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Mellanox and 6WIND Announce 40 Gigabit Ethