



# EMS

## Smart Energy Management

No More Overage Penalties • Smart Energy Savings

Complete Solution from Real-time Monitoring  
to Auto-optimization



✓ Real-time Power & Environment Monitoring

✓ Overage Alerts • Anomaly Detection • Prevention

✓ One-click Optimal Contract Auto Energy Saving

Z-COM EMS System  
See • Predict • Act



# 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.



## Overage Alert

Real-time Capacity  
Monitoring to Avoid  
Penalties



## Anomaly Alert

Early Warning  
to Reduce Downtime  
Loss



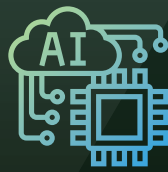
## Technology

Powered by zMEC Edge  
Computing • AIoT •  
Industrial Security



## Optimal Contract Capacity Calculator

Calculate the Best  
Contract Combination



## Visual Reports

Clear Energy View  
Easy ESG Reporting



## 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

# Flexible Modular Options

Customized Energy Management Solutions



Subscription  
Services



Operations &  
Maintenance Services



Energy  
Consulting



Flexible Leasing  
Options



## Proprietary Core Technology

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



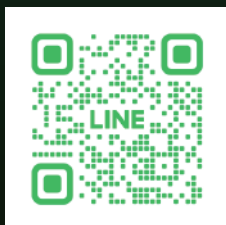
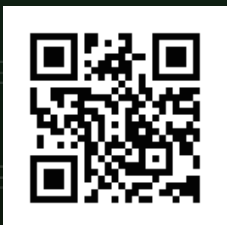
## Flexible Modular Architecture

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



+886-3-5777364



[www.zcom.com.tw](http://www.zcom.com.tw)



[z-com@zcom.com.tw](mailto:z-com@zcom.com.tw)



5F, No. 8, Hsin-Ann Road,  
Hsinchu Science Park, Hsinchu