

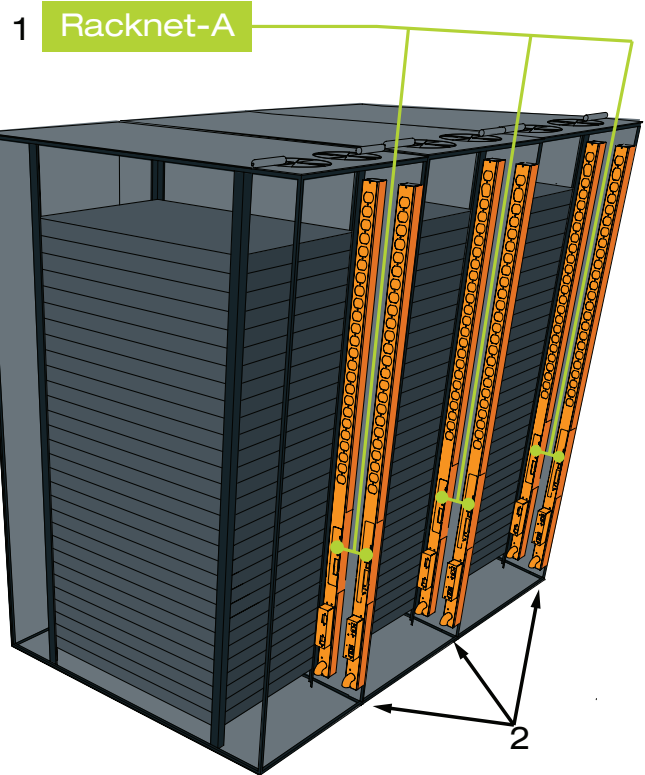
Racknet-A



Overview

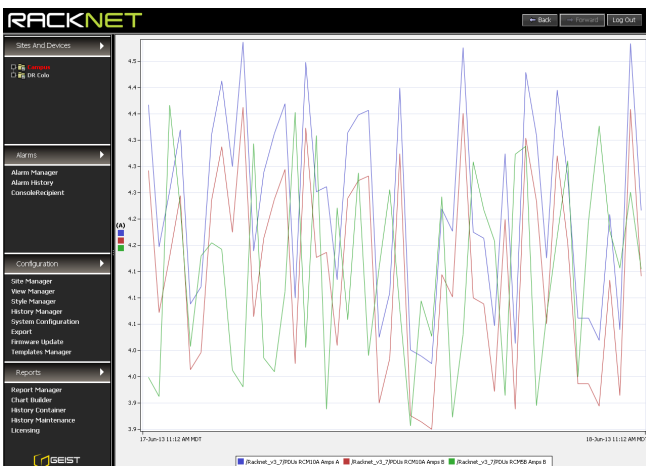
Racknet-A utilizes GNET via 48 aggregation ports to collect critical data from Geist products. Racknet-A provides visibility to data from Geist power strips in one, centralized location. It prevents users from having to set up thousands of IP addresses on the production network and saves space on costly network switches. Racknet-A communicates via SNMP and supports up to one thousand devices.

Manage IT and white space with a single point of integration. The Racknet-A solution supports Geist equipment and allows you to integrate all of your Geist Power, Cool and Monitor devices.



Application Diagram

1. **Racknet-A** – Collects data from intelligent PDUs then stores, aggregates, reports, and displays the data on a secure internet connection for multiple user remote access. Captures data from up to 48 unique ethernet connections using GNET. With additional Concentrator devices Racknet-A can report on hundreds of devices.
2. **Geist Intelligent PDUs** – Supply power to critical data center equipment. In addition, the intelligent PDUs send performance metrics.



Racknet-A can report on hundreds of devices by incorporating Concentrators.

Features & Benefits

48 Unique Ethernet Connections

Captures data from up to 48 unique ethernet connections under a single production IP address. Allows users to create an independent network to collect intelligent PDU data without connecting to the data center network.

Alarm Notification

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

Reporting & Histories

Build and generate unique reports based on individual requirements. Also, maintain a database of point histories to pinpoint specific activity at any given time of day, week, month or year.

Single Access Point for Integration

Racknet communicates out via SNMP, BACnet and the oBIX API for seamless integration with larger management systems.

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.

Please note the information contained herein is for informational purposes only. Technical claims listed depend on a series of technical assumptions. Your experience with these products may differ if you operate the products in an environment, which is different from the technical assumptions. Geist reserves the right to modify these specifications without prior notice. Geist makes no warranties, express or implied, on the information contained in this document.

Geist Americas

800.432.3219
geistglobal.com

Geist DCiM
1.877.449.4150
geistglobal.com

Geist Europe

+44 (0) 1823 275100
geistglobal.com

Geist Asia

China
+86.755.86639505
geistglobal.com

Hong Kong
+852 90361927
geistglobal.com