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New Cloud-Based Remote Monitoring System
Has Modbus Capabilities for Water/Wastewater Applications

Sentinel™ PRO system to be featured at WEFTEC Booth 537, September 26-30, Chicago

ASTON, Pa., August 5, 2015 – Sensaphone® will introduce its Sentinel™ PRO remote monitoring system at WEFTEC 2015. Sentinel PRO is an enhanced version of the Sentinel cloud-based system, which monitors up to 12 conditions at remote pump stations and tank farms including power, pump status, tank level and flow rate.

Sentinel PRO supports the Modbus communications protocol and includes a second relay output – capabilities required to integrate multiple devices and monitor complex networks. The Sentinel PRO system monitors, delivers alarms, and datalogs input/output points from third-party Modbus sensors, transducers and programmable logic controllers (PLCs). The system supports Modbus RTU/485 and Modbus TCP.

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. 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.

"Sentinel PRO is ideal for water and wastewater professionals who need a convenient way to remotely monitor remote locations and equipment," said Dave DeFusco, vice president of engineering at Sensaphone. "By integrating devices, the system can immediately deliver critical system-wide information."

Sensaphone Products for the Water Treatment Industry

In addition to the Sentinel PRO system, Sensaphone will showcase its full line of remote monitoring systems for the water treatment industry including its SAT4D™, SCADA 3000™, Express II™, CELL682™ and 1400/1800 systems.

The SAT4D system communicates via satellite and is ideal for facilities in the most remote locations where telephone, Ethernet and cellular connections are unavailable. It can monitor up to four critical conditions 24/7, including tank floats, pump status, security, power failure and equipment malfunction. When an alarm occurs, the system sends notification to up to eight telephone numbers and six email or text messages.

The SCADA 3000 system monitors environmental conditions, controls pumps, calculates flow, records run times, generates reports and sends alarms to up 64 contacts by phone, email or text. Its expandable system will support up to 144 I/O points to meet the most demanding sites. The system communicates through RS-232, radio and phone lines.

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The Express II system is ideal for 24/7 monitoring of conditions such as pump failure and tank levels and is expandable to include up to 40 channels. The system can send alerts to up to 48 people with custom phone calls. It easily integrates with existing floats, pump alarm outputs and level transducers. The internal rechargeable battery backup provides 12 hours of continuous monitoring and alerts in the event of a power outage.

The CELL682 system communicates via standard cellular networks and is ideal for facilities in the most remote locations where telephone and Ethernet connections are unavailable. The system can monitor up to 14 critical conditions 24/7, including tank levels, turbidity, pump status, flow rates, security, power failure and equipment failure. If the system detects a potential problem, it sends alarm notification to up to 24 voice, text or email destinations.

The Sensaphone 1400 and 1800 systems are simple, convenient, cost-effective solutions ideal for smaller operations. The systems have four and eight external sensors, respectively, to monitor status conditions 24/7. They can immediately alert up to eight people with custom phone calls. The internal rechargeable battery backup provides 24 hours of continuous monitoring and alerts in the event of a power outage.

About WEFTEC®
WEFTEC®, the Water Environment Federation's Annual Technical Exhibition and Conference, is the biggest meeting of its kind in North America and offers thousands of water quality professionals from around the world the best water quality education and training available today. Also recognized as the world's largest annual water quality exhibition, WEFTEC's massive show floor provides unparalleled access to the field's most cutting-edge technologies and services. For more information about these events, visit http://www.weftec.org/.

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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