

CSE Semaphore Inc.  
1200 Chantry Place  
Lake Mary, Florida 32746  
Telephone: (+1) 407-333-3235  
FAX: (+1) 407-386-6284

**Contact:** Kevin L. Finnan, CSE-Semaphore, 860-618-0293 or kevinf@cse-semaphore.com;  
Jennifer Guimond, Tiziani Whitmyre, 781-793-9380 or jguimond@tizinc.com

## **Semaphore Introduces New Capabilities in Kingfisher RTU Product Line**

LAKE MARY, FLORIDA – April 29, 2010 – [Semaphore](#), a CSE Global company, has announced the first shipments of new, enhanced [Kingfisher](#) SCADA firmware. The firmware brings advanced capabilities to all Kingfisher [SCADA system](#) RTU products.

Enhanced features of release 2285 include image capture in conjunction with an IP camera, network time protocol (NTP) client functionality, and support for more than 150,000 events. The image capture function allows for storage of video images in DNP3 file transfer space and forwarding using DNP3 file transfer protocol.

This firmware release also adds Secure DNP3 authentication for DNP3 master operations. Image capture and Secure DNP3 authentication represent a number of features in Semaphore's security initiative for its [RTU](#) product line. Those initiatives comprise cyber security and physical security functions to ensure security for the SCADA system, as well as the assets and processes it manages.

Semaphore's 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 and IEC 61499. The contemporary Kingfisher product line includes the Kingfisher Plus and G30 models.

Kingfisher Plus is an advanced, modular RTU that offers expansion up to 1000 I/O points. The G30 is a compact RTU that extends the full capabilities of Semaphore's Kingfisher Plus product line to small SCADA system applications requiring up to 32 I/O points. Kingfisher RTU systems are well suited to large, demanding measurement and control applications.

Semaphore's 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](http://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](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).