec.ems is a modular solution designed for comprehensive monitoring and control of power consumption in facilities. It features a plug-and-play module for easy deployment and energy meter mapping via front-end configuration.

The system delivers detailed consumption reports to support efficiency strategies. Self-powered components maintain web server communication during outages. Preconfigured alerts for parameter deviations enable proactive asset monitoring through tec.ems.

As organizations shift toward sustainable, regulation-driven growth (e.g., energy audits, ISO 50001, Industry 4.0), maintaining relevance is crucial.

ISO 50001 defines requirements for an EMS that improves energy performance, reduces costs and emissions, and ensures regulatory compliance.

To address these needs, we've developed a method to measure, analyze, qualify, reduce, and verify energy use – delivering up to 30% savings in energy and maintenance costs.

Our solution includes energy consulting, free software updates with new features, training, analytics, report generation, centralized / multi-user / multi-level access, real-time web / mobile access, customizable alerts, KPIs, benchmarking, and target setting.

Electrical Load — Electrical Panel — Meters

Parameters

tec.ems

Gateway — Platform — Application & Analytics

Services: SIM Management, Helpdesk, Integration

tec.nicum
Schmersal Group

+91 2138 614700

www.tecnicum.com
tecems@tecnicum.com