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# Introducing Our Data Center Environmental Assessment Kit Model RS-EVAL-001

## In This Issue

- Server Sense
- Product Developments
- Channel Chatter

## Quick Links

- [Wireless Sensors Home Page](#)
- [SensiNet Rack Sentry Computer Site Solutions Home Page](#)



## Server Sense

According to the US Department of Energy "Monitoring data centers for energy efficiency is an important factor in their efficient operation. Environmental monitoring can provide a map of cooling system performance that can be used to help detect and address deficiencies" and "by utilizing wireless mesh network monitoring systems, data center operators should be able to

## Dear Paul,

Our new Assessment Kit includes a wireless Gateway, two wireless nodes with three temperature sensors each, one wireless temperature/humidity node, one wireless node with two RTD temperature sensors for CRAC in/out one mesh node to extend range. All in a rugged Pelican case.

**\$3495 Complete. No software required.**



## SIMPLE to Get Data

visualize air mixing, observe trends, and identify hot spots. Airflow management problems can then be resolved by addressing the hot and cold spots and leaks"

[Data Center White Paper](#)

### Product Developments

Our product development team has been hard at work with the newest addition to the SensiNet family of products with an all new package and look making multi-point temperature measurements easier than ever

[Rack Sentry Multi-Point](#)



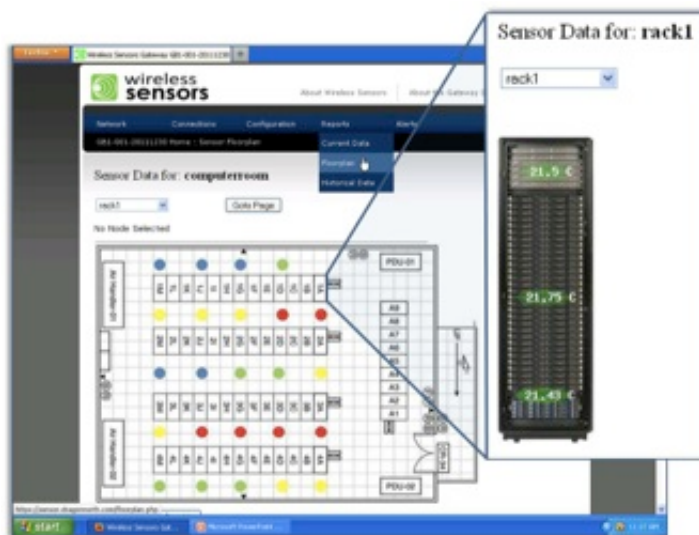
### Channel Chatter

Join us in welcoming AirTight, Pinebreeze and PTS to the growing list of Channel Partners bringing the **SIMPLE** power of SensiNet to customers worldwide. AirTight serves the southeast US, Pinebreeze the southwest and PTS and TEI Solutions are in the NY and New England markets respectively. We're delighted to have them as part of the team.

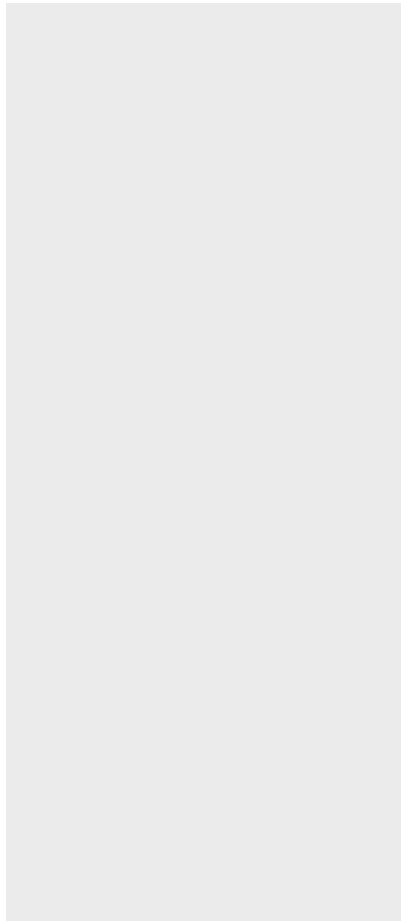
[Become a Channel Partner](#)

The SensiNet Rack Sentry evaluation kit provides all the needed components to deploy a fully functional environmental monitoring system. Any computer with a standard browser can access the user interface providing all data logging, trending and visualization functions and requires no additional software. The kit comes packaged in a rugged Pelican case to ease transportation and shipping. The system can be running in minutes and provides the required sensors to measure six server inlet temperatures, hot aisle temperature and humidity along with supply and return CRAC / CRAH temperatures. Sensors can be relocated in real time for preliminary surveys and needs assessment or left in situ for trend analysis. Once a preliminary assessment is made simply add more sensors as needed. Standard protocols include SNMP and Modbus TCP making integration with DCIM and Building Automation Systems easy.

### SIMPLE Browser Based Visualization



### SIMPLE Steps to Cooling System Optimization



- S** • **Sample** You can't control what you don't measure
- I** • **Improve** Reach for low hanging fruit..blanking panels, tiles etc.
- M** • **Maximize** the efficiency of existing systems..stop overcooling
- P** • **Protect** efficiency gains with continuous monitoring
- L** • **Locate** hidden capacity with actual performance data
- E** • **Ensure** equipment changes/upgrades are based on facts



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