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Semaphore releases Security Industry Association Standard Protocol for SCADA RTU Product Line

NASHUA, NEW HAMPSHIRE – January 16, 2009 – Semaphore, a CSE Global company, has introduced ANSI/SIA DC-09-2007 Internet Protocol Event Reporting for its [T-BOX](#) line of [SCADA system](#) products. This protocol is now available with a [T-BOX MS Modular System](#), when equipped with a 32-bit CPU.

As described by the [Security Industry Association](#) (SIA): “This voluntary standard details the protocol to report events from premises equipment to a central station using Internet Protocol (IP). Intended for use by manufacturers of control panels and central station receivers to ensure equipment compatibility, this standard also affects security system installers, specifiers and users of central stations and local authorities dealing with compatibility issues.”(1)

ANSI/SIA DC-09-2007 further enhances the strong IP capabilities and security measures Semaphore has incorporated in the T-BOX [RTU](#) product line. It provides encrypted, acknowledged and time-stamped event data and allows communication over a variety of physical networks, such as Ethernet, serial line (SLIP/PPP) and GPRS.

The combination of T-BOX and ANSI/SIA DC-09-2007 is particularly applicable to infrastructure management and mobile asset management applications. In addition to automation, 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, 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.

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.

(1) <https://www.siaonline.org/news/showPR0f03.html?ID=1821>