

V-Nova announces availability of PERSEUS Plus for Socionext high performance processor

- V-Nova PERSEUS Plus SDK is available on Socionext's multi-core processor SC2A11 for security and broadcast applications
- The joint solution builds on the compression performance of PERSEUS Plus and the density and power-efficiency of Socionext devices to provide unbeatable quality per Watt
- PERSEUS Plus enables video to be transmitted at half the bitrate of existing H.264/HEVC solutions and with no reduction in picture quality

London, UK, 10. September, 2018 – V-Nova, a leading provider of video compression solutions, today announced the availability of its PERSEUS Plus SDK for the Socionext security and broadcast solutions based on its [SC2A11](#) processor. The joint solution leverages both the compression performance of PERSEUS Plus and the density and power-efficiency of Socionext processor. V-Nova will highlight the power of this integration at IBC 2018 in Amsterdam (September 13-18) on booth 14.C36.

In a broadcast environment, the joint solution enables operators, service providers, and transcoding equipment manufacturers to build and deploy the most efficient and cost-effective encoding and transcoding solution on the market. Unlike h.264 or HEVC, PERSEUS Plus enables delivery to all devices even in bandwidth constrained conditions. On a sample 2U server with 32x CPU cards loaded, a complete ABR ladder for twenty full HD 1080p60 PERSEUS Plus-enabled channels can be encoded, in real-time, at 300W compared to using 2x 4U appliances consuming over 4KW for lower picture quality.

In a security environment - where many operators are constrained by bandwidth between the remote surveillance locations and the operations centre, limiting the number of concurrent CCTV feeds that can be sent back over a given link. This solution enables equipment manufacturers to increase the number of feeds while ensuring no breakup in video quality even during complex pan and tilt or motion.

"Socionext and V-Nova have been working very closely to develop the best solutions for the mission critical applications of security operators and broadcasters worldwide," said Tom Miyake, Corporate

For Press Inquiry

BlueBadger Ltd
Annie Shinn
Tel: +44-(0)1959-580308
E-mail: annie@bluebadger.eu

Socionext Europe GmbH
Mark Ellins
+49-6103-3745-382
mark.ellins@socionext.com

Executive Vice President of Socionext Inc., “Leveraging the outstanding capabilities of our processor with V-Nova’s world class expertise in video codec technology, we will continue to deliver innovative and advanced solutions for customers worldwide.”

“We’re thrilled to have worked with Socionext in rapidly delivering a solution that achieves superior image quality performance and unbeatable encoding density, both attributes which are highly valued by our customers,” said Guido Meardi, CEO and co-founder at V-Nova. “The availability of PERSEUS Plus on Socionext chips further adds to the wide range of readily-deployable solutions for streaming to all devices and browsers and is another example of why PERSEUS Plus is the only next-generation codec ready for large-scale deployment today.”

PERSEUS Plus is available as an SDK, readily integrated in many open source components such as FFmpeg, and third-party vendor products. This allows operators, service providers, system integrators and online video platform providers to easily integrate and deploy PERSEUS technology on existing ecosystems for the delivery of high-quality full HD video over bandwidth constrained networks.

About V-Nova

V-Nova Ltd. is a London-headquartered technology company providing next-generation compression solutions that address the ever-growing media processing and delivery challenges. V-Nova provides solutions spanning the entire media delivery chain, including content production, contribution, storage and distribution to end users. V-Nova’s award-winning PERSEUS™ is the only cross-media codec format and delivers on the promises of next-generation image and video compression, today. Using PERSEUS technology, media and entertainment companies can now monetise unmet consumer demand for higher definition video everywhere, on existing devices and infrastructure, with a simple software upgrade.

The PERSEUS technology works in 2 ways: PERSEUS Pro is an Intra codec for mathematically lossless and visually lossless professional production, contribution and imaging workflows. PERSEUS Plus is a temporal codec designed to enhance a base codec such as H.264, HEVC or AV1 adding additional layers of detail for unbeatable distribution efficiency to consumers.

For more information please visit www.v-nova.com

Press contact:

Becky Taylor

Page Melia

Tel: +44 7810 846364

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](https://www.socionext.com).

All company or product names mentioned herein are trademarks or registered trademarks of their respective owners. Information provided in this press release is accurate at time of publication and is subject to change without advance notice.