



Press Release, March 27, 2007

CoreOptics deliver world's first 111 Gbps transmission record for over 2400 kilometres

Nuremberg, Germany, Manchester, NH March 27, 2007: CoreOptics Inc., a leading designer and manufacturer of 40Gb/s and 10Gb/s optical networking subsystems announced successful demonstration of industry's first 111 Gbps transmission over 2400 kilometres utilizing Coherent Detection technology.

This technical trial featured transmission of 10 channels of 111 Gbps at 50 GHz channel spacing over 2400 kilometres of Standard Single Mode Fiber (SSMF).

"I am delighted to share the results of this very successful cooperation with CoreOptics and the Eindhoven University of Technology, as we have jointly demonstrated the feasibility of 100 Gbps transmission enabling next generation of Wide Area Networks" commented Bernhard Kubis, vice president of Research and Development at Siemens Networks. "In addition to impressive data rates and reach that we have achieved, this demonstration proved the feasibility of transmission of 100 Gbps over the installed 10 Gbps network infrastructure installed today."

Building on company's expertise in the development of distortion equalization technologies, CoreOptics' Coherent Detection technology sets the market-leading benchmark for performance and cost effectiveness for the next generation of converged 100G networks. The key feature of this technology is enabled by CoreOptics' proprietary digital signal processing innovations. This technology enables extraction and translation of additional properties of the optical signal into electrical domain, enabling more robust transmission, over longer distances and achieving higher signal quality.

"We are very pleased to have demonstrated in partnership with Siemens and with excellent support from Eindhoven University of Technology, this truly disruptive 100G transmitter and receiver architecture that we believe is the technically and commercially most attractive answer for carriers' needs to transport emerging next generation 100GbE clients." said Dr. Christoph Schulien, CoreOptics co-founder and lead system architect for next generation 40G/100G products. "Our company has established market leadership in highly advanced equalization solutions based on electronic signal processing at 10G and we believe our Coherent Detection and Digital Signal Processing technology is the best answer for carrier's demand for high performance and low cost next generation 40G and 100G networks."

The reported trial has been partly supported within the project EIBONE (Efficient Integrated Backbone) from the German Government BMBF (Bundesministerium für Forschung und Bildung).

CoreOptics currently offers a complete set of 10 Gbps DWDM, 40 Gbps Single Channel Short Reach and 40/43G DWDM transponder modules. The company's product portfolio also includes 43 Gb/s Ultra-FEC, 40G Mux/DeMux for 4x10G client signals and Interface Converter supporting SFI-5s, SFI-4, XFI to enable building of next generation Open Tolerant Networks.

About CoreOptics

CoreOptics with operations in Nuremberg, Germany and Manchester New Hampshire, USA develops and manufactures subsystems for ultra high-speed optical networking applications in the telecommunications and information technology industries.

CoreOptics current portfolio includes advanced 10Gbps and 40Gbps transponders for Metropolitan, Regional and Long Haul optical systems using DWDM, OTN, SONET/SDH, ATM and IP protocols.

The company was founded in January 2001 and has received financing from leading venture capital firms T-com, GIMV, Crescendo Ventures, TVM, High Tech Private Equity, Atila Ventures, Quest for Growth and others. The team includes over 85 highly skilled engineers with extensive experience in RF and digital ASIC design as well as optical systems, applications and network architecture. Additional information about CoreOptics can be found at www.CoreOptics.com

Please visit us at booth #3731 at OFC/NFOEC 2007 in Anaheim, USA for a demonstration of our Product Portfolio.

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