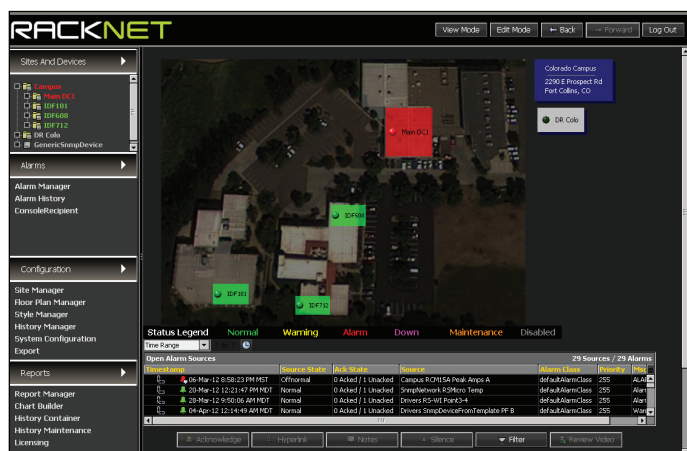




Racknet Product Family: Racknet-A, Racknet-AS, Racknet-S, Racknet-VM and Racknet-E



Racknet is designed primarily to give visualization to rack level data and white space. Racknet can be set up and configured by users or by a professional installer, and is capable of being 100% user maintained. Racknet uses an SNMP auto discovery tool to make configuration fast and easy, while template devices make adding equipment to the system simple. Racknet is shipped pre-installed on a server for quick set up.

Racknet Models

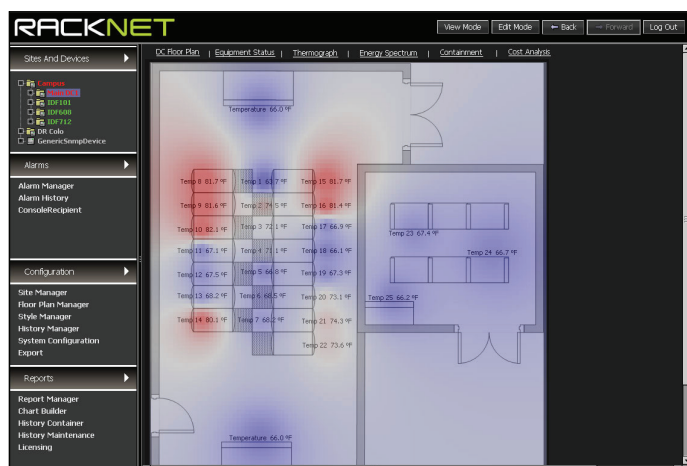
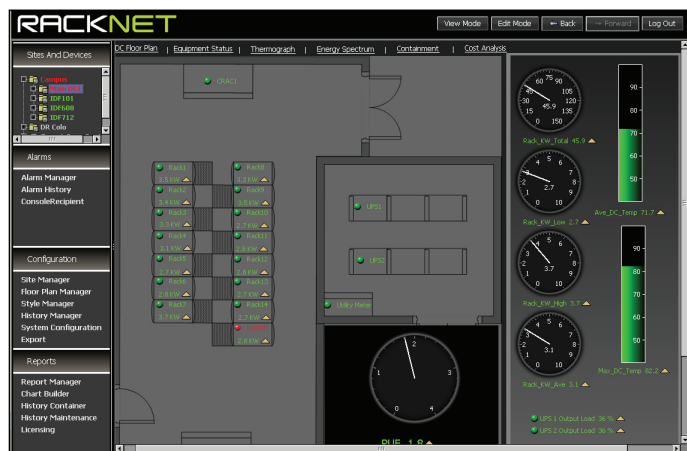
Racknet-Aggregator (Racknet-A): Racknet-A connects to GNET via 48 aggregation ports to collect critical data from Geist power strips in a centralized location. It prevents users from having to set up IP addresses on the production network and saves space on costly network switches. Racknet-A communicates via SNMP and supports up to one thousand devices.

Racknet-Aggregator Server (Racknet-AS): Racknet-AS includes the full feature set of the Racknet product line. It can be used with third-party equipment, has a 48 aggregation ports for direct connection, and includes full customization capabilities.

Racknet-Server (Racknet-S): Racknet-S gathers data from Geist products as well as third-party equipment. It also allows users to fully customize graphics and collections. In addition, Racknet-S comes with the ability to derive values from monitored points to create meaningful views of data.

Racknet-Virtual Machine (Racknet-VM): Racknet-VM is a virtual interface with the same features as Racknet-S. Along with the current selection of Racknet appliance versions, users now have the option to deploy Racknet-VM in their existing virtual environment.

Racknet-Environmental (Racknet-E): Racknet-E allows users to rapidly deploy a complete environmental monitoring network solution in just hours. Racknet-E combines high-end data center management software and fully integrated environmental sensors to alert managers when heat or humidity levels threaten sensitive data center equipment. The bundled solution can be fitted with wireless or wired sensors; each preprogrammed sensor reports temperature and/or humidity readings through the web accessible graphical user interface.



Features & Benefits

Bundled Environmental Sensing and Software

Preprogrammed sensors integrate with Racknet-E software right out of the box. Environmental reports and historic data collections begin as soon as system is activated.

Simple, Fast Deployment

The bundled systems give users the ability to place sensors in critical areas in their data center to set up an entire environmental network monitoring system in just hours.

Aggregated Views of Data

Displays one view of all monitored equipment with a combination of pre-configured, user defined graphics to create a holistic view of enterprises and highlight areas to improve efficiency.

Alarm Notification

User defined thresholds for quick alarm notification with three escalation levels. Identifies problems before they become catastrophic.

Math Functions & Collections

Generate live views such as highs, lows, averages, etc. and associate them with dashboards and other views. Create meaningful views of data based on your needs.

Reporting & Histories

Build and generate unique reports based on individual requirements. Visually display data in various chart types for easy interpretation. Save time by automatically generating the reports you need with the data you want to see.

Thermographic View

Drag and drop sensors onto the data center floor plan for a quick real-time view of the data center environment. Visualize where problematic areas might exist and know where to troubleshoot.

Upgradable

Racknet-E also has a full upgrade path to monitor other SNMP compatible devices located in the data center. After upgrading, users can elect to expand their monitoring capabilities to include power strips and other SNMP devices.

Features and Benefits	Racknet-A	Racknet-AS	Racknet-S / Racknet-VM	Racknet-E
Support for all Geist hardware	x	x	x	upgrade
Support for all 3rd party power strips		x	x	upgrade
Support for all 3rd party SNMP devices		x	x	upgrade
48 aggregation ports for GNET connections	x	x		
Bundled with environmental hardware				x
Auto configuration of IP address for connected equipment (DHCP Server)	x	x		
SNMP and BACnet output of all collected data	x	x	x	x
Support for up to 1,000 devices and 15,000 data points	x	x	x	x
Geist equipment global firmware updates	x	x	x	x
Alarm, Trend, Report on all collected data	x	x	x	x
User defined graphical views		x	x	x
User defined collection objects for associations of data		x	x	x
HTTP pass-through of all GNET devices	x	x		
Appliance form factor	x	x	x	x
Virtual Machine option			x	

For more information about the Racknet solutions, contact Geist DCiM at 877.449.4150 or dcimsales@geistglobal.com.

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