



## **EMCORE Announces New openGear 3Gbps HD Broadcast Video Signal Transport Platform**

ALBUQUERQUE, NM--(Marketwire - April 9, 2010) - EMCORE Corporation (NASDAQ: EMKR), a leading provider of compound semiconductor-based components, subsystems and systems for the fiber optics and solar power markets, announced today the launch of a new video transport platform based on the popular openGear format of terminal equipment. The openGear products transport SMPTE compliant 3 Gbps HD-SDI (1080p) video signals over fiber optic cables for distances up to 60km. This addition to EMCORE's existing video transport product portfolio complements the Company's flagship Optiva® Video/Audio/Data Transport Platform with a new emphasis on the Broadcast and Professional Audio/Visual markets.

"EMCORE's openGear product line is a complete solution for transmitting 3G HD-SDI broadcast video over long or short distances on a single wavelength. Major broadcasters are in the process of migrating both fixed production and mobile O/B facilities to 3Gbps HD-SDI transport equipment, so that the best quality 1080p high-definition video can be used throughout the entire production and post-production process," said Henok Tafese, Director of Business Development for EMCORE Fiber Optics. "Our fiber products are superior in quality, durability and performance. We believe the addition of the new openGear fiber product family will directly address the requirements of broadcasters for fiber optic video transport solutions."

OpenGear products are offered in the openGear insert card form factor. The cards fit easily into an openGear 2RU 19" rack mount enclosure that provides both power and remote monitoring/management capabilities through the openGear DashBoard™ management software. OpenGear 3GHD insert cards are compatible with standard Optiva 3GHD cards as well as the new Micro OPTICAM-3GHD transceiver units, offering the most flexibility when choosing a fiber optic video transport solution. EMCORE is currently completing development of two more openGear products for DVI/VGA transport and 3Gbps HD-SDI Video Conversion/Embedding/Transport applications.

EMCORE will be displaying these new products at the NABSHOW, April 12-15, 2010 at the Las Vegas Convention Center, Las Vegas, Nevada at Booth C10039 in the Central Hall. For more information and a FREE exhibit pass, please visit [www.opticomm.com](http://www.opticomm.com).

### **About EMCORE:**

EMCORE Corporation is a leading provider of compound semiconductor-based components and subsystems for the broadband, fiber optic, satellite and terrestrial solar power markets. EMCORE's Fiber Optics segment offers optical components, subsystems, and systems that enable the transmission of video, voice, and data over high-capacity fiber optic cables for high-speed data and telecommunications, cable television (CATV), and fiber-to-the-premises (FTTP) networks. EMCORE's Solar Photovoltaics segment provides solar products for satellite and terrestrial applications. For space and satellite applications, EMCORE offers high-efficiency compound semiconductor-based gallium arsenide (GaAs) solar cells, covered interconnect cells, and fully integrated solar panels. For terrestrial applications, EMCORE offers concentrating photovoltaic (CPV) systems for utility scale solar applications as well as offering its high-efficiency GaAs solar cells and CPV components for use in solar power concentrator systems. For specific information about our company, our products, or the markets we serve, please visit our websites at [www.emcore.com](http://www.emcore.com) and [www.opticomm.com](http://www.opticomm.com).

### **Safe Harbor:**

Statements in this press release that are not historical facts, and the assumptions underlying such statements, constitute "forward-looking statements" and assumptions underlying "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 and involve a number of risks and uncertainties, including (a) the failure of the products mentioned (i) to perform as expected without material defects, (ii) to be manufactured at acceptable volumes, yields, and cost, and (iii) to be successful under field conditions, (b) the failure of the products to be selected by prospective customers for large-scale deployment and © the ability of the Company's customers to achieve their own business goals and objectives. Readers should also review the risk factors set forth in EMCORE's Annual Report on Form 10-K for the fiscal year ended September 30, 2009. These forward-looking statements are made as of the date hereof, and EMCORE does not assume any obligation to update these statements.

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