

# Technology News

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## Shannon Launches World's First 12.8 TB PCIe SSD

**SHANGHAI, China Dec. 8, 2016** — Shannon Systems, a leading manufacturer of SSDs, has continued its growth in the 3D NAND-based flash market by launching several new products including the world's first 12.8 TB PCIe SSD drive, Direct-IO G4i. The Shanghai-based flash storage giant is geared up to provide a wider range of services for its enterprise customers.

"3D NAND technology heralds a new era of flash storage with high performance, high capacity, and low cost being available at the same time for users," remarked Shannon CEO Yang Xueshi. "Shannon has always been a frontrunner for research in this area. By utilizing 3D NAND, we provide a staggering capacity of 12.8 TB on a single SSD drive. This is a milestone for the SSD industry."

Chinese eCommerce giant Alibaba has already deployed Shannon's PCIe SSD products in large scale and seen significant performance improvements in mission-critical systems and the ability to handle more intensive and larger workloads during peak times.

## Elektrobit Announces EB Assist ADF 3 for Developing Highly Automated Driving

**ERLANGEN, Germany, Dec. 7, 2016** — Elektrobit (EB), a leading developer of cutting-edge, embedded and connected technology solutions for the automotive industry, announced EB Assist Automotive Data and Time-Triggered Framework (ADTF) 3 to accelerate the software development of Highly Automated Driving (HAD) systems. This new version of an established tool gives carmakers and suppliers an edge in the race toward driverless cars by providing the foundation to quickly develop, test, and bring to market highly automated vehicles.

Supported by a customer consortium of premium German carmakers and suppliers, EB Assist ADF is a globally established tool for the development, testing, validation, and visualization of advanced driver assistance software and HAD systems. The newest version optimizes these processes with improved data handling and usability. A new multi-process concept boosts stability in the testing phase by compensating for increased software complexity. Overall

increased performance encourages rapid fleet evolution by enhancing how carmakers can use the tool to keep up with fast-paced HAD development.

## Qualcomm Begins Commercial Sampling of World's First 10 nm Server Processor

**SAN DIEGO, USA, Dec. 7, 2016** — Qualcomm Incorporated (NASDAQ: QCOM) through its subsidiary, Qualcomm Datacenter Technologies, Inc., today announced commercial sampling and conducted a live demonstration of the world's first 10 nm server processor. As the first in the Qualcomm Centriq™ product family, the Qualcomm Centriq 2400 series has up to 48 cores and is built on the most advanced 10 nm FinFET process technology. The Qualcomm Centriq 2400 series features the Qualcomm® Falkor™ CPU, Qualcomm Datacenter Technologies' custom ARMv8-compliant core, which is highly optimized to deliver both high performance and power efficiency, and designed to tackle the most common data center workloads.

Leading the industry to the next-generation node, today's announcement underscores a monumental achievement in delivering leading-edge, high performance ARM-based server processors to the data center. Qualcomm Datacenter Technologies is now uniquely positioned to address the needs of cloud customers seeking new server solutions optimized for total cost of ownership, while meeting performance, efficiency, and power demands.

## Criteo Introduces New Creative Technology to Deliver Optimal Ad Personalization and Consistent Branding

**NEW YORK CITY, USA, Dec. 7, 2016** — Criteo S.A. (NASDAQ: CRTO), the performance marketing technology company, today announced Kinetic Design, its patent-pending ad creation technology that delivers visually stunning, on-brand ads that are contextually optimized for every consumer and rendered in real time without the need to define ad sizes or layouts upfront. Each client's brand identity and ad requirements are translated into a comprehensive, machine-based framework that specifies the

visual presentation, allowing marketers to drive greater customer engagement, improve reach, and achieve unmatched ad performance while maintaining brand aesthetics across campaigns.

Kinetic Design offers a virtually unlimited range of personalization with the ability to generate over 17 trillion visual design variations. This enhanced creative capability is offered in addition to Criteo's robust product recommendation feature, which ensures ad content is also tailored to each consumer's real-time shopping interest. Marketers are now able to manage their message and brand experience across the entire digital experience.

## Enhanced Linguamatics NLP Text Mining Platform Offers New Power to Extract Actionable Insights from Big Data

**CAMBRIDGE, England, and BOSTON, USA, Nov. 30, 2016** — Text analytics provider Linguamatics today released the latest version of their award-winning Natural Language Processing (NLP) text-mining platform, I2E 5.0.

Game-changing capabilities in I2E 5.0 include normalization of concepts like dates, measurements, and gene mutations within unstructured text, advanced range search, and a new query language, EASL. These capabilities tackle the variety in Big Data and accelerate insights from unstructured, semi-structured, and structured data sources.

## Edge Computing Consortium Established to Deepen Digital Transformation

**BEIJING, China, Nov. 30, 2016** — Today, the Edge Computing Consortium (ECC) was officially established in Beijing. This initiative was jointly created by Huawei Technologies Co., Ltd., Shenyang Institute of Automation of Chinese Academy of Sciences, China Academy of Information and Communications Technology (CAICT), Intel Corporation, ARM, and iSoftStone.

The ECC aims to build a cooperative platform for the edge computing industry that will give impetus to openness and collaboration in the Operational Technology (OT) and Information and Communications Technology (ICT) industries, nurture industrial best practices, and stimulate the healthy and sustainable development of edge computing.

## Spidey Tek, LLC Creates the Strongest Material Known to Man

**LOS ANGELES, USA, Nov. 29, 2016** — Spidey Tek of Los Angeles, California, announces its path to mass production of real spider silk. Spidey Tek is a biotech company dedicated to the mass production of the strongest material known to man, Real Spider Silk, and its utilization in producing superior products for the 21<sup>st</sup> Century.

Spider silk is a biomaterial that has been recognized as the strongest material on earth for many decades. The question has always been, 'How do you harvest enough of the silk to make it commercially viable?' Spidey Tek has discovered the answers to producing large quantities of spider silk by the rapid growth of specialized spider-cloned microorganisms in customized bioreactors.

## Manifold Opens Up High-Performance Enterprise Blockchain Platform

**SUNNYVALE, USA, Nov. 29, 2016** — Blockchain startup Manifold Technology announced today the wide release of the Manifold Platform at the Blockchain for Wall Street conference in New York City. The company's patented distributed ledger platform is now publicly available to provide a foundation on which anyone — freelance developer to financial institution — can rapidly build enterprise-ready, blockchain-enabled applications. With Manifold's easy-to-use platform, you don't need to be a blockchain expert to build and deploy production-quality applications. The platform has already been used to transform the Royal Bank of Canada's rewards program, as well as to enable member banks of the R3CEV consortium to demonstrate instantaneous trading of fixed income assets.

## Huawei Launches New-Generation HPC Platform FusionServer X6000 at SC16

**SALT LAKE CITY, USA, Nov. 18, 2016** — Huawei launched a new-generation High-Performance Computing (HPC) platform, the FusionServer X6000, at the Supercomputing Conference 2016 (SC16).

This FusionServer X6000 will aid computing-intensive workloads and provide enterprise customers with an ideal choice for an HPC platform that has higher efficiency and greater flexibility. "Faced with the challenges of digital transformation, enterprises are eager for service reconstruction, which drives the convergence of traditional HPC and cutting-edge technologies, such as cloud computing and Big Data," said William Dong, Vice President of Data Center Solution Sales, Huawei Enterprise Business Group. ▲