Integrated Real-time
EMS Platform

Vecow VHub Energy Management Solution Service provides a smart power management platform by one-stop solution. VHub EMS delivers real-time power consumption analysis to monitor operating status, alert trouble issues and even predict maintenance schedule.

VHUB SMART SOLUTIONS

EMS

V'Hub
EMS SERVICE

Feature Highlights

Easy Installation
- Wireless Clamp Sensor
- Non-Stop Operation

GUI Management
- Versatile Charts & Reports
- Real-time Analyzer

Alert Monitoring
- Multiple Menu Setting
- APP Notification

Integrated Platform
- Multiple Remote Devices
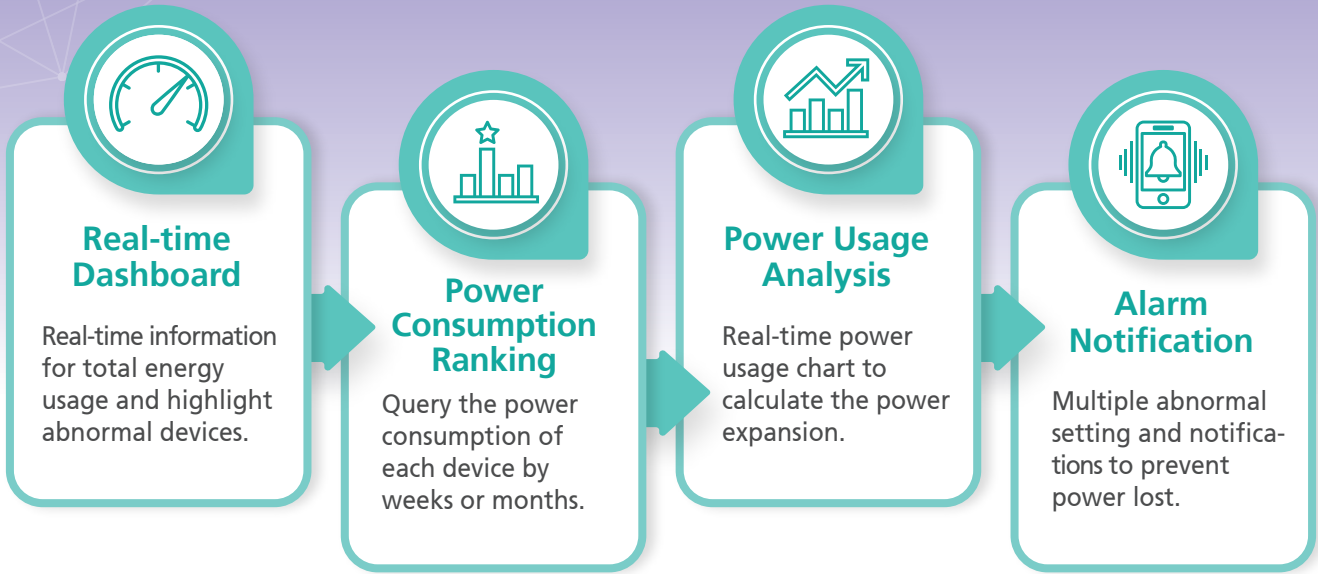- Cross Factory Areas

aws

End Users
- Dashboard
- Real-time Data
- Analysis Report
- Alert Management

Modbus TCP

System Integrators
- Modbus TCP Protocol
- Raw Data Output
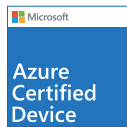- System Integration

Edge Sensors

AIC-100/110 Series

Edge Gateway

Clamp-type

Flexible-type

Temperature

OT Devices at the Edge

Air Compressor

Water Chiller

Motor System

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Platform Functions

EMS

Real-time Dashboard

Real-time information for total energy usage and highlight abnormal devices.

Power Consumption Ranking

Query the power consumption of each device by weeks or months.

Power Usage Analysis

Real-time power usage chart to calculate the power expansion.

Alarm Notification

Multiple abnormal setting and notifications to prevent power lost.

Product Specification

Edge Gateway

Microsoft
Azure Certified Device

AIC-100 Rugged Embedded System

• NXP i.MX6ULL Arm Cortex-A7 Platform

• 512MB SDRAM, 512MB Flash

• 2 LAN, 1 USB 2.0, 2 COM RS-232/485, 1 Micro SD, 1 Mini PCIe

• DC 9V to 50V, Compact & Fanless, -25°C to 70°C Operation

Edge Sensors

ESC Series Current Sensor

• Measure Current Range : 300mA to 3000A RMS AC (50/60Hz)

• Max Measure Voltage : AC 600V

• Conductor Hole : Ø 9.6mm to 180mm

• 2.4GHz Bluetooth low energy compliant and proprietary RF System On Module

• Operating Condition : -20°C to 50°C, below 80% related humidity, non-condensation

• Non-intrusive installation

TSC-100 Temperature Sensor

• Measure Temperature : Rang 0°C to 100°C, Accuracy +/- 2°C

• 2.4GHz Bluetooth low energy compliant and proprietary RF System On Module

• Operating Condition : -10°C to 50°C, below 80% related humidity, non-condensation

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