Environet DCiM System

What is Environet?

Environet is a highly customizable, fully scalable system with a single point of access for all your monitoring needs. Geist DCiM provides monitoring, trending, alarming, and custom views of up to tens of thousands of monitored data points. The aggregated results are collected across your facilities and presented through a visually rich graphical user interface.

Interactive Views

Global View

Shows the status of all your facilities around the world.

Dashboard View

Displays the top level of a facility. Includes: alarm sources, facility layout, your company brand, weather conditions, and key performance indicators.

Equipment View

Represents each device with six different status colors for at-a-glance monitoring.

Energy Spectrum View

Graphically represents the power density of each rack on a color changing floor plan.

Thermographic View

Displays floor plans with color changing "hot spots" that represent temperature values.

Power One-Line

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

Side-by-Side Like Equipment Comparisons

Compare information regarding capacity, load balancing, efficiencies, and more across multiple pieces of similar equipment.

BMS Integration / HVAC Views

Integrates fully with all major building management systems for display, trend, and alarm on the collected information.
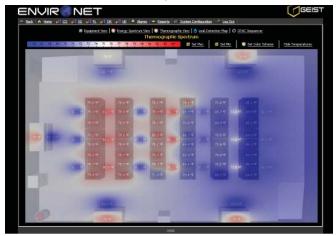
Event Analysis Reports

See all data associated and recorded for a given event. View data before, during, and after the event occurred.

Global View

Facility View

Thermographic View

Geist Americas	Geist DCiM	Geist Europe	Geist Asia, Shenzhen	Geist Asia, Hong Kong
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Environet Features and Benefits

Automated Reports
Automatically generates required reports saving you time, while decreasing human error associated with running reports.

Control Enabled
Increases facility efficiency allowing you to realize your return on investment more fully.

Custom Views of All Data
Shows the most pertinent information based on your monitoring needs for faster, more efficient data collection.

Extensive Trend and Historical Records
No more manual measurements! Saves time by automatically collecting and logging important data points.

Full Alarm Management
Gives you the flexibility to manage alarms remotely so no alarm goes unacknowledged.

Industry Leading Monitoring and Management Features
Monitor your facility proactively rather than reactively. The extensive tool set allows you to recognize problem areas before they cause downtime.

Integration with all major BMS and NMS
Easily works with current systems so there is no need to replace expensive equipment already installed.

Multiple Site Capable
Gives you a holistic view of your enterprise for maximum efficiency.

Multiple User Based Views and Permissions
Increases efficiency by personalizing what information is displayed when you log in.

Scalable
Allows Environet to grow with your facility. Additional data points are easily added when you need to expand.

Vendor / MFG neutral
Works with existing equipment so you get reliable, efficient monitoring results.

Tools

» Power One-Line Diagrams
» Power Capacity Planning
» Energy Cost Analysis
» Datacenter Documentation Storage
» Custom Reporting
» Custom Views
» Key Performance Indicators
» PUE / DCiE
» Unique Views Per User
» Tenant Billing Manager

Supported Equipment

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

Communication Protocols

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

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