

Radisys Upgrades its x86 Product Portfolio for SDN and NFV Applications with Support for Intel® Xeon® E5 2600 v3 Series Processor

Radisys' standards-based x86 portfolio delivers optimized performance for processor-intensive applications, while reducing time-to-market for telecom application developers

HILLSBORO, OR, U.S. – September 8, 2014: [Radisys® Corporation](#) (NASDAQ: RSYS), a market leader enabling wireless infrastructure solutions, today announced its support for Intel® Xeon® E5 2600 v3 series processor technology to meet performance demands for processor-intensive Software Defined Networking (SDN) and Network Functions Virtualization (NFV) applications. Radisys is delivering performance upgrades across its broad x86 product portfolio, enabling its Telecom Equipment Manufacturer (TEM) customers to maintain their performance leadership in the market. The new standards-based ATCA-4700 blade for T-Series Ultra and Pro and the latest T-Series Compact Rackmount Server are all based on the Intel® Xeon® E5 2600 v3 series processor, delivering high performance and greater processing power with telco-grade reliability. Radisys also delivers comprehensive Intel® Data Plane Developer Kit (Intel® DPDK) optimizations and support across its x86 product line to ensure customers get the best performance possible.

Mobile traffic, driven by mobile video and the pervasiveness of smartphones and tablets, is continuing to explode on mobile operators' networks. Mobile operators are seeking to deploy SDN and NFV infrastructure to take advantage of the benefits of cloud technology proven in the enterprise space, but more processing power is required when network functions move to software modules. Additionally, due to the growing trend of bandwidth-hungry mobile applications, a carrier-scale deployment of SDN and NFV will require platforms that can process hundreds of millions of data plane flows simultaneously, across thousands of Virtualized Network Functions (VNFs). Radisys has invested in upgrading to Intel's next generation silicon to address these issues and to help mobile operators reduce costs, while accelerating time-to-market for VNF application developers.

Radisys' x86 product portfolio, spanning across bladed ATCA systems and rackmount servers, comes with consistent platform management software in Radisys' award-winning T-series product line. In addition, Radisys brings solutions and expertise in LTE, Deep Packet Inspection (DPI) and security to its broad range of applications. The combination of telecom-grade performance and a broad product portfolio optimized with Intel DPDK allows TEMs to focus resources on rapid innovation in the virtualized application arena.

“At Radisys, we're focused on enabling the industry and our customers with leading COTS technology to maintain their market leadership,” said Keate Despain, vice president of business development, Radisys. “As we upgrade our T-Series portfolio and roll out new products with the latest Intel processor and virtualization capabilities, Radisys, with its broad and deep expertise across Telecom platforms, software and solutions, is very well positioned to help its customers successfully transition to the next-generation of Intel technologies.”

“The continued momentum towards adopting server, cloud and virtualization technologies in telecommunications networks will bring many benefits including lower operating costs and faster deployment of new services,” said Rose Schooler, Vice President and General Manager, Communications and Storage Infrastructure Group, Intel. “Radisys’ rapid adoption of telecom-grade products based on Intel’s newest E5-2658 v3 series processors, all optimized to operate with the latest DPDK technology, will help meet the needs of demanding data plane applications in today’s NFV and SDN deployments.”

As with all of its products, Radisys supports its product portfolio for a minimum seven year lifecycle, and delivers the engineering and manufacturing services and technology consulting to make it a valuable extension of its customers’ development and manufacturing teams. This attention to a long lifecycle product support business model remains a strong requirement for the customers and markets that Radisys serves.

ATCA-4700

The new Radisys’ ATCA-4700 is the next-generation x86 ATCA compute blade based on the Intel Xeon E5 2600 v3 series processors that is ideal for high performance data plane telecommunications and deep packet inspection (DPI) applications. With a line rate performance of 40 Gbps, the ATCA-4700 provides a lower cost, faster time-to-market data plane processing solution when compared to alternative virtualized computing platforms.

T-Series Compact Rackmount Server

Radisys’ T-Series Compact Rackmount Server is ideal for network monitoring, DPI, policy, security, SBC and video optimization solutions in a cost-effective, carrier-grade 2U platform. The latest T-Series Compact now offers dual E5 2600 v3 series processors for industry-leading performance.

CEQM87 COM Express Module

Radisys has also been shipping in volume quantities the low power mobile version of the 4th generation Intel® Core™ architecture on its CEQM87 Type 6 COM Express module. The module is available in a 95mm x 95mm compact size, ideal for compute intensive applications that require high levels of processing performance in a small space.

Radisys’ ATCA-4700 for T-Series Ultra and Pro, T-Series Compact Rackmount Server and CEQM87 COM Express module are available today. Contact info@radisys.com for more details.

About Radisys

Radisys (NASDAQ: RSYS) is a market leader enabling wireless infrastructure solutions for telecom, aerospace and defense applications. Radisys’ market-leading MRF (Media Resource Function) and T-Series Virtualized Platforms coupled with Trillium software, services and market expertise enable customers to bring their products to market faster with lower investment and risk. Radisys technology is used in a wide variety of 3G & 4G / LTE mobile network applications including: small cell Radio Access Networks (RAN), wireless core network applications including SDN and NFV, deep packet inspection (DPI) and policy management equipment; conferencing and media services including voice, video and data, as well as commercial offerings for network applications that support the aerospace and defense markets.

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