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## **Semaphore and LEM Announce Interface Between T-BOX line of SCADA System Products and Sentinel Sensor**

**Lake Mary, FL** – January 26, 2010 – [Semaphore](#), a CSE Global company, and [LEM](#), the world’s leading manufacturer of isolated current and voltage measurement components introduced an interface between Semaphore’s [T-BOX RTU](#) line of [SCADA system](#) products and LEM’s [Sentinel](#) sensor.

The interface combines Sentinel’s critical [Standby Battery Management](#) (SBM) with the “push” messaging capabilities of the T-BOX [RTU](#). LEM has further introduced “S-Box,” which is a branded T-BOX LT model that is integral to the Sentinel network architecture. An S-Box communicates with up to 254 Sentinel sensors, and provides connections via LAN and Internet for transmission of alarms and periodic status information.

“We are thrilled with the opportunity to deliver this innovative solution with Semaphore,” said Loic Moreau, Business Segment Manager, Energy and Automation, LEM. “LEM is in a unique position to shape the future of affordable, high-quality continuous battery monitoring worldwide, and this collaboration is another step towards meeting the challenge.”

T-BOX is the first IP-based telemetry solution that enables the complete integration of [SCADA](#) control and communications functionality in one rugged package. T-BOX can keep multiple recipients informed of alarms, live process conditions, and historical information via e-mail, FTP, and SMS text messaging while leveraging easy-to-use Web technologies and inexpensive public networks for decentralized monitoring and control systems. T-BOX products offer up to 50-percent less total installed cost per point versus traditional SCADA/PLC systems and permit greater organizational access to data through automated reporting and browser software.

LEM's Sentinel SBM is the most comprehensive battery monitoring sensor designed for monitoring standby batteries. The sensor measures voltage and impedance per bloc, and offers the unique ability to monitor the internal temperature of individual blocs. Monitoring standby batteries increases the life, performance, and reliability of systems providing backup power in applications such as industrial UPSs, telecommunications, utility, safety-critical systems and computing dramatically.

### **LEM – At the heart of power electronics**

LEM is the global leader in providing innovative and high quality solutions for measuring electrical parameters. Its current and voltage transducers are used in a broad range of applications in industrial, traction, energy and automation and automotive markets. LEM is a high growth global company with approximately 950 employees worldwide. It has production plants in Geneva (Switzerland), Copenhagen (Denmark), Machida (Japan), Beijing (China) and regional sales offices close to its customers' locations. LEM has been listed on the SIX Swiss Exchange since 1986; the company's ticker symbol is LEHN.

### **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).