

Socionext Highlights Advanced Video Codec Solutions at NAB 2019

High-performance products for 4K ABR Live Streaming, 8K Post Production, and Cloud-based Encoding Optimized for Service Providers and Broadcasters

Yokohama, March 20, 2019 --- Socionext Inc., a global expert in leading-edge video codecs, systems and IP video distribution technologies, will showcase a complete set of professional IP video distribution and broadcast solutions for content and service providers at the annual NAB Show at the Las Vegas Convention Center April 8-11.

At booth SU13614 in the South Hall's upper level, Socionext will feature a wide range of cost-effective, high-efficiency H.264/HEVC codec solutions for both on-premises and cloud-based systems.

High-Performance 4K ABR Video Distribution System

Socionext will be demonstrating a powerful 4K Adaptive Bit Rate (ABR) video content distribution system comprised of the company's leading-edge 4K/HEVC low-latency "X500E" encoder and the "M820L" media accelerators. Both X500E and M820L are off the shelf, cost effective products that enable 4K live capturing and streaming to wide range of display platforms including smartphone, set top box and 4K TV. The demonstration with X500E and M820L will show a practical system of IP video distribution with 4K live contents.

8K Video Encoding and Decoding Solution

At this year's NAB, Socionext will showcase "M820L-8K" video encoding accelerator using the company's M820L media accelerator optimized for 8K file encoding suitable for 8K post production. M820L-8K provides high quality and high performance 8K encoding with easy-to-use user interface that dramatically improves 8K production efficiency.

Along with the M820L-8K video encoding accelerator, Socionext will feature the world's leading compact, lightweight, low-power "s8" 8K media player that performs local media playback of 8K60p/HEVC contents in real-time.

Cloud-based Encoding Solution

In addition to on-premises solutions provided by X500E and M820L, Socionext is developing solutions using public cloud to meet the expanding market demands.

Socionext, being the pioneer to feature such services, will showcase a H.264 encoding accelerator using FPGA for public cloud services. This flexible codec accelerator combines the power of CPU and FPGA on the cloud for processing VOD-level high-quality image encoding with 120fps@1080p

Press Inquiry

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resolution that can be used for applications such as IP distribution and post production. With this solution, Socionext is able to greatly reduce video distribution and production costs.

Moreover, Socionext will showcase a cloud-based encoder solution for next-generation AV1 codec.

For more information about NAB show, visit: <http://www.nabshow.com>

M820L Product Information:

<http://www.socionext.com/en/products/assp/h264h265/M820L/>

s8 Product Information:

<http://www.socionext.com/en/products/assp/s8/>

About Socionext Inc.

Socionext is a global, innovative enterprise that designs, develops and delivers System-on-Chip based solutions 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 www.socionext.com

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