



VERTIV™

Trellis™

Facility Manager

Dynamic Facility Management
Platform for Critical Infrastructure



WE ARE VERTIV

Vertiv, formerly Emerson Network Power, designs, builds, and services mission critical technologies that enable vital applications for data centers, communication networks, and commercial & industrial environments.

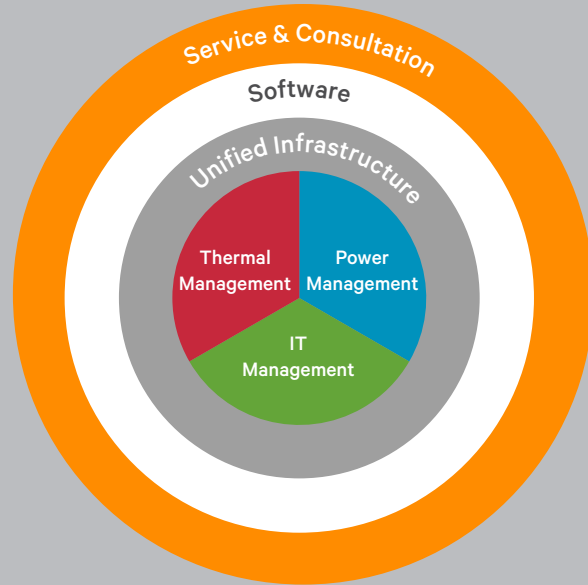


We support today's growing mobile and cloud computing markets with our portfolio of power, thermal and infrastructure management products, software and solutions, all complemented by our extensive global service network.

We help strengthen the world's most vital applications by bringing together global reach and local knowledge, and our decades-long heritage, including brands like Chloride, Liebert, NetSure, and Trellis.

Vertiv Your Vision, our Passion

With a unique combination of industry expertise, technology, and resources, our mission is to support and power mission-critical technologies that drive possibility.



Chloride®

Our global industrial power solutions meet the most demanding technical specifications and provide safe, reliable power- no matter the challenge

NetSure™

Our global intelligently engineered DC power systems deliver high availability, energy efficiency and scalability for converged networks

Liebert®

Our global power and thermal management solutions are some of the world's most efficient and reliable power and cooling technologies

Trellis™

Our industry-leading software gives customers an integrated view of operations across IT and facilities resources, enabling better decisions that save time and money

MAKE THE RIGHT DECISION FOR YOUR CRITICAL INFRASTRUCTURE WITH TRELLIS™ FACILITY MANAGER

Quick Facts

- Critical infrastructure management and monitoring in real-time
- Dynamic 2D & 3D visualization
- Dynamic single line diagram
- Customizable reporting tool
- Consolidated alarm management
- PUE dashboard

Applications

- Mid-sized data center
- Communication and computer rooms

Applicable Industries

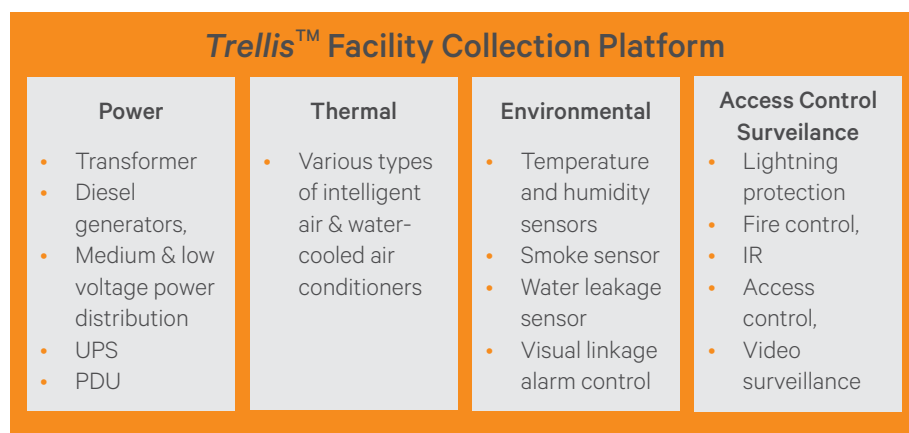
- Government
- Telecom
- Healthcare
- Financial
- IT
- Railways
- Manufacturing

The main objectives of every IT and facilities organization are simple:

- Mitigate the risk by maintaining high availability, easy accessibility, and agility.
- Optimization and maximum utilization of the capacity and efficiency of the data center resources and operations.

Vertiv's *Trellis*™ Facility Manager is an integrated, cost-effect, and real-time infrastructure management solution that helps your IT and facilities organizations to realize their objectives. It is designed on a simple modular and scalable platform that allows custom configurations with the ability to scale from small to mid-sized data centers. This unified solution helps you visualize the real-time situations in your data center, make the right decisions, and take effective and corrective action with confidence.

