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EMCORE to Demonstrate End-to-End DOCSIS 3.1 CATV Transmission Link at SCTE's Cable-Tec Expo

Demo to Feature EMCORE's Medallion Series CATV Transmitters, Optical Amplification and Switching Equipment

ALBUQUERQUE, N.M., Sept. 19, 2014 (GLOBE NEWSWIRE) -- EMCORE Corporation (Nasdaq:EMKR), a leading provider of compound semiconductor-based components and subsystems for the fiber optics and space solar power markets, announced today that it will host a demonstration of its End-to-End DOCSIS 3.1 CATV transmission link capabilities at the Society of Cable Television's (SCTE) Cable-Tec Expo in Booth #1505, September 23-25 at the Colorado Convention Center, Denver, Colorado.

A DOCSIS 3.1 compliant prototype of EMCORE's Medallion 6000 Series 1550 nm CATV Transmitter will be featured in the demonstration, along with the new Medallion 2100 Optical A/B Switch and Medallion 7100 CATV Fiber Amplifier transmitting over a 40 km fiber link to EMCORE's RFoG (Radio Frequency over Glass) Transceiver.

The Medallion 6000 externally-modulated transmitter, based on EMCORE's proprietary continuous wave laser technology, couples high optical output power up to 11.0 dBm, with low optical linewidth resulting in unmatched performance. The transmitter leverages proprietary pre-distortion circuitry to provide superior CTB and CSO performance with SBS suppression levels of greater than 21 dBm through 40 km of fiber. The Medallion 2100 Optical A/B Switch is a high-performance solution for network protection and optical redundancy in CATV/FTTx networks. Its automatic switching protects the network from inadvertent service outages due to up-stream optical signal degradation. EMCORE's Medallion 7100 Fiber Amplifier provides very stable optical outputs over a wide operating temperature range, as well as the exceptionally high power and low noise figures demanded by CATV applications. EMCORE's RFoG Transceiver is PON (Passive Optical Network) compatible and supports 1310/1590/1610 nm burst mode analog return-path, and digital or QAM upstream.

"Our end-to-end DOCSIS 3.1 demonstration at the Cable-Tec Expo will show EMCORE's capabilities to deliver the highest quality video and audio, along with high-speed data transmission in a DOCSIS 3.1 compatible system," said Gyo Shinozaki, Director of Marketing for EMCORE's CATV products. "EMCORE's line of CATV components and systems will support Cable operators as they move to this latest DOCSIS standard for higher-speed data transfer over their existing CATV networks," added Shinozaki.

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, Covered Interconnect 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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