June 17, 2014

EMCORE Introduces Genesis XD Cross-Point Matrix Switch and GBOX Extenders for Enterprise 4K Ultra HD Digital Media Distribution over Fiber, CATx and IP

All-In-One Multimedia Matrix to Convert, Scale, Switch and Distribute Video, Audio and Data for 4K UHD and Beyond

ALBUQUERQUE, N.M., June 17, 2014 (GLOBE NEWSWIRE) -- EMCORE Corporation (Nasdaq:EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optic and space solar power markets, announced today the introduction of the new Genesis XD ("GXD") multimedia matrix switch for small-to-large Enterprise connectivity applications. EMCORE also announces the new GBOX Series throw-down box transmitters and receivers for uncompressed video, audio and data transmission over Fiber, CATx and IP, which are compatible with Genesis for multipoint applications. Genesis XD and GBOX will be demonstrated for the first time at InfoComm 2014 in Las Vegas, June 18-20, in booth C7716, along with other Genesis compatible EMCORE products.

Genesis XD is designed as a modular, non-blocking, full cross-point matrix switch that is scalable from 8x8 to 256x256 for seamless connectivity to one or many displays. It provides uninterrupted, trouble-free operation in critical applications. Genesis XD accepts and converts both analog and digital signals, including HDMI 1.4b with HDCP, Display Port, DVI, VGA, Component and 3G HD-SDI. These signals can be transmitted to remote locations via singlemode or multimode Fiber, CATx/HDBaseT or IP/Ethernet. GXD's massive 40 Gbps backplane accommodates uncompressed 4K UHD resolutions now and 8K resolutions in the near future, allowing it to serve as a staple for Installers that want a flexible and reliable connectivity platform. Notable features include the ability to break-away and switch audio separately, embed and de-embed audio into digital video signals, and preview any connected video source on the front touch-screen panel, eliminating the need for a local and dedicated monitor.

The Genesis compatible GBOX Series are rugged, desk or wall mountable links useful for short or long distance extension of uncompressed 4K UHD (3840x2160) video, audio and data. GBOX is suitable for standalone, point-to-point, and point-to-multipoint applications when connected through Genesis XD. GBOX supports HDMI 1.4b with HDCP, VGA and Component video, stereo analog audio, bi-directional RS-232, 10/100 Ethernet, IR and CEC over Fiber and CATx/HDBaseT. Remote Keyboard, Video and Mouse (KVM) applications are also supported along with optional USB 2.0 for integrated hard drives and other high-speed USB devices.

"We are excited to launch Genesis XD platform, migrating our product offerings to 4K Ultra HD resolutions and above to support future multimedia expectations," said Henok Tafese, Sr. Director of Business Development for EMCORE. "We continue the innovation of leading-edge products for our customers and partners with the Genesis XD and supporting GBOX product line, which are significant breakthroughs toward delivering an entire product portfolio for ultra high-resolution digital media distribution applications."

A four-panel video wall will be displayed at InfoComm 2014 using Genesis XD and Genesis compatible multipoint products, including GBOX, EMCORE's well-known Optiva family of system cards, and the new Eclipse HD Pro H.264 encoding/decoding system, which will also be debuting. For more information visit us at Booth C7716, go to www.emcore.com/opticomm, or call 626-293-3400.

About EMCORE

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the fiber optics and space solar power markets. EMCORE's Fiber Optics business segment provides optical components, subsystems and systems for high-speed telecommunications, Cable Television (CATV) and Fiber-To-The-Premise (FTTP) networks, as well as products for satellite communications, video transport and specialty photonics technologies for defense and homeland security applications. EMCORE's Solar Photovoltaics business segment provides products for space power applications including high-efficiency multi-junction solar cells, Coverglass Interconnected Cells (CICs) and complete satellite solar panels. For further information about EMCORE, visit http://www.emcore.com.

Forward-looking statements:

The information provided herein may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include statements

regarding EMCORE's expectations, goals or intentions, including, but not limited to, financial performance, production schedules, expected customer sales, product features and their benefits, product quality and product performance. These forward-looking statements are based on management's current expectations, estimates, forecasts and projections about EMCORE and are subject to risks and uncertainties that could cause actual results and events to differ materially from those stated in the forward-looking statements. Risks and uncertainties that could cause EMCORE's actual results to differ from those set forth in any forward-looking statement are discussed in more detail in EMCORE's SEC filings available at www.sec.gov, including under the headings "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations." Forward-looking statements contained in this press release are made only as of the date hereof, and EMCORE undertakes no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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