Trellis™ Facility Infrastructure Management Modules



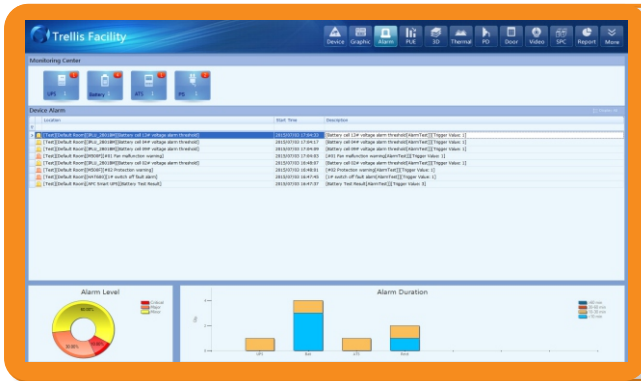


“With Its’ Analytical tools- Increase Operational Productivity & Maximize Availability of Critical Infrastructure



Device Monitoring

- Single dashboard display and list of connected devices along with their respective status.
- Comprehensive insight into the history of each device performance, helping reduce disruptions significantly.
- Real-time device communication status and alarm notice.



Alarm Management

- Display of unattended alarms based on the categories.
- Ability to choose specific alarm by filtering.
- Summary of alarms and real-time measurement to improve alarm responses and streamline operational management.
- Multiple Alarm Notification methods: Voice, SMS, Phone call, and Email, helping improve operational efficiency.



2D floor plan

- User-configurable 2D model dashboard.
- Provides a detailed summary, status and snapshot of the critical infrastructure gives the IT manager a clear picture of the operating conditions of the data center.

Unique Features And Functions



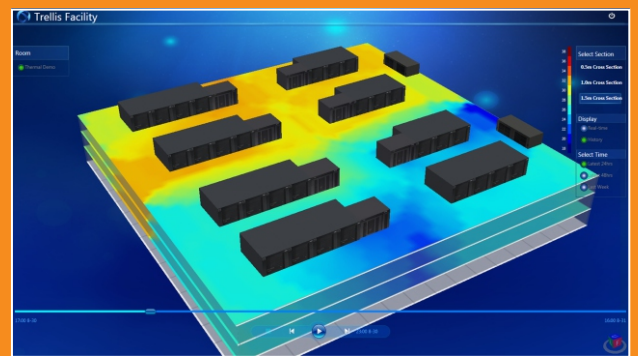
3D Monitoring

- 3D display and view of the critical infrastructure along with the corresponding alarm notifications.
- Users can gain access to desired infrastructure information using the filter tools.
- Provides visual representation of equipment in distress that requires attention to help improve mean time to repair.



Thermal Monitoring

- Data center thermal profile visualization.
- Ability to identify and clear transient hot spots.
- Monitor and analyze cooling system to determine utilization, optimize efficiency and lower costs.



Capacity Management

- A single source for tracking the inventory to reduce time & cost for the floor and zone space management.
- Detailed cabinet status, including power consumption and cooling capacity, helps users in planning for expansion.



Analysis of Historical Trends help Prevent Problems Before It Occurs



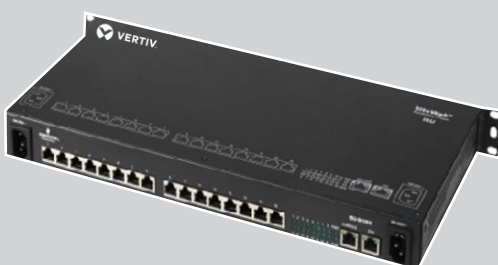
PUE Dashboard

- Detailed information about the operating status and site conditions such as temperature, current, and historical efficiency metrics including PUE.
- Summary of power consumption data by category helps users to identify and analyze areas of improvement.
- Historical & real-time energy & temperature trends help users to analyze and introduce optimization to realize energy savings.



Mobile Application

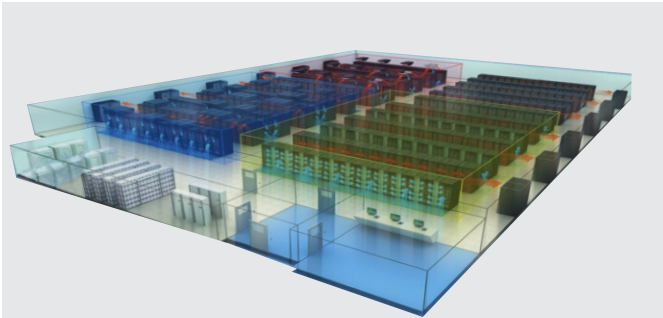
- Mobile access to view real-time infrastructure status on functions such as system overview, preventive maintenance schedule, and alarm notifications thereby helping users to considerably improve response time.
- Compatible with Android OS.



