



kloudq[®]

Transformative IoT Solutions

Industrial Internet of Things - IIoT

Real-time monitoring of your critical assets, machines and equipment is becoming increasingly important to reduce costs, improve operational efficiency, increase customer satisfaction and maximize profitability. With Kloudq's transformative IoT solutions, you can easily monitor various parameters of your critical assets in real-time, thus providing you with a 360° view of performance with actionable results - anytime, anywhere.

IoT based Energy Monitoring

KloudEMS

Energy Management Optimization for Reduced Operational Costs and a Greener Tomorrow

Do you have the right solution to implement an efficient, cost saving energy management program?

KloudEMS helps you get granular visibility of your energy usage and delivers quick, measurable ROI. Our actionable insights help you to diligently manage your total energy consumption thereby reducing energy costs. Seamless integration and compatibility with any three-phase system coupled with real-time configurable output enable effective load management thus improving your overall operational efficiency.

| Need to Reduce Energy Consumption

Most industrial environments today have a host of metering and control devices. Unless a SCADA system is deployed, these devices rarely communicate with each other and are not accessible remotely. Goes without saying, saving energy costs and energy management has become of paramount importance. Today, energy costs have become a central factor in financial budgeting. The only solution to discover energy leaks and unlock new efficiencies for organizations is by adopting the new age technologies – particularly Internet of Things applications.

| Introducing KloudEMS

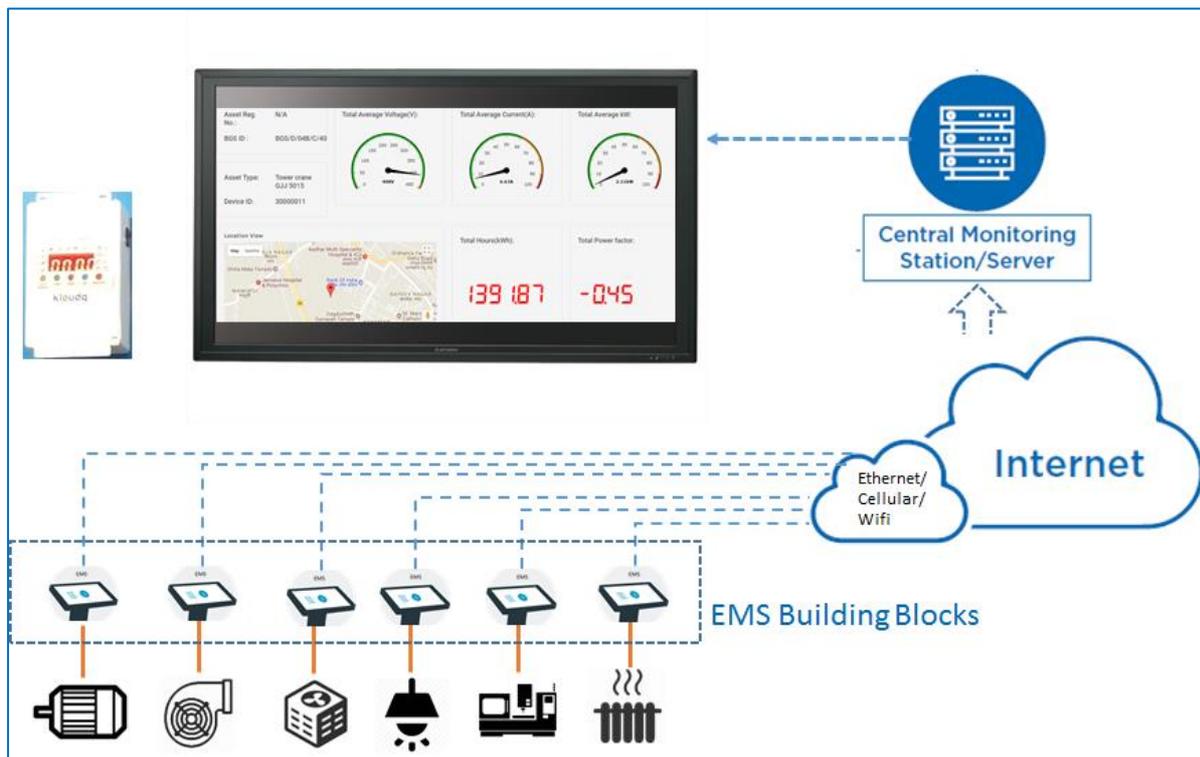
KloudEMS is a modular energy management system aimed at giving you complete visibility and control of your electricity consumption. KloudEMS provides unmatched security and seamlessly displays important parameters for monitoring. In addition to the web application, each building block has its own display and actuation arrangement to help maintenance teams who may not have access to the web application trouble shoot loads.

These building blocks have a wide operating band suitable for harsh conditions. They are self-powered and do not need any auxiliary supply. Backed up with a battery to sustain communication with the web server in case of a power outage, the system is also preconfigured to send alerts in case of tampering or theft. What's more, each building block also has built-in memory that can store up to 100 events, making it extremely accessible and easy to use.

Key Features

 <p>Modular Plug & Play Design</p> <p>Highly Scalable Suitable to variety of Industrial and Commercial Environments</p>	 <p>Ready to use Web Application</p> <p>Unmatched Security Seamless Displays Detailed Dashboards Configurable Reports</p>	 <p>Multiple I/Os for Load Management</p> <p>Compatibility with a variety of Switching Arrangements</p>	 <p>Multiple Communication & Protocol Support</p> <p>Wi-Fi Ethernet GPRS LoRa</p>
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Solution Architecture



| Our Differentiators



ROBUST DESIGN: Designed, tested and certified to operate in harsh industrial conditions



END-TO-END SOLUTIONS: Encompass Hardware, Telecom Device, Network, SIM Management, Mobility, Analytics, Predictive algorithms and Cloud Infrastructure



OPEN COMMUNICATION: Standard interfaces for commonly used Controllers like Modbus, Ethernet, OPC, etc. Ability to also interface directly to sensors in absence of a controller



OFFLINE MODE: Storage of data with in-built memory ensuring no loss of data during bad network conditions



ADVANCED ANALYTICS: Valuable insights from data that adds a methodical dimension to the decision making process and helps you take better strategic decisions



MOBILE ENABLED: Easily monitor and control machinery performance anytime, anywhere



GEO MAPPING: Locate installed base on a map to augment service resources in specific territories



HIGHER MACHINE UPTIME: Not just monitoring but also remote controlling which leads to increase in machine uptime



DOMAIN EXPERTISE: Proven technology by business for business, backed by the Kirloskar Heritage, for timely deployment and budget friendly resources

| About Kloudq

Kloudq is a software organization that offers innovative cloud-based IoT solutions with the potential to reinvent business processes. Leveraging the power of IoT and SaaS, we develop solutions that help our clients unlock business value across functions ranging from Human Resources, Supply Chain Management, Secondary Sales Management, CRM, to Governance and Compliance

Our strong domain and industry knowledge combined with technology expertise makes us a preferred partner in the digital transformation journey of our customers. If you're willing to take the initiative and take your business to the next level, feel free to get in touch with our team – we'll be happy to help!

Get in Touch!

Kloudq Technologies Limited

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