

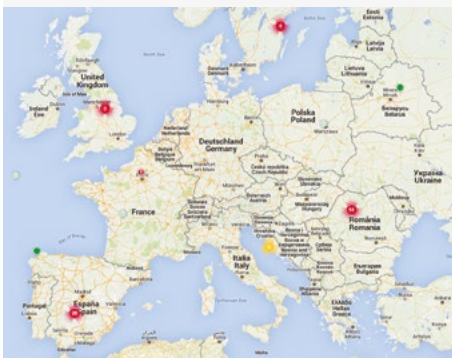
# Vertiv™ Critical Insight

Real-time Monitoring For Your Critical Infrastructure



## Benefits

- It allows you to assess energy utilisation within your facility and to identify energy operational efficiency opportunities.
- It collects data from disparate systems and provides aggregated views that allow identifying trends and managing critical infrastructure capacity, thus obtaining total cost of ownership reduction.
- It allows you to assess device health, to receive immediate notifications in case of warnings or alarms, and to take action accordingly, with the ultimate result of maximizing uptime.
- It allows you to carry out real-time monitoring of your equipment and quickly visualize, monitor and export power, cooling, environmental data and other key metrics and KPIs providing operational transparency.
- It is extremely versatile, allowing you to choose between different methods of deployment, namely on-premise and SaaS to fit at best your strategy and investment targets.



*Vertiv™ Critical Insight is a real-time software platform designed to ensure continuous performance improvement for any critical infrastructure. It is a comprehensive web-based critical infrastructure monitoring tool designed to identify and manage key operational behaviours, analyse trending, and manage energy usage.*

Because of its in-built flexibility, Vertiv Critical Insight can be installed on a single server, distributed over several servers or hosted by Vertiv and provide centralised monitoring and control of your critical equipment and related sensors.

The equipment monitored can be Vertiv or third-party and can be in a single site or distributed over many sites.

Performance and alarm data from the monitored equipment is automatically collected and made available in real time, so as to provide data center operators with the information they need every day.

Vertiv Critical Insight allows you to have a view of the events on the devices, in order to discover anomalies and behaviors and trigger specific actions.

It also allows for different levels of access, based on user profiles with specific rights and restrictions.

## Vertiv Critical Insight grants maximum flexibility

Vertiv Critical Insight addresses the needs of small to large installations and offers the following capabilities:

- Monitoring of single and multiple sites
- Alarm notification sent via text and e-mail
- Manual or automatic remote equipment control
- Monitoring of Vertiv and third-party equipment
- Secure connection granted by SSL encryption
- Unlimited number of users
- Possibility to be deployed on premise or on cloud.



## Technical Specifications

System Features	Vertiv Critical Insight
Remote Concurrent Clients	Yes
Users and Groups	Yes
Operating Systems Supported	Windows 10 Enterprise/Professional (x64) or Windows 2012 R2 Essentials/Standard/Datacenter (x64) or Windows Server 2016 Standard (x64)
Browsers Supported	IE, Firefox, Safari, Chrome
Languages Supported	English, Spanish, Russian
Database	Integrated or external (Oracle)
Customizable Dashboard	Yes
Export Data and Alarm Events	Yes
Monitoring of Third-Party Equipment	Yes
Types of Devices Supported	Thermal Management equipment, UPS, batteries, switchgears, generators, fire systems, fuel tanks, security, leak detection, etc.
Protocols Supported	SNMP, Modbus, EEM, YDN23, and SiteWeb

### Real-Time Monitoring Control

Device Status Polling	Automatic
Parametric Data Logging	Yes
Set point Control	Yes

### Notifications and Actions

Notifications	Text and e-mail
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## User Interface

Vertiv™ Critical Insight User Interface is user friendly as it can be easily accessed via a standard web browser. In addition, it can be customized according to your needs so as to show all relevant measurements on a background of your choice: an image of your site, a floor plan scheme, an electrical diagram or a map identifying the site location.

The User can drill down the view from global, to site, to device level. The clickable graphic views summarize alarm details, visualize device, room and site statuses giving users at-a-glance actionable data for quick and confident decision making.

## Monitoring and Alarm Management

Vertiv Critical Insight can monitor both Vertiv and third-party equipment using SNMP or Modbus protocols. These are used to communicate with the critical infrastructure to obtain critical data and device statuses. The data collected provide alarm notifications and are stored for historic reporting. All statuses and values are displayed within a web browser, so you can visualize the health of your technical environment. Alarms and events can be notified via text or e-mail.

## Equipment Control

Remote commands and configuration parameters can be sent to connected equipment, allowing full remote management of the connected equipment at the remote location.

## Statistics Management

All data collected by Vertiv Critical Insight is stored and can be used for trending and graph creation for further analyses. Data can be exported and used to produce customized reports.

## Associated Services

Vertiv Critical Insight is complemented by software-related and software-enabled services. The first include installation and configuration according to your specific needs, training on the platform and its functionalities, and access to software updates and to a dedicated Helpdesk service available 8/5 or 24/7 depending on the contract selected. The latter rely on Vertiv remotely connected experts and analytic tools and include proactive monitoring and incident management, analytics and operational recommendations.

