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Socionext to Showcase a Range of its Latest Technologies at Embedded World 2018

Langen/Germany, and Linz/Austria, 29. January, 2018 --- Socionext Inc., Socionext Europe and Socionext Embedded Software Austria will showcase latest technologies at Embedded World, Nuremberg, Germany, from February 27 to March 1.

http://www.embedded-world.de/en

Socionext Inc. and Socionext Europe will be in Hall 3A, Booth 119.

Socionext Embedded Software Austria will be in Hall 4, Booth 4-479.

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Exhibition&Conference
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IoT & Graphics Technologies

The range of IoT and Graphics technologies on display include Socionext's next generation, **high-performance graphics display controller "SC1701"** designed for in-vehicle remote display applications based on the SEERIS® Graphics Processor. This exciting new device meets the increasing demands in the automotive market for 4K resolution video and high-speed data connectivity up to 12 Gbps.

The ability to see clearly around a vehicle is ensured with the **360° Wrap-Around View System**, based on the new Socionext Graphics SoC **"SC1810"** series. Images from up to six cameras create a true 3D hemispheric view of a vehicle's surroundings with users able to selectively view images. Important for in-vehicle driver assistance and infotainment systems is the **Socionext 3D Acoustic Surround Sound Technology** which enhances a driver's experience with audible navigation assistance as well as warning of impending dangers.

Imaging Technologies

Leading-edge high-quality imaging applications powered by Socionext's Milbeaut® technology will also be on display. Milbeaut image signal processors provide high-resolution and high-quality imaging due to their high-definition image pipelines, fast processing speeds and low power consumption. The demonstrations at the Embedded World 2018 will include a surveillance camera solution, which is seeing rapid market growth worldwide. The solution will feature the **"SC2002"** processor, which delivers great picture quality even in low light environments, making it ideal for the security applications.

For Press Inquiry

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Industry 4.0 Technology

A highlight at the show will be a demonstration of the Socionext **Industrial Ethernet Processor (IEP)** which is a key component for Industry 4.0. The **IEP** supports Time Sensitive Network (TSN) and realizes deterministic Ethernet. It is also possible to support different industrial Ethernet protocols at low latency. The IEP will be available as an IP block for ASIC. ASSP implementation is also planned.

AI accelerator on SynQuacer™ Series

Socionext will showcase **SynQuacer E-series,** which is the native development kit for Arm 64bit multi-core. Software developed on this kit can easily be used on Arm-based systems. Combined with an AI accelerator chip, this kit can be a stand-alone AI software evaluation tool, as well as a trial kit to establish new cognitive computing on a particular data set. For real use cases of IT system implementation, Socionext offers "**SynQuacer S-series**", a hyperscale Arm server which allows attachment of the same AI accelerator chips to each CPU card.

These are just some of the latest technologies that will be showcased at Embedded World in Hall 3A, Booth 119.

Socionext Embedded Software Austria is presenting the latest technology at Embedded HMI design on Booth 4-479 in Hall 4. SESA will showcase different innovative solutions that perfectly match the current HMI and GUI trends. Demonstrations will include a range of invehicle solutions, such as the Cecil hypervisor HMI demo, a functional safety demo, a CGI Studio Android demo and many more. Wednesday 28, at 11:30am, SESA will also be available at the Embedded World exhibitor's forum in Hall 4 discussing current trends in development and usage of automotive HMI.

About Socionext Europe GmbH

Socionext Europe plays a major role in the worldwide activities of Socionext Inc. from its headquarters in Langen, near Frankfurt (Germany) and offices in Neuried/Munich (Germany), Braunschweig (Germany), Maidenhead (UK), Swindon (UK), Linz (Austria) and Istanbul (Turkey). In Europe, our focus is on imaging, networking and computing technologies for a wide range of applications.
For more information, visit eu.socionext.com

About Socionext Embedded Software Austria GmbH

Socionext Embedded Software Austria GmbH in Linz (SESA) is a leading HMI tool provider and development partner for worldwide automotive, industrial, and telecommunication customers. SESA supports its customers with the CGI Studio tool environment as well as provision of software services mainly in the areas of HMI development and embedded software. SESA's activities are driven by its close customer relationships and strong concentration on customers' needs.
For more information, visit cgistudio.at

About Socionext Inc.

Socionext is an innovative enterprise that designs, develops and delivers System-on-Chip products to customers worldwide. The company is focused on imaging, networking and other dynamic technologies that drive today's leading-edge applications. Socionext combines world-class expertise, experience, and an extensive IP portfolio to provide exceptional solutions and ensure a better quality of experience for customers. Founded in 2015, Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its product development and sales activities.

For more information, visit socionext.com