

iUPSGuard versus BMS

ABB Electrification Industrial Solutions



ABB’s UPS Remote Monitoring System (iUPSGuard) and local monitoring applications like Building Management Systems (BMS) or Network Monitoring Systems (NMS) - a comparison of operating functionalities

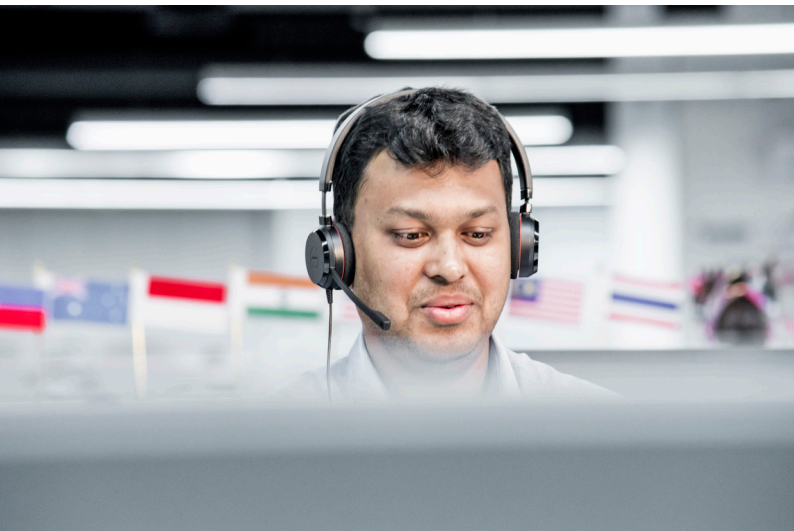
iUPSGuard

iUPSGuard provides a number of functionalities versus standard local monitoring systems. It is able to alert customers and UPS service organization if there is a critical alarm on the UPS 24X7 and notify such alarm via mobile text messages. It is capable to monitor UPS competitors through a proprietary network interface developed by ABB that monitors UPS via SNMP protocol.

The iUPSGuard solution integrates a number of intelligent algorithms and predictive analytics based on the information received from the UPS that notifies when UPS operating status deviates from the normal activity.

iUPSGuard enables ABB to provide a more accurate customer support being able to display online UPS configuration parameters and internal logs normally available only when field service engineers arrive to the site.

| Functionalities | iUPSGuard | BMS/NMS |
|--|-----------|---------|
| Display 24x7 UPS Measurements | + | + |
| Real Time Email Alarm notifications | + | + |
| Mobile Text Messages (SMS) | + | - |
| Competitor UPS Monitoring | + | - |
| Intelligent Algorithms to detect temperature growth trends | + | - |
| Predictive algorithms to detect UPS expected deviations | + | - |
| Explore UPS internal event log 4xxx/9xxx codes | + | - |
| Download UPS internal configuration parameters | + | - |
| Quarterly Report with operation charts | + | - |
| Trigger UPS service for experts analysis | + | - |
| Real time connection with GE monitoring center | + | - |



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01 More accurate customer support through remote availability of configuration parameters and internal logs.

ABB UPS Services offerings range far beyond standard product support: from on-site services for risk-reducing installation and startup, to availability services to help you proactively reduce downtime and meet your service-level commitments. From installation to product retirement, warranty upgrades to remote monitoring, proactive care to 24/7 problem resolution, you can rely on ABB's UPS field service organization for all your electrical infrastructure support needs.

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Our Service Portfolio

ABB services are designed to provide life long operation of all our UPS systems. We have a range of service offerings to meet your requirements. We are at home in all areas of industry and business life, specialized in solutions and services for your electrical infrastructure.

On-site & emergency services

- 24/7 Emergency hotline
- Installation
- Commissioning, start-up
- Repair, upgrade, retrofit
- Assessment, inspection, testing
- Online assistance
- Battery measurement / monitoring

Parts and repairs

- Spare parts supply
- Repair services
- Product replacement / return
- Equipment rentals
- Battery replacement

Contractual services

- Maintenance service contracts
- Remote Monitoring & Diagnostics
- Preventive, planned maintenance
- Resident technical services
- Upgrade management
- Project & site management
- Consultancy and audits

Training

- Training for operators
- Training for maintenance staff
- Product training
- Trainer-to-student as well as web based training

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