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## **Semaphore adds 1-Wire Interface to SCADA RTU Product Line**

NASHUA, NEW HAMPSHIRE – September 24, 2008 – [Semaphore](#), a CSE Global company, has introduced a 1-Wire® interface for its [T-BOX](#) line of [SCADA system](#) products. This interface is compatible with a [T-BOX MS Modular System](#), when equipped with a 32-bit CPU.

1-Wire is a half duplex communications network that uses a single wire to provide data transmission and power. 1-Wire provides access to a wide range of small, inexpensive sensor devices, which are used in energy management, infrastructure management, and environmental monitoring applications.

Semaphore has developed 1-Wire communications compatibility with support for two products from Maxim Integrated Products, Dallas Semiconductor. The DS18S20 is a high-precision, digital thermometer that includes an alarm function. It is appropriate to applications in HVAC environmental controls, temperature monitoring in buildings, machines and mobile assets, and process monitoring and control systems. The DS2438 is a smart battery monitor with on-chip temperature sensing. It is designed for use in battery packs for portable equipment with temperature, current and voltage measurement requirements.

The combination of T-BOX and 1-Wire devices is particularly applicable to infrastructure management and mobile asset management. In addition to process control, T-BOX performs alarm management and data logging and uses push technology to keep multiple recipients fully informed on the status of all assets. Push messaging includes IP forwarding, e-mail with attached files, and SMS text. Via an integral web server, T-BOX serves live and historical information on the Internet or an intranet.

T-BOX is the first, IP-based telemetry solution that enables the complete integration of [SCADA](#), control and communications functionality in one rugged package. It leverages easy-to-use Web technologies and inexpensive public networks for decentralized monitoring and control systems. T-BOX products offer up to 50% less total installed cost per point versus traditional SCADA/PLC systems and permit greater organizational access to data through automated reporting and browser software.

Semaphore's T-BOX RTU products are ideal for a broad range of monitoring and control applications in the broadcast, infrastructure management, oil & gas, power, transportation and water treatment and distribution industries.

For more information about Semaphore SCADA solutions, visit [www.cse-semaphore.com](http://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 more than 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](http://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](http://www.cse-global.com).

1-Wire is a registered trademark of Maxim Integrated Products, Inc.