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Semaphore Briefs describe RTU Applications for Natural Gas Production and Utility Operations

LAKE MARY, FLORIDA – June 30, 2010 – [Semaphore](#), a CSE Global company, has released two technical documents with information on applications of T-BOX ultra–low-power [RTU](#) products for SCADA applications. [T-BOX](#) brings new technology to automation and monitoring of processes in natural gas production operations and distribution utilities.

The “[Oil and Gas Well Monitoring using T-BOX](#)” brief describes how the T-BOX product family cost-effectively monitors and automates a broad variety of production processes. The ultra-low-power Wireless Monitor platform runs on batteries and minimizes networking costs by using push technology to report on exception over public networks. For larger processes, T-BOX LP and LT models provide larger I/O counts and communication options while running on solar power.

The “[Gas Utility Monitoring using T-BOX](#)” brief describes how T-BOX Wireless Monitor capabilities for live monitoring, alarm management and historical report generation enhance service to the end customer while streamlining maintenance in pressure monitoring, regulators and metering applications.

In all applications, an integrated RTU solution manages input measurements and a broad range of communications devices to efficiently allow access to all locations. T-BOX extends advanced IP communications, an integral web server, and push technology to comprise a very informative monitoring system. T-BOX further incorporates very flexible, programmable automation in IEC 61131-3 Ladder Diagram, Basic and Microsoft Automation.

The documents are available on the Semaphore website, www.cse-semaphore.com.

T-BOX is the first IP-based telemetry solution that enables the complete integration of [SCADA system](#) 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 and [Kingfisher](#) RTU products are ideal for a broad range of 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 1200 Chantry Place, Lake Mary, FL 32746, 407-333-3235.

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.