XPERI

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Xperi Announces FotoNation's Third-Generation Image Processing Unit

Company's First Real-Time AI-Enabled Imaging Engine Provides Support for Encrypted Networks

SAN JOSE, Calif.--(BUSINESS WIRE)-- FotoNation, a global leader in computational imaging, computer vision and facial analytics solutions and a wholly owned subsidiary of Xperi Corporation (Nasdaq: XPER) ("Xperi"), is pleased to announce the availability of its third-generation Image Processing Unit (IPU), the company's first real-time AI-enabled imaging engine with support for encrypted networks. FotoNation's newest IPU is the industry's first engine of its kind, raising the bar for user data security, privacy, trust and authentication in the context of edge computing. Demonstrations of the IPU will be available at Mobile World Congress 2018 at the Xperi booth, located in the Fira Gran Via's Hall 1, Stand 1E60.

FotoNation's latest IPU showcases more than a decade of experience in hardware design and hybrid deployment. The purpose built IP core brings together signal processing and sensor fusion for optimum analytics. It has been designed with deep learning-based imaging solutions at its heart to deliver better user experiences by understanding, enhancing and personalizing your world.

This IPU is built upon an imaging infrastructure capable of generating billions of ground truth data sets for training and validation. FotoNation's verification and testing framework has tens of millions of marked real world images essential to successful deployment.

"We believe that AI and neural networks will play a significant role in the future of real-time camera applications on the edge, where latency, lower bandwidth and substantially reduced power consumption are key in delivering always-on applications," said Geir Skaaden, executive vice president and chief products and services officer, Xperi Corporation. "The third generation of our IPU core uniquely provides secure edge computing by decrypting neural networks in real time with no penalty on performance."

With traditional memory architecture, delivering high quality camera experiences can often result in off-chip bandwidth and large power consumption. However, FotoNation's IPU is designed to run multiple concurrent image enhancement and analytics solutions with no penalty to their individual application performance.

About FotoNation

FotoNation is a global leader in providing computational imaging, computer vision and facial analytics solutions. Its technologies have enhanced the digital imaging capabilities in more than 3.3 billion devices. FotoNation offers scalable software and hardware solutions in a flexible architecture to ensure its customers can build intelligent imaging capabilities into their devices. These capabilities enable devices to combine low-power, high performance and state-of-the-art functionality that deliver outstanding user experiences.

About Xperi Corporation

Xperi Corporation (Nasdaq: XPER) and its brands, DTS, FotoNation, HD Radio, Invensas and Tessera, are dedicated to creating innovative technology solutions that enable extraordinary experiences for people around the world. Xperi's solutions are licensed by hundreds of leading global partners and have shipped in billions of products in areas including premium audio, broadcast, automotive, computational imaging, computer vision, mobile computing and communications, memory, data storage, and 3D semiconductor interconnect and packaging. For more information, please call 408-321-6000 or visit www.xperi.com.

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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 availability, features and benefits of FotoNation's third-generation IPU and the use of AI and neural networks in future real-time camera applications.

Material factors that may cause results to differ from the statements made include the plans or operations relating to the businesses of Xperi Corporation (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 our audio and imaging 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 applicable markets for such technologies; the impact of competing technologies on the demand for the Company's technologies; and other developments in the markets in which the Company operates, as well as management's response to any of the aforementioned factors. You are cautioned not to place undue reliance on the forward-looking statements, which speak only as of the date of this release.

The foregoing review of important factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included herein and elsewhere, including the Risk Factors included in the Company's recent reports on Form 10-K and Form 10-Q and other documents of the Company on file with the Securities and Exchange Commission (the "SEC"). The Company's SEC filings are available publicly on the SEC's website at www.sec.gov. Any forward-looking statements made or incorporated by reference herein are qualified in their entirety by these cautionary statements, and there can be no assurance that the actual results or developments anticipated by the Company will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, the Company or its business or operations. Except to the extent required by applicable law, the Company undertakes no obligation to update publicly or revise any forward-looking statement, whether as a result of new information, future developments or otherwise.

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PR Agency Contact:
The Brand Amp
Ariel Rothbard, +1 209-345-6726
ariel@thebrandamp.com
or
Xperi PR Contact:
Jordan Miller, +1 818-436-1082
jordan.miller@xperi.com
or
Xperi Investor Relations Contact:
Geri Weinfeld, +1 818-436-1231
geri.weinfeld@xperi.com

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