## SEGGER introduces emModbus, connecting industrial devices

Hilden, Germany – February 24th, 2014

SEGGER introduces the Modbus protocol stack emModbus. Modbus is an open, mature, and straight forward protocol designed to connect industrial devices. SEGGER's implementation of the Modbus protocol enables communication with any other Modbus compliant device. emModbus supports communication via UART (ASCII, RTU) and Ethernet (Modbus/TCP and Modbus/UDP). Multiple interfaces in the same product are supported. Master and slave protocols are supported and can be used in the same product. Each Interface can be configured at runtime making it possible to build a pretested library which then may be deployed in multiple projects.

emModbus follows the same strict coding standards that enable SEGGER to create highly efficient middleware. The emModbus stack has a very small memory footprint, below 4 kByte code size, and needs less than 1 kByte of RAM including buffers. The C code is completely portable and runs on any target. Using the OS abstraction layer any RTOS can be used with emModbus. emModbus can be used completely without an RTOS as well.

More information on emModbus is available at: http://www.segger.com/emmodbus.html

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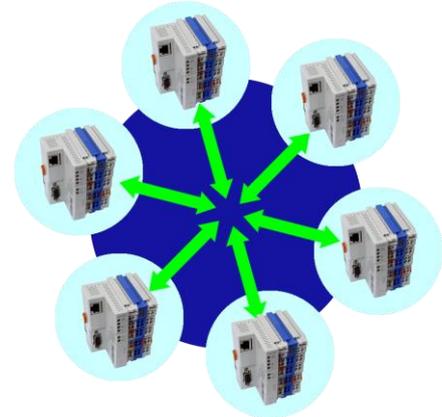
About SEGGER

SEGGER Microcontroller develops and distributes hardware and software development tools as well as software components for embedded systems. An "embedded system" is one in which a microprocessor and associated components are incorporated into a device helping to accomplish difficult and complex tasks in products such as cell phones, medical instruments, instrument clusters, measurement instruments, satellite radios, digital cameras etc.

SEGGER was founded in 1997, is privately held, and is growing steadily. Based in Hilden with distributors in all continents and a local office in Massachusetts, SEGGER offers its full product range worldwide.

SEGGER software products include: embOS (RTOS), emWin (GUI), emFile (File System), emUSB (USB host and device stack) and embOS/IP (TCP/IP stack). With the experience in programming efficiently on embedded systems, SEGGER created highly integrated, cost-effective programming and development tools, such as the Flasher (stand-alone flash programmer) and the industry leading J-Link/J-Trace emulator.

SEGGER cuts software development time for embedded applications by offering affordable, high quality, flexible and easy-to-use tools and software components allowing developers to focus on their applications. Find out more at http://www.segger.com.

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