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New Cloud-Based Monitoring System
Polls Modbus Registers to Safeguard Unattended HVACR Equipment

Sensaphone® to Introduce Sentinel™ PRO system at AHR Expo 2016 Booth 5247

ASTON, Pa., November 3, 2015 – Sensaphone® introduces its Sentinel™ PRO remote monitoring system, an enhanced version of the Sentinel cloud-based system that provides 24/7 remote monitoring of unattended HVAC units, freezers, refrigerators, boilers and chillers. The Sentinel PRO system supports the Modbus communications protocol and includes a second relay output – capabilities required to monitor and control complex networks.

The Sentinel PRO system interacts with all existing sensors within a facility and introduces operators to the Internet of things for on-demand, real-time status and data acquisition from any Internet connected device. It can collect data and push it to the cloud for alarming, reporting and real-time status.

The system monitors, delivers alarms and datalogs input/output points from third-party Modbus sensors, transducers and programmable logic controllers (PLCs). These sensors can monitor virtually any critical condition including temperature, humidity, pressure, pH, conductivity and water leakage. The system supports Modbus RTU/485 and Modbus TCP.

"The Sentinel PRO is the most advanced monitoring and data acquisition system available today," said Robert Fusco, Sensaphone's Technical Support and Service Manager. "It's ideal for HVACR professionals because it can integrate devices and immediately deliver critical system-wide information."

All Sentinel remote monitoring systems send alerts via phone, email or text. Data values can be viewed in real time via sensaphone.net or the Sensaphone iPhone/Android app. All sensor readings are saved in the cloud, which protects against data loss and provides unlimited information storage. Multiple devices can be managed from one account using web-based management tools. The standard Sentinel system is Ethernet based, but it is also available with a cellular option for remote locations that do not have Internet access.

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At AHR 2016, Sensaphone will showcase Sentinel PRO with its full suite of HVAC monitoring solutions including: Sensaphone Web600 Monitoring System; Sensaphone IMS-1000 Single Room Monitoring Solution; and Sensaphone WSG30 Monitoring System. Sensaphone also will feature conductivity sensors that measure purity of water in boilers and chillers, as well as pH sensors.

About AHR Expo

The International Air-Conditioning, Heating, Refrigerating Exposition (AHR Expo), which began more than 85 years ago as a heating and ventilation show, has now grown into one of the world's largest HVACR events. The Exposition is held annually in key markets and major cities across the U.S., hosting close to 2,000 exhibitors and bringing in crowds of 60,000 industry professionals. The show provides a unique forum for the HVACR community to come together and share new products, technologies and ideas. The event is co-sponsored by ASHRAE and AHRI, and is held in conjunction with ASHRAE's Winter Conference. The 2016 AHR Expo will be held January 25-27 at the Orange County Convention Center in Orlando, Florida. For more information visit www.ahrexpo.com.

About Sensaphone

Sensaphone® offers a comprehensive line of remote monitoring products that safeguard valuable assets by tracking critical environmental data such as temperature, humidity and power failures. Sensaphone products provide alerts and proactive monitoring data to homeowners and facility managers in many areas including telecommunications, oil and gas, water and wastewater, HVACR, agriculture, healthcare, data centers and greenhouses. More than 400,000 Sensaphone systems are in use today around the world, and they continue to be manufactured in the USA. For more information, call 877-373-2700, email sales@sensaphone.com or visit www.sensaphone.com.

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