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Semaphore Announces Hazardous Area Approvals for Kingfisher G30 RTU

NASHUA, NEW HAMPSHIRE – October 15, 2008 – [Semaphore](#), a CSE Global company, has obtained Class I, Division 2 hazardous area approvals for its Kingfisher G30 compact, [remote terminal unit](#).

The G30 RTU has successfully completed the MET certification process for safety standards UL 1604, Electrical Equipment for Use in Class I and Class II, Division 2, and Class III Hazardous (Classified) Locations; and CSA 22.2 No. 213-M1987, Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations.

The G30 [SCADA system](#) 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. Like Kingfisher PLUS+, the G30 RTU uses ISaGRAF open programming in all five languages specified by IEC 61131-3 and supports IEC 61499, the distributed processing and interoperability extension to 61131-3. An extensive library of function blocks that include applications such as AGA flow calculations is further provided.

The Kingfisher G30 RTU introduces advanced capabilities, normally found only in much larger products, into a compact RTU that is cost effective for small installations. The G30 RTU has been specifically designed to meet the needs of customers with significantly increasing demands for processing power, data storage and communications capabilities.

The 32-bit, ARM9 main processor ensures there is horsepower to meet the needs of intensive applications. A memory system with 32 Mbytes of SDRAM and 16 Mbytes of Flash allows for

high-speed data logging over extended periods. Integral communications include 10/100 BaseT Ethernet, USB 2.0 and an on-board module that provides flexible communications options.

By employing an ARM 7 processor on an intelligent I/O module, the Kingfisher G30 RTU can process inputs and outputs on a 1 ms interval with full sequence-of-events monitoring. It also provides high-resolution input acquisition, failsafe output modes, high-speed counting and pulse generation.

Unlike the “brick” style products in its class, the Kingfisher G30 RTU uses configurable modules for communications, I/O and AC or DC power. The modules provide the user considerable flexibility in meeting applications requirements and enable future upgrades.

The Kingfisher G30 RTU is ideal for applications in the oil and gas, power, telecom/broadcast, transportation and water/wastewater markets. This product is now available for immediate shipment from Semaphore.

For more information about Semaphore 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 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.