For Immediate Release

CoAdna Intro Gen-2 OvS for Data Center Networking

Sunnyvale, California, March 16th, 2015 – CoAdna Photonics, Inc. today announced the introduction of its Gen-2 Optical Virtual Switching (OvS) platform with enhanced networking capability and features for the fast-growing big data and cloud service applications. Built upon CoAdna’s LightFlow™ WSS solutions, the innovative OvS platform enables a distributed wavelength cross-connection (DWXC) that provides re-configurable WDM optical interconnects among core-switches or server racks. The newly introduced Gen-2 OvS will be showcased at CoAdna’s booth #1325 at OFC 2015 in Los Angeles Convention Center, Los Angeles, California, March 24 - 26, 2015.

Following the success of Gen-1 OvS that proved the networking concept and its cost-performance value for the DC operators, Gen-2 OvS targets small scale commercial deployment with enhanced features. A distributed optical backplane can be built upon Gen-2 OvS, which can interconnect up to 12 spine or aggregation switches with redundant full mesh interconnection and reconfigurable bandwidth. It bypasses background traffics, therefore reduces the needs of large core-switches while improving the overall network resilience. Gen-2 OvS also supports flattened-butterfly network architectures with much simplified cabling and greatly improved network performances. Up to 200 racks with 20 to 40 servers on each rack can be interconnected in such a network. Gen-2 OvS has a built-in OpenFlow 1.3 interface to support SDN networks.

“Driven by big data and cloud service applications, east-west traffics within a data center network have been growing exponentially. Network performance and cost issues associated with the east-west traffic growth become more and more a pain point for the data center operators. CoAdna’s OvS platform and technology is created to solve this problem.” said Dr. Jim Yuan, Chairman and CEO of CoAdna. “In the past year, we have engaged with several partners to explore the OvS’ full potential and we have seen very encouraging results. We look forward to more collaboration with 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 the 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 revenue 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.