



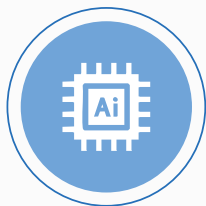
Facility

EMS-101

Energy Management System

ICP's Facility is a smart energy management system for factories, hospitals, and commercial buildings. It optimizes contract capacity, cuts electricity costs, and provides real-time insights into energy use and anomalies. With AI forecasting, ISO 50001 compliance, and carbon accounting software integration, it helps enterprises boost efficiency and meet ESG goals.

3 Key Features



AI Clouda

Delivers real-time factory insights, smart advices, guided system navigation, and built-in power expertise.



Energy Trend Analysis

Reviews historical consumption patterns to forecast future loads, helping enterprises adjust contract capacity and improve energy efficiency.



ESG Reporting

Provides ISO 50001 aligned energy data to support required disclosures in corporate ESG reports.

5 Key Functions



Real-Time Power Monitoring

Tracks site-wide electricity use with automatic alerts for abnormal loads and quick detection of problem areas.



ISO 50001 Energy Audit

Provides ISO 50001 aligned energy data to support the required disclosures in ESG reports.



Multi-Site Management

Enables centralized management and real-time monitoring across sites and countries, empowering group-level energy strategy planning



Electricity Tariff Simulation

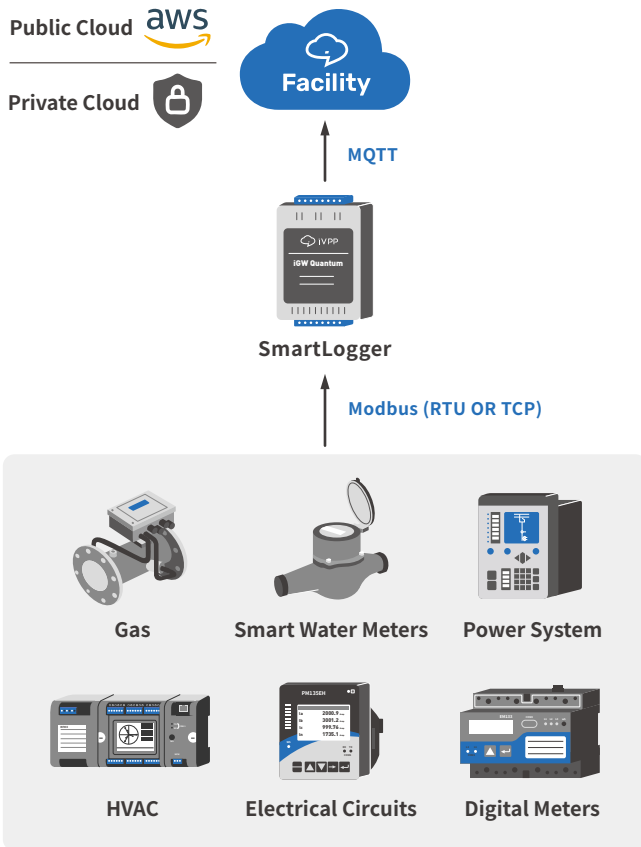
Simulates time-of-use tariffs and adapts to different countries' pricing to forecast and control costs.



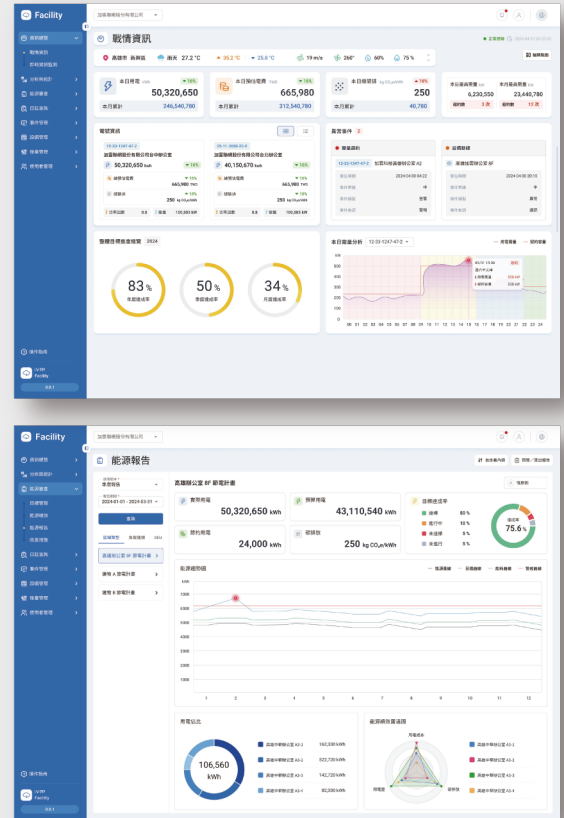
Flexible Cloud Deployment

Deployable on the cloud to reduce on-site setup costs and maintenance manpower.

System Architecture



System Interface



Application Fields



CBAM

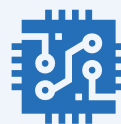


Large Consumers



Multinational
Enterprises/Factories

Success Cases



Electronic/
Semiconductor
Industry



Metal
Industry



Chemical
Industry



Food
Industry



Textile
Industry



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