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for better quality of experience

Socionext to Showcase Advanced Image Processing Technologies at ISC West in Las Vegas Apr. 11–13

Leading-Edge Image Signal Processors, Edge Server and Partners' Solutions Ideal for Video Monitoring, Surveillance and Security Camera Applications

SUNNYVALE, Calif., March 29, 2018 --- Socionext Inc., a world leader in advanced image processing technology, and partners will feature a spectacular lineup of ultra-compact, low-power, high-quality imaging technology and solutions featuring the company's Milbeaut® series of image signal processors and edge server for security, surveillance and video monitoring systems at the annual ISC West - International Security Conference in Las Vegas April 11 – 13, booth 32107.

Partnership with Security and Surveillance Systems Experts
At ISC West, Socionext will exhibit a lineup of market-ready solutions for surveillance and security camera systems powered by Milbeaut image signal processors. The demonstrations will be delivered in collaboration with various industry-leading partners including Axxonsoft (Russia), DeepVision (USA), Edimax (Taiwan), e-globaledge (Japan), Finetree (Korea), LLVISION (China), Primax (Taiwan), and VHT (Korea).

High-Performance Image Processor for Security Camera Applications
Featured in these demonstrations is the SC2002 image processor, nicknamed "M11S", powered by the ARM® Cortex-A9 Dual 600MHz CPU. The chip is equipped with a high-performance DSP with built-in intelligence, which enables a wide-range of video monitoring and security camera systems optimized for crime prevention. It also incorporates the world's best 3DNR (Three-Dimensional Noise Reduction) and the WDR (Wide Dynamic Range) functionalities for capturing high-quality images under low light conditions. The SC2002 also achieves ultra-low power and consumes only 1.5W in typical operating conditions.

Full-Featured 4K Image Processor with Proprietary Image Processing Algorithm
Socionext will also feature the SC2000, or "M10V" series, with all the bells and whistles including Socionext's proprietary Milbeaut image processing algorithm while simultaneously achieving the optimum combination of high performance and low power consumption. The advanced functionalities of the SC2000 include the digital signal processor optimized for computer vision, image stabilization technology which does not require mechanical gimbals, as well as rolling shutter correction.

Hybrid Codec Edge Server for Surveillance Applications

Socionext will showcase a transcoding system based on the company's innovative "hybrid codec" module M820, equipped with the MB86M30 multi format codec and the SC2A11 multi-core processor. The M820 supports industry-standard multimedia framework FFmpeg, and provides high-density video transcoding functions to data center servers with outstanding efficiency.

In addition to superior processing performance and low power consumption, the M820 can generate various kinds of meta-data useful for a wide range of applications from IoT gateway to edge computing and large-scale processing in the cloud.

For ISC West 2018 website and programs, visit http://www.iscwest.com/Show-Info/

Click here for more information on the "M11S" SC2002
Click here for more information on the "M10V" SC2000
Click here for more information on the M820 Hybrid Codec Edge Server

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 product information, visit the company's website at http:/socionextus.com, e-mail sna_inquiry@us.socionext.com or call 1-844-680-3453. For company news and updates, connect with us on Twitter (https://www.twitter.com/socionextus) and Facebook (https://www.facebook.com/socionextus)

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