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FotoNation and Socionext Partner to Deliver Enhanced Electronic Image Stabilization Technology for On-the-Move Video

Hybrid Hardware Plus Software Enabled Power-Efficient, GPU-Free, Video Stabilization Solution to Demo at Embedded Vision Summit 2016

SAN JOSE, Calif.--(BUSINESS WIRE)-- FotoNation Limited, a wholly owned subsidiary of Tessera Technologies, Inc. (NASDAQ:TSRA) and the leading provider of computational imaging and computer vision solutions and Socionext Inc, a new leader in advanced SoCs for imaging applications, announced today a long-term strategic partnership to deliver a new, fully-customizable, low power, Electronic Image Stabilization (EIS) hardware and software solution, that delivers rock solid video stability for 'on-the-move' video devices, including drones, action cameras, and wearables.

This state-of-the-art EIS solution delivers an energy-efficient, GPU-free chipset that can process HD and 4K-ready video at up to 60 frames-per-second, enabling video that is practically immune to platform motion and vibration, while also correcting for distortions caused by wide-angle lenses commonly found in drones and action cameras. Using the Socionext MB86S27 compact image processor, along with FotoNation's powerful computational imaging algorithms, this solution is able to deliver production-ready 4Kp30 video, while also distinguishing between large, deliberate motions of the imaging platform and smaller vibrations and oscillations that ruin video quality and disrupts editing and other post-production processing operations. The solution is fully customizable for a variety of applications.

"Rapid growths in the use of recreational action cameras and video drones has created tremendous new demand for video stabilization solutions capable of neutralizing vibrations while filming," said Sumat Mehra, senior vice president of marketing and business development at FotoNation. "This joint EIS solution developed by FotoNation and Socionext acts as a digital gimbal, and delivers stable images in 'on-the-move' video capture situations such as in drones and action cameras while also significantly reducing camera weight and power consumption."

"Our strategic partnership with FotoNation delivers a first-of-its-kind EIS solution to the market," said Satoru Komatsu, head of Milbeaut products business unit, Socionext. "The combination of Socionext's chipsets with FotoNation's computational imaging algorithms will enable powerful, lightweight solutions that deliver crystal clear, stable video in a variety of applications."

FotoNation will demonstrate these new EIS solutions at the upcoming [Embedded Vision Summit](#), taking place May 2-4 at the Santa Clara Convention Center, Santa Clara, Calif. At the show, Petronel Bigioi, senior vice president of engineering and general manager of FotoNation, will be a featured speaker. His presentation, titled [Digital Gimbal: Rock-Steady Video Stabilization without Extra Weight](#), will demonstrate how FotoNation's EIS technologies enable engineers to eliminate mechanical gimbals from designs. The presentation will take place on Tuesday, May 3 at 4:15 pm.

For more information on this and other FotoNation solutions, visit www.fotonation.com.

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 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

About FotoNation

FotoNation is giving life to computational imaging by merging technology with emotion. With technology in more than 60 % of global tier-one smartphones, FotoNation develops technologies that serve the computational imaging space for handsets and cameras, as well as the automotive, surveillance, security, and augmented reality markets. We create, innovate and deliver the next generation of computational imaging algorithms. We engineer new ways to reach the highest possible performance while keeping system requirements to a minimum. We have a long history of innovating and advancing the state of the art in image processing. More than a decade ago, we were the first to integrate a computational imaging solution in an embedded mobile device. Today, FotoNation remains the leader in computational photography and computer

vision. Nearly 2 billion digital cameras and smart devices are powered by the imaging technologies designed by the sharp minds and passionate hearts of FotoNation engineers. For more information visit www.fotonation.com.

About Tessera Technologies, Inc.

Tessera Technologies, Inc., including its Invensas and FotoNation subsidiaries, licenses technologies and intellectual property to customers for use in areas such as mobile computing and communications, memory and data storage, and 3D-IC technologies, among others. Our technologies include semiconductor packaging and interconnect solutions, and products and solutions for mobile and computational imaging, including our LifeFocus™, FaceTools™, FacePower™, FotoSavvy™, DigitalAperture™, face beautification, red-eye removal, High Dynamic Range, autofocus, panorama, and image stabilization intellectual property. For more information call +1.408.321.6000 or visit www.tessera.com or www.invensas.com.

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This press release contains forward-looking statements, which are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve risks and uncertainties that could cause actual results to differ significantly from those projected, particularly with respect to the characteristics, benefits, and features of FotoNation technologies and the use of such technologies. Material factors that may cause results to differ from the statements made include the plans or operations relating to the businesses of Tessera Technologies, Inc. (the "Company"); market or industry conditions; changes in patent laws, regulation or enforcement, or other factors that might affect the Company's ability to protect or realize the value of its intellectual property; the expiration of license agreements and the cessation of related royalty income; the failure, inability or refusal of licensees to pay royalties; initiation, delays, setbacks or losses relating to the Company's intellectual property or intellectual property litigations, or invalidation or limitation of key patents; fluctuations in operating results due to the timing of new license agreements and royalties, or due to legal costs; the risk of a decline in demand for semiconductors and products utilizing FotoNation technologies; failure by the industry to use technologies covered by the Company's patents; the expiration of the Company's patents; the Company's ability to successfully complete and integrate acquisitions of businesses; the risk of loss of, or decreases in production orders from, customers of acquired businesses; financial and regulatory risks associated with the international nature of the Company's businesses; failure of the Company's products to achieve technological feasibility or profitability; failure to successfully commercialize the Company's products; changes in demand for the products of the Company's customers; limited opportunities to license technologies due to high concentration in the markets for semiconductors and related products and smartphone imaging; and the impact of competing technologies on the demand for the Company's technologies. You are cautioned not to place undue reliance on the forward-looking statements, which speak only as of the date of this release. The Company's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended Dec. 31, 2015, include more information about factors that could affect the Company's financial results. The Company assumes no obligation to update information contained in this press release. Although this release may remain available on the Company's website or elsewhere, its continued availability does not indicate that the Company is reaffirming or confirming any of the information contained herein.

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PR Agency Contact:

Zeno Group
Dan Sorensen, +1 650-801-0944
Dan.sorensen@zenogroup.com.

or

Company Contact:

Tessera Technologies
Adolph Hunter, +1 408-321-6710
ahunter@tessera.com

Source: Tessera Technologies, Inc.

