



## **EMCORE Announces 1MHz to 40GHz Fiber Optic Transport in the Optiva Platform to Support Satcom and Microwave Fiber Optic Links**

ALBUQUERQUE, NM--(Marketwire - March 14, 2011) - 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 expansion of the Optiva Platform to support analog fiber optic signal transmission from 1 MHz to 40 GHz.

Optiva is a modular, plug-in card-based system for transporting a wide range of video, audio and data signals over fiber optic cable. EMCORE recently announced new capabilities for the Optiva Platform, including fiber optic links for frequency references from 1 MHz to 100 MHz, IRIG/1PPS, IF, L-Band, S-Band, C-Band, X-Band, Ku-Band, Ka-band and Ultra-Wideband (50 MHz - 40 GHz). The addition of satellite RF and analog microwave signals allows integrators to leverage the total capabilities of Optiva, while also realizing a significant cost savings over installing multiple single purpose products.

EMCORE is also introducing a new fan-cooled Optiva chassis in a 19" 3U rack mount enclosure, with industry leading plug-in module density, supporting 16 hot-swappable modules and dual redundant power supplies. Optiva products support the industry-standard SNMP Ethernet interface, enabling simple integration into existing monitoring and control systems.

"The introduction of these new fiber optic transport modules allows customers to further leverage the versatility and cost-effectiveness of the SNMP-managed Optiva Platform. This, in turn, allows operators, systems integrators and OEMs to deploy a single platform to handle all of their optical transport needs over the industry's widest frequency range," said Dr. Ron Logan, EMCORE's Vice President of Photonic Systems. "Leveraging EMCORE's unique RF photonic wafer-fab and vertical integration, Optiva enables a low-cost, high-performance fiber-optic solution for Satcom earth stations," he added.

EMCORE will be showcasing its Optiva Platform products at SATELLITE 2011, Booth #687, March 15-17, 2011 at the Walter E. Washington Convention Center, Washington D.C.

For more information about these products, please visit our website at <http://www.emcorephotonicsystems.com>.

### **About EMCORE:**

EMCORE Corporation offers a broad portfolio of compound semiconductor-based products for the broadband, fiber optics, space and solar power markets. EMCORE's Fiber Optics segment offers optical components, subsystems and systems for high speed data and telecommunications networks, cable television (CATV) and fiber-to-the-premises (FTTP). EMCORE's Photovoltaics segment provides products for both space and terrestrial applications. For space applications, EMCORE offers high efficiency gallium arsenide (GaAs) solar cells, covered interconnected cells (CICs) and panels. For terrestrial applications, EMCORE is adapting its high-efficiency GaAs solar cells for use in solar concentrator systems. For further information about EMCORE, visit <http://www.emcore.com>.

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