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Ultra Low Power Wireless Monitor from Semaphore Provides an Intelligent Solution for Remote Monitoring and Automation

NASHUA, NEW HAMPSHIRE – March 24, 2009 – [Semaphore](#), a CSE Global company, has introduced an intelligent, ultra-low power, Wireless Monitor that comprises a fully integrated solution for management of remote assets and processes. [T-BOX WM](#) extends advanced monitoring, automation and telemetry capabilities to installations requiring as few as one or two measurements.

The [T-BOX Wireless Monitor](#) is ideal for decentralized [SCADA system](#) applications, such as infrastructure management and mobile asset management, where its push and Web technologies enable high performance yet economical implementation and operation. T-BOX WM provides users real-time access to alarms, live information and historical data, anytime, anywhere, through a standard Web browser. Since [T-BOX](#) WM also supports e-mail and SMS text messaging, personnel can be kept fully up-to-date using a cell phone or PDA.

Designed for locations which lack a power source, T-BOX WM employs intelligent power management to allow operation using a small lithium battery. This ready-to-install solution is available in a variety of enclosures, such as an IP66 weatherproof housing, with internal single or dual lithium battery, and a communications device. The redundant battery significantly reduces risk of failure due—and necessity for a site visit—due to battery drain.

To reach all, point-of-use locations, T-BOX WM is available with a variety of wireless communications devices, including GSM cellular, CDMA cellular and spread spectrum radios. For land-line telephone networks, a PSTN modem is also available.

Unlike other solutions for remote monitoring, T-BOX WM further incorporates programmable automation capabilities. IEC 61131-3 Ladder Diagram, Basic and Microsoft Automation environments expedite configuration of automation tasks and custom calculations for virtually any remote asset or process.

According to the CSE-Semaphore team, “For asset management applications, this combination of technology is unprecedented. Project engineers are often faced with integration of three or more, separate devices for monitoring, automation and communications. The cost and scheduling implications can be prohibitive. With the T-BOX Wireless Monitor, Semaphore has eliminated those issues by extending a cost effective solution to numerous applications in both traditional and non-traditional markets.”

Semaphore’s connectivity and SCADA system products are ideal for a broad range of [remote monitoring](#) and control applications in the [broadcast/telecom](#), [infrastructure management](#), [oil & gas](#), [power](#), [transportation](#) and [water / wastewater](#) industries. For more information about Semaphore solutions, visit www.cse-semaphore.com, or contact Semaphore at 15B Charron Avenue, Nashua, NH 03063, 603-577-3803.

About Semaphore

Established in 2006, Semaphore was the result of a merger of two CSE Global companies, RTUnet, of Australia, and TechnoTrade SA, of Belgium. For over 20 years, these companies have provided leading solutions for telemetry, automation, and remote monitoring and have an installed base of more than 70,000 devices. For more information, visit www.cse-semaphore.com.

Semaphore is a wholly owned subsidiary of CSE-Global Limited (CSE), a Singapore-based, industrial integration, manufacturing and distribution group with locations in 20 countries. CSE employs more than 1,000 people worldwide, with over 85% representing its design, engineering, and project management capability and experience. For more information, visit www.cse-global.com.