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Semaphore adds SNMP Driver to RTU Product Lines

NASHUA, NEW HAMPSHIRE – January 15, 2008 – Semaphore, a CSE Global company, has introduced firmware updates that allow its [Kingfisher](#) and [T-BOX](#) RTU [SCADA system](#) products to communicate using the Simple Network Management Protocol (SNMP). The inclusion of SNMP allows Semaphore RTUs to participate in network monitoring and management functions that are widely used in the information technology (IT) and broadcast industries.

The Kingfisher RTU line provides many advanced features for SCADA system solutions, including redundant configurations, intelligent I/O, and open programming that is compliant with IEC 61131-3. Kingfisher is also the first RTU product line that is compliant with IEC 61499, the distributed processing and interoperability extension to IEC 61131-3. Kingfisher systems are particularly well suited to large, demanding measurement and control applications that employ central stations.

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% lower total installed cost per point versus traditional SCADA/PLC systems and permit greater organizational access to data through automated reporting and browser software.

With support for SNMP client and trap implementations by way of function blocks in the IEC 61131-3 environment, applications programmers can readily configure the RTU to interrogate network devices and perform network monitoring and management functions via SNMP. The

Semaphore SNMP daemon implementation additionally incorporates a dedicated management information base (MIB) that defines objects such as current RTU system settings, date and time, last configuration date and system uptime to be queried of the RTU.

Semaphore's Kingfisher and 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 / wastewater 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.