FOR IMMEDIATE RELEASE

Spinwave Systems introduces SNMP Gateway for the Datacenter Market

SNMP Gateway offers datacenter operators an SNMP standard-based wireless monitoring solution for temperature, relative humidity and power.

Spinwave Systems released its SNMP (Simple Network Management Protocol) gateway that offers datacenters a common communication standard connecting building management and IT systems. SNMP is used to monitor network-attached devices for conditions that warrant administrative attention. The SNMP gateway communicates with Spinwave's A3 wireless sensors, such as the battery-operated temperature and relative humidity sensors critical for optimum datacenter performance. Poor temperature and humidity conditions at datacenters can result in equipment failure and reduced equipment life span caused by high temperatures, drastic temperature changes, static electricity buildup at low humidity points, and condensation formation at high humidity points. The SNMP gateway provides seamless integration to the SNMP-based tools that are already monitoring the datacenter network and can be extended to monitor the entire facility, providing at-a-glance knowledge of datacenter temperature and humidity levels, power consumption, cooling capacity, network usage and the status of the backup power systems that are critical to datacenter performance.

The SNMP gateway, along with the associated Management Information Base (MIB), allows trap-directed notification. SNMP traps enable an agent to notify the management station of significant events by way of an unsolicited SNMP message. Spinwave's SNMP gateway also supports "SNMP get" and "SNMP walk". For normal monitoring use, datacenters can use "SNMP get" to request information from the SNMP gateway. Additionally, they can configure the SNMP gateway to send traps, to detect pre-defined events. The SNMP gateway supports traps in two ways: trap at an interval, which is same as periodic "SNMP get", and traps based on COV (change of value). The COV traps are ideal for critical applications, and can be configured to indicate conditional events.

The benefit of trap-directed notification is that if a network manager is monitoring a large number of devices, and each device has a large number of objects, it is impractical to poll or request information from every object on every device. The solution is for each agent to notify the manager without solicitation. Spinwave's wireless devices and SNMP gateway can seamlessly integrate with IT management systems and provide critical server room air conditioning, heating and airflow information, eliminate potential problems and keep servers operating at maximum capacity, while being as energy efficient as possible. In addition to the SNMP gateway, Spinwave also offers Bacnet, Modbus and LON based gateways.

Spinwave™ Systems is a leading developer of wireless building information networks.

To learn more, please visit www.spinwavesystems.com

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