

FotoNation Face and Iris Recognition Solutions Raise the Bar on Outdoor Biometric Performance and Liveliness Detection in Mobile Devices

SAN JOSE, Calif.--(BUSINESS WIRE)-- Tesseract Technologies, Inc. (NASDAQ:TSRA) announced today that its wholly owned subsidiary FotoNation Limited, has introduced a new high-performance suite of face and iris recognition biometric security and authentication solutions for mobile platforms. Based on FotoNation's unique deep learning neural network, and industry proven MIRLIN® Iris recognition technologies, these new solutions deliver authentication in the most challenging outdoor light and shade conditions, including liveliness detection, even when the subject is wearing glasses.

This Smart News Release features multimedia. View the full release here:

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FotoNation's MIRLIN(R) Iris Recognition App
(Photo: Business Wire)

With these new solutions, FotoNation delivers accurate, secure, compact, and easy-to-integrate biometric security solutions to mobile device manufacturers and financial institutions for a wide range of applications including device access, device personalization, payments and other mobile banking transactions.

Facial Recognition - By combining its latest deep learning advances with industry-leading computational imaging algorithms, FotoNation's face recognition solution uses existing front-view/selfie cameras to rapidly identify the subject in various light conditions and poses. With a False Acceptance Rate (FAR) of 1 in 10 thousand and liveliness detection, FotoNation face recognition solution delivers enhanced security.

Iris Recognition - Using patented MIRLIN® technology, FotoNation's iris recognition platform delivers a unique high performance solution for mobile devices that can accurately identify a subject, even while wearing glasses, and functions in a wide range of lighting conditions, including direct sunlight. With a FAR of 1 in 10 million, FotoNation iris recognition delivers enhanced reliability without sacrificing security and is already being deployed in commercial buildings, in multiple European airports and at military bases around the world.

"FotoNation has a long history of delivering powerful computational imaging solutions to the mobile market, with over 2.9 billion products shipped to date," said Sumat Mehra, senior vice president and general manager of FotoNation. "When FotoNation Iris and Face recognition solutions are deployed together, enhanced, secure authentication can be achieved with an FAR of up to 1 in 1 billion."

Development kits for FotoNation's biometrics solutions are available now. For more information on FotoNation and its solutions, please visit www.fotonation.com.

About Tesseract Technologies, Inc.

Tesseract Technologies, Inc., including its InvenSense 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 computational imaging and computer vision products and solutions for mobile and other vision systems. For more information call +1.408.321.6000 or visit www.tesseract.com or www.fotonation.com.

Safe Harbor Statement

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. 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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