Environet Facility

The Solution

Environet Facility provides the data granularity required for efficient management of the data center. Access to real-time, holistic information about power, environment, and cooling empowers users to proactively manage moves, adds, and changes. With unprecedented visibility and management, Environet Facility is the ultimate data center management solution.

Environet Facility makes it easy for users to monitor and manage the data center, and provides critical at-a-glance information that displays data center health. The global view allows users to view multiple facilities worldwide in one comprehensive view. The extensive alarming system notifies personnel based on user-defined alarm settings, and offers peace-of-mind to management who can be certain the data center is closely monitored. If an accident occurs, quickly drill down into the targeted data center to view specific racks or equipment. Using the 3D graphical views, Environet Facility shows weak-points in the data center and demonstrates ways to improve upon them. Environet Facility focuses on processing information quickly and reliably, ensuring that users can make informed decisions regarding the data center.

Features and Benefits

Real-Time Monitoring
Monitor all critical data center infrastructure in real-time using 3D graphical views. Using a number of communication protocols, Environet Facility is a simple, scalable management solution that proactively monitors the integrated equipment and gives each user peace-of-mind knowing the exact state of the data center.

Automation Control
Increase data center efficiency by automating major systems such as CRAC Units. Environet Facility uses system and environmental data to start/stop units when appropriate, providing reduced runtime while maintaining the same productivity.
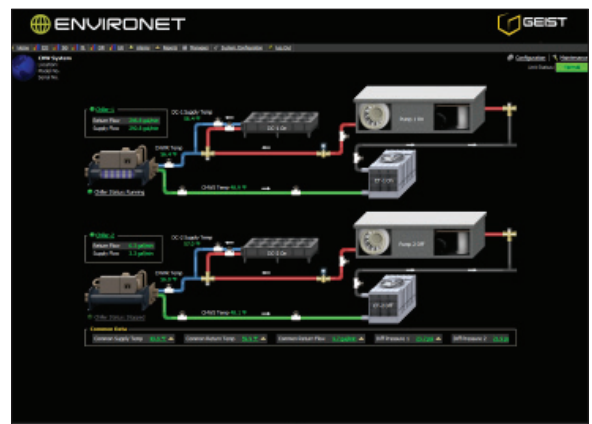
Capacity Planning
Environ et Facility utilizes dashboards and graphical views to display where there is free space in the data center. The Rack View shows where on the rack assets are located, and shows capacity information. Environet Facility allows users to create assumptive loads and simulates the effects on the entire system.

Email, SNMP Trap or SMS Notification
Environet Facility can notify users via email or text when an alarm condition is met or exceeded. Users can access the system remotely to acknowledge and troubleshoot alarms.

Custom Reporting
Automatically generates required reports saving you time, while decreasing human error associated with manually creating each report.

Event Analysis Reporting

Displays all data associated and recorded for a given event. View data before, during, and after the event occurred, increasing operational awareness.

Rack Manager

Manage racks within the data center, identify and associate the power strips, branch circuits, or any other power or temperature readings. Get total power, load balance, temperature and a variety of other user-definable calculations.
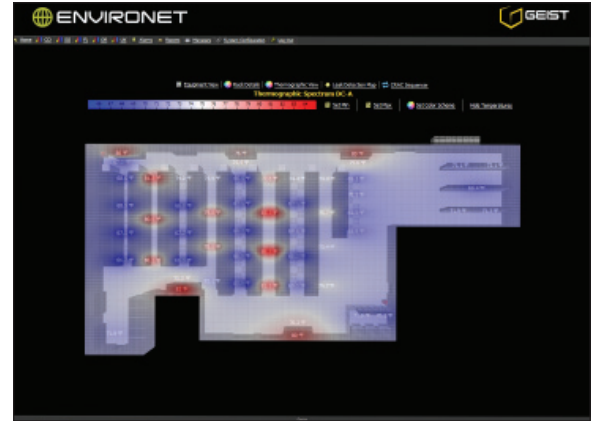
Power One-Line

Shows each piece of equipment on your power one-line drawing. Each element has associated status, capacity, and more.

Energy Cost Analysis

Analyzes how much energy each monitored piece of equipment is using and highlights areas where energy costs can be reduced.

Tenant Billing Manager

Calculate power consumption and real-time usage information for each tenant. Each tenant can be associated to power circuits, making it easier to manage usage.

Supported Equipment

- Chilled Water Systems
- CRAC Units
- Utility Power Meters
- Switch Gear
- Generators
- Fuel Systems
- ATSs, STSs
- Fire Panels
- Leak Detection
- Battery Strings
- Rack PDUs
- RPPs, BCMs
- UPSs, PDUs

Communication Protocols

- SNMP
- Modbus
- BACnet
- LONworks
- oBIX
- Hardwired I/O
- Niagara