

CRITICAL POWER

ABB UPS Watch

ABB Electrification Industrial Solutions



Manage and supervise UPS networks and ensure the availability and performance levels of your UPS infrastructure with ABB's Local UPS Monitoring solution.

Description

The ABB UPS Monitoring Software helps to ensure the availability and performance levels of the UPS infrastructure. The software helps to manage and supervise UPS networks through the SNMP communication. In addition, network configuration management, layer 2 and 3 discovery, come together in one package that is quick to deploy and tailored to your environment.

Key capabilities

Discovery

Automatically discover UPS and map their connectivity. Build an accurate picture of the network devices and their interconnections, using layer 2 and 3 network technologies. Easily schedule network discoveries or run them on-demand.

Mapping

Automatically generate a complete layer 2/3 topology map of your UPS network with visibility into both physical and IP connectivity. Easily customize your maps and drill down into UPS performance statistics.

Monitoring

Using a combination of both active, passive and performance monitoring technologies monitor the health, availability and status of your UPS. Stay ahead of potential performance issues with early warning notifications.

Advantages

Unified dashboard for end-to-end monitoring
Quickly diagnose and resolve UPS performance issues with easy-to-customize, comprehensive dashboards that enhance monitoring user experience.

Software functionalities

- Local Network Monitoring System
- UPS alarms & status changes detected on the spot
- Real time monitoring & record of UPS measures
- 60s data samples and polling cycles
- Performances monitors & actions on thresholds
- Monitoring GE and third party UPS via SNMP
- Email & SMS notifications
- Alarm notification based on measures threshold
- Scalable Application server and storage
- Failover functionality for redundant architecture
- Stop notifications from UPS under maintenance
- SNMP MIB compiler, facilitates import and management
- Graphical interface available in local languages.

Distributed UPS Monitoring Solution

In Distributed edition, each UPS Watch UPS Local Monitoring server (also known as remote site) works independently of others: it monitors the UPS of its own facility and sends relevant notifications, etc.

In addition the local remote monitoring sends summary status and performance information to the Central server, allowing the administrator to keep the entire network under control from the central site.

This is a highly efficient distributed architecture, since monitoring activities and load are carried out locally and independently at each remote site, reducing central site overhead.



01 Remote sites status summary reports

From the central server, aggregated status reports or Top/Threshold performance reports can be generated to poll data from the remote local servers.

