



EMS

Smart Energy Management

No More Overage Penalties • Smart Energy Savings

Complete Solution from Real-time Monitoring
to Auto-optimization



Z-COM EMS System
See • Predict • Act

- ✓ Real-time Power & Environment Monitoring
- ✓ Overage Alerts • Anomaly Detection • Prevention
- ✓ One-click Optimal Contract Auto Energy Saving
- ✓ AI Smart Assistant for instant energy answers and insightful analysis



**Proprietary
Core Technology**

Customized One-Stop IoT Platform
Integrated Hardware & Software to Upgrade
Energy Management



**Flexible Modular
Architecture**

Freely Configurable and Scalable Modules
Tailor-Made Intelligent System Solutions



**Carbon Emissions
Database Development**

Comprehensive Cross-Site Monitoring
Precision Data-Driven Strategies for
High-Efficiency Energy Optimization

EMS Smart Energy Management System Redefining The Standard Of Smart Monitoring

In the age of IoT, single-point monitoring is no longer enough to meet complex challenges. Our solution goes beyond tradition — deeply integrating AIoT into infrastructure to provide not just the ability to “see,” but to “predict” and “act,” helping enterprises achieve digital transformation and net-zero goals.



Flexible Modular Options

Customized Energy Management Solutions



Subscription
Services



Operations &
Maintenance Services



Energy
Consulting

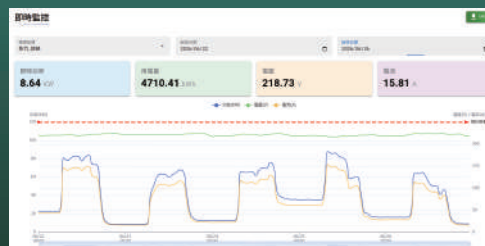


Flexible Leasing
Options

01

Real-Time Monitoring

Track electricity consumption by date and time period for quick access to real-time data and usage trends.



02

Energy Consumption Analysis

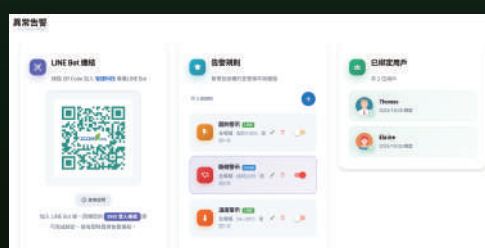
Energy Consumption Analysis
Visualize the energy consumption share of each device to better understand energy usage patterns.



03

Abnormal Energy Use Alerts

Review alert history and connect with LINE Bot to receive instant mobile notifications when abnormal energy use is detected.



04

Energy-Saving Performance Analysis

Compare energy-saving targets, achieved results, and performance against the same period last year.



Overage Alert

Real-time Capacity Monitoring to Avoid Penalties

05

One-Click Report Generation

Integrate electricity trends, cost analysis, and carbon emissions data, then export reports with one click.



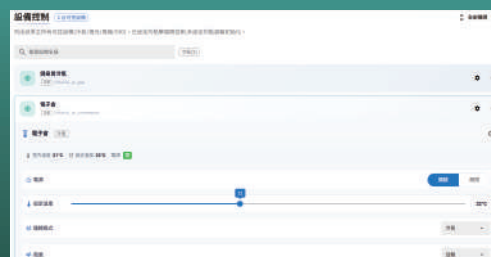
Optimal Contract Capacity Calculator

Calculate the Best Contract Combination

06

Remote Equipment Control

Control equipment remotely through the platform for more convenient and efficient management.



Anomaly Alert

Early Warning to Reduce Downtime Loss

07

AI Smart Assistant

Get instant AI-powered answers and quickly access system information and energy data.



Visual Reports

Clear Energy View
•
Easy ESG Reporting

08

Contracted Capacity Optimization

Calculate optimal contracted capacity based on time-of-use rates and receive recommendations for capacity adjustments.



Call to Action

Free Site Assessment
•
Scan to Book



Basic Monitoring Module

Data Transparency

Quickly Gain Full Visibility of Energy Consumption

Rapid Deployment • Immediate Results
Data Transparency • Energy Efficiency Upgrade

- ✓ **Real-Time Power Monitoring** Quickly Gain Visibility into Electricity Usage
Build a Solid Foundation for Energy Management
- ✓ **Environmental Temperature &** Optimize Energy Balance
Achieve Optimal Energy Control
- ✓ **Air Quality Monitoring** Track Environmental Conditions Support Green Building Certification Goals
- ✓ **Contract Capacity Alert** Real-Time Over-Contract Notifications Avoid Penalty Charges
- ✓ **Abnormal Alert Notifications** Instant Anomaly Reporting Enhance Energy Management Efficiency
- ✓ **Automated Reporting** One-Click Generation of Energy & Carbon Emission Reports
- ✓ **Customized Monitoring** Flexible, Multi-Scenario Monitoring Solutions
- ✓ **Compatibility & Scalability** Supports Multi-Brand Smart Meters, Sensors, and Communication Protocols



Advanced Energy Optimization Module

Deep Energy Optimization

Data-Driven Insights to Identify Improvement Opportunities

Evolve from “Monitoring” to “Diagnostics”
Effectively Reduce Electricity Costs • Accurately Implement Carbon Accounting

- ✓ **Energy Overview Dashboard** Customized Site Map for At-a-Glance Visibility Real-Time Display of Building EUI, Power Usage, and Energy Distribution
- ✓ **Equipment Energy Monitoring** Instant Detection of Abnormal Energy Consumption Improve Carbon Footprint
- ✓ **Energy Hotspot Analysis** Big Data Benchmarking to Identify Optimal Efficiency Opportunities
- ✓ **Cost Optimization Module** Contract Capacity × Tariff Strategy Build the Most Cost-Effective Energy Portfolio
- ✓ **IPCAM Smart Surveillance** Video-Assisted Analytics Upgrade Energy Control and Management
- ✓ **Multi-Site Management** Cross-Regional Energy Consumption Analysis Enable Comprehensive Energy Governance



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