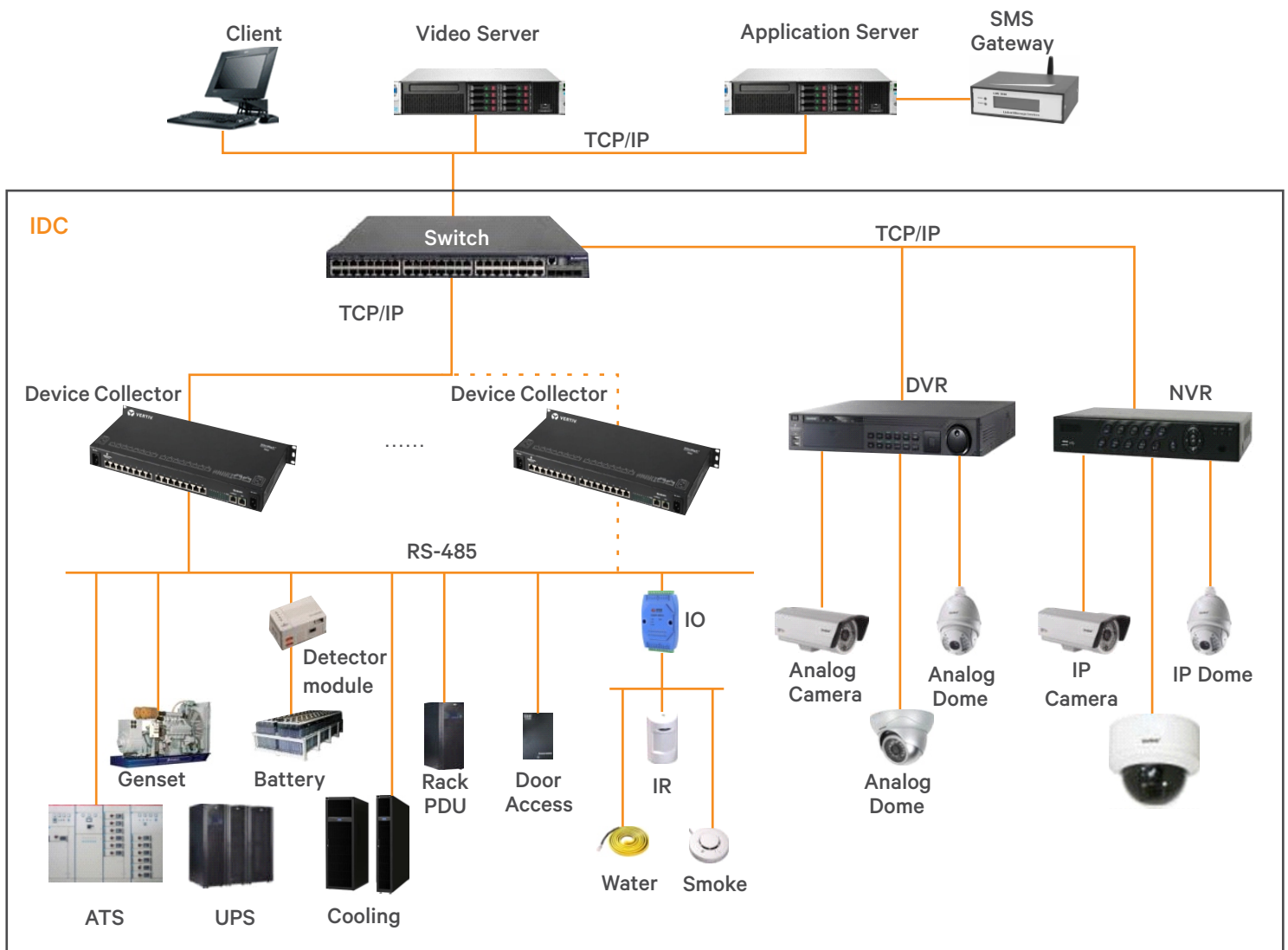
Smart Device Collector

- Dual PSU with AC voltage range of 85-285VAC.
- Supports DC power of 240V & 336VDC.
- 10/100M adaptive IP port, with an automatic crossover function.
- 16 RS-485 serial input ports.
- 3kA & 5kA lightning protection for serial and power ports.

TYPICAL SYSTEM ARCHITECTURE



“The Trellis™ Facility Manager Platform delivers a complete suite of tools to manage every aspect of your critical infrastructure, enabling better decision-making that leads to lower risk, higher performance, and business transformation.”





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