

Socionext to Demonstrate Latest Automotive Technologies and Solutions at the International VDI Congress 'ELIV'

Langen/Germany, September 4, 2017 --- Socionext Inc. will be showcasing its latest Automotive Technologies and Solutions at the International VDI Congress 'ELIV' (Electronics In Vehicles) on Booth no. 39, at World Conference Center in Bonn (Germany), October 18–19.

Demonstrations will include a range of in-vehicle solutions including:

Functional Safety

ViGO, a Remote Display Demonstration showing an enhanced Functional Safety concept, for future system architectures for both driver instrumentation and information systems. High speed display link with full duplex communications supporting touch displays is the key function of the MB88F33x graphics display family.

New Graphics SoC SC1810

The new Graphics SoC SC1810 which will be demonstrated at the Show manages a variety of information from inside and outside the car and controls multiple displays, with higher definition and image quality. In addition to further strengthening the graphics functions for in-vehicle display systems, the SoC contains the World's first OpenVX compliant Image Recognition.

360° Wrap-Around View System

The 360° Wrap-Around View System which is the solution for meeting the increasing safety requirement, to monitor a vehicle's surroundings. This will be demonstrated with the use of a drone.

HMI Development Tool and Technology

The latest CGI Studio HMI development tool and technology will be demonstrated showing CECIL, an Interactive IVI & Cluster, and the latest version of Scene Composer, which will show how a 2D/3D scene can be created.

HEVC Video CODEC

The MB8AL203x is a highly integrated HD multi-format digital decoder and H.264 encoder. It is ideal for multimedia applications such as in-car TV-reception units, infotainment/entertainment

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systems and generic Set-Top Box systems. The demonstration includes HEVC 1080p Video Decoding and Playback.

Other products at the Show include Audio Alert for driver monitoring and assistance, and SEERIS® Graphics Engine IP, a scalable building block concept for graphics, display and capture.



Fig 1: ViGO | Remote Display Demonstrator Showing Functional Safety

[view larger image](#)

About Socionext Europe

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 technology for a wide range of applications.

For more information, visit eu.socionext.com

About SESA

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 a new, innovative enterprise that designs, develops and delivers System-on-Chip products to customers worldwide. The company is focused on imaging, networking, computing 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.

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