

ENERGY MONITORING SYSTEM



An Energy Monitoring System (EMS) tracks, records, and analyses energy usage in real time. It helps industries, buildings, and ships

- ✓ Optimize efficiency,
- ✓ Reduce wastage,
- ✓ Lower operational costs.

Customized Solutions

Professional
Installation

Onboard Support &
Maintenance



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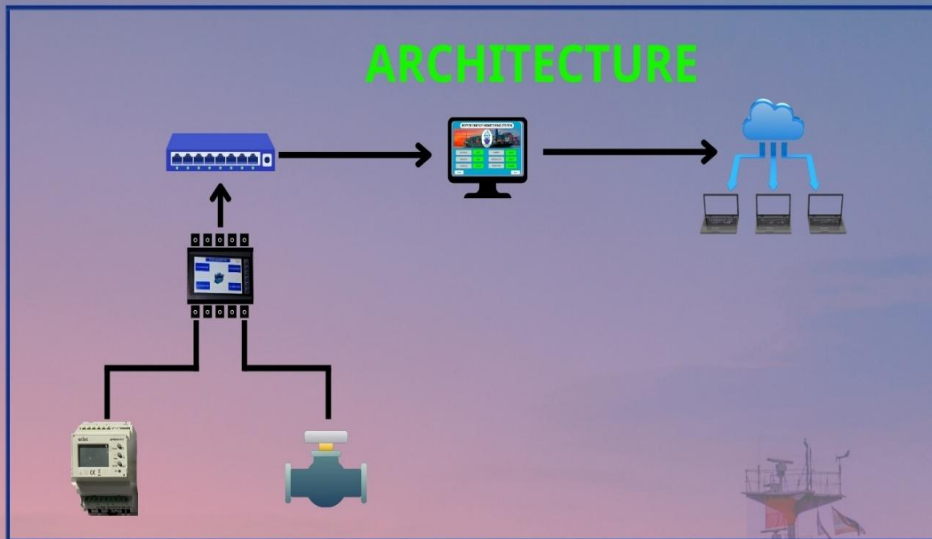
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ENERGY MONITORING SYSTEM

ARCHITECTURE



TECHNICAL FEATURES



Real Time Data Acquisition

Continuous monitoring of energy consumption across multiple sources.



Power Quality Monitoring
Measures voltage, current, frequency, power factor.



Communication Protocols
Supports Modbus, RS485, Ethernet, Wi-Fi, and IoT-based integration.



Energy Efficiency Reports
Automated reports for cost savings, audits, and compliance.



Remote Monitoring
Access anytime, anywhere via secure web/mobile platforms.

Multi-Channel Measurement
Supports single-phase and three-phase power systems.



Data Logging & Storage
High-capacity memory with cloud/server integration.



Scalable Architecture
Easily expandable for multiple locations or equipment.



Integration with RINA/SCADA/MARORKA
Seamless connectivity with automation and control systems.

