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Snijder Micro Systems releases second generation Embedded Java™ Controller

Deurne, The Netherlands, September 6, 2004 – Snijder Micro Systems today announced the public release of the second generation of their Embedded Java™ Controller (EJC®) product line, codenamed EC200.

The EJC is a family of embedded controllers that implement a full-fledged Java platform for network-enabled and standalone applications. The new EC200 modules provide an Ethernet based connection to the Internet and numerous interfacing possibilities including graphic LCD display, digital I/O, analog inputs, high speed serial ports, dual I2C bus, Dallas 1-Wire, etc. The software integrates Tao Group's intent® technology, featuring an advanced Real Time Operating System and a Sun-certified Java Virtual Machine (JVM) that combines unrivalled performance with minimal footprint, due to the tight integration between kernel and JVM and to the advanced translation technology which compiles all Java bytecode to native code before execution. Java APIs are provided for efficient access to hardware resources such as I/O ports, system memory and memory-mapped devices, interrupts, and onboard peripherals. This allows developers to adopt an all-in-one approach where applications, system components, and even device drivers can be written entirely in Java, without compromising on flexibility or performance.

The EC200 series further pursues the innovative and successful concept that was originally introduced by the first EJC controllers in 2001. With a twenty-fold performance boost, more memory, extended functionality and connectivity, industrial temperature range, and ultra-low power consumption, the second generation EJC represents a vast improvement over a well-proven design.

New features include an integrated, fully programmable slave microcontroller that can be used to extend the module's possibilities with new functionality, or to offload the main CPU by taking care of process-intensive I/O, thus making the new module a perfect fit for hard real-time applications. The optional onboard NAND flash provides up to 256 MB of solid-state data storage for application code and data. An integrated LCD controller can directly interface to most QVGA panels and supports up to 4096 colours onscreen. Connection of a touch screen controller is also possible. The enhanced graphics capabilities, small dimensions, and low power consumption of the EC200 modules make them especially suitable for mobile applications. Other target markets include automotive/transportation, industrial process control and automation, and medical equipment, to name a few.

Pricing and availability:

EC200 modules are available now. Pricing depends heavily on volume, going down to EUR139 at 10K quantities (standard configuration). All prices already include licensing costs and royalties for the OS, JVM, and runtime libraries. Please contact Snijder Micro Systems for detailed pricing information.

About Snijder Micro Systems:

Founded in 1986, Snijder Micro Systems is a front runner in industrial automation. Snijder Micro Systems is using industry-leading technology to design tailor-made solutions and customisable products, featuring an object oriented RTOS and high-performance JVM. The main development goal at Snijder Micro Systems is to conquer the complexity of designing and maintaining a general-purpose Java platform and provide a ready-to-use product to OEMs and embedded system integrators. For further information, please visit Snijder Micro System's web site at: http://www.snijder.com/

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