For Immediate Release

CoAdna Intro OvS™ Platform for Data Center Networking

Sunnyvale, California, March 5th, 2014 – CoAdna Photonics, Inc. today announced the introduction of its patent-pending Optical Virtual Switching (OvS™) platform created for the fast-growing big data and cloud service applications. Built upon the successful and widely deployed broadcast & select architecture for Wavelength Cross-Connection (WXC) implementations enabled by CoAdna’s LightFlow™ WSS solutions, the innovative OvS™ platform offers a distributed wavelength switching fabric that can provide end-to-end re-configurable WDM links among a large amount of server racks. The first generation OvS™ system will be showcased at CoAdna’s booth #1803 at OFC 2014 in Moscone Center, San Francisco, CA during March 11th - 13th, 2014.

Driven by big data and high performance cloud computing services with dominating east-west traffic, the data center networks are growing at a much faster pace compared with that of long-haul and metro networks. While the conventional data center networks based on hierarchical electrical switching systems are suffering from the fast increasing complexity along with the increase of data center size and transmission rate, their cabling system and power consumption become an un-sustainable burden too. By adopting the WDM and SDN technologies, the OvS™ is designed as a unified optical switching subsystem that can be connected into either 1-D or 2-D torus networks through simpler cabling system. The solution is flexible and scalable to support from tens of racks to thousands of racks. It also provides rich path diversity and features low deployment and maintenance cost, extremely low power consumption, space saving that are better for green environment. The first generation OvS™ has been equipped with Ethernet interface and Linux system, making it ready for system integration including SDN programming, for development activities and deployments.

“Enabled by CoAdna’s OvS™ technology platform, the OvS™ subsystem combines the strengths of WDM and SDM for cost-effective data center optical networking applications.” said Dr. Jim Yuan, President and CEO of CoAdna. “Though still in the early stage, we have engaged with several key partners to explore its full potentials and we have seen very encouraging results so far. We look forward to more collaboration with academic and industry partners to bring this innovative technology into full commercialization for cost-effective and environment-friendly big data and cloud services to help make people’s lives better.”

About CoAdna:

CoAdna is a leading supplier of dynamic and tunable modules for ROADM and WXC applications. CoAdna designs and delivers highly integrated and intelligent optical modules, such as Nx1/1xN WSS, TMX, and etc., based on its patented and Telcordia qualified LightFlow™ platform. With newly introduced patent-pending OvS™ platform, CoAdna is creating the OvS™ subsystems for data center applications. These solutions enable customers worldwide to expand their offerings of high speed broadband services, IPTV, VOD, smart phones, big data, cloud computing and other emerging applications to generate more revenues while reducing the CAPEX and OPEX, to help save energy and space, and to make people’s lives better. To learn more about CoAdna, please visit www.CoAdna.com or email to sales@CoAdna.com.

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