

### **Compass-EOS Wins 2014 Prism Award for Photonics Innovation**

*World's First Shipping Direct Silicon-to-Photonics Interconnect Wins in Optical Components Category with Highest Aggregate Full Duplex Bandwidth Reported in the Industry*

**Natanya, Israel, February 10, 2014** – Compass-EOS, a next-generation routing company and icPhotonics™ pioneer, is pleased to announce that its r10004 router, the world's first silicon-to-photonics router, and the icPhotonics technology have won the 2014 Prism Award for Photonics Innovation in the Optical Components category. Its full-mesh architecture enables optical chip-to-chip, board-to-board, or rack-to-rack connectivity. This hybrid photonic integration scheme allows the highest aggregate full duplex bandwidth reported in the industry: 1.34 Tb/s with a data density of 64 Gb/s/mm<sup>2</sup>.

This achievement represents a cross-disciplinary achievement that has been pursued by industry giants for years without success.

Commenting on the award, Compass-EOS Chief Scientist and co-founder, Dr. Michael Mesh said, "Our design unleashes chip I/O which acted as a bottleneck in many high-performance computing applications, including routing. We are certain this technology will usher in the next decade of innovation in computing, communications, storage and optical systems."

SPIE, the international society for optics and photonics, and Photonics Media, award photonic products that break with conventional ideas, solve problems, and improve life through the application of light-based technologies.

#### **About SPIE**

SPIE is the international society for optics and photonics, a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves more than 235,000 constituents from approximately 155 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional networking, and patent precedent. SPIE provided over \$3.2 million in support of education and outreach programs in 2013.

#### **About Compass-EOS**

Compass EOS is a next-generation routing company. Compass-EOS radically changes network routing by shifting it into the age of silicon photonics. The Compass-EOS icPhotonics technology is the world's first commercial silicon for inter-chip optical interconnect, unleashing the next revolution in routing architectures. Its family of carrier-grade routers is a new breed of scale-out routers, enabling SDN-based, simplified architectures in service provider networks. Since 2006 Compass has attracted top-tier investors ranging from leading venture capital funds to service providers and core routing suppliers. Contact us at: [info@compass-eos.com](mailto:info@compass-eos.com)

Note: Compass-EOS, r10004 and icPhotonics are trademarks of Compass-EOS.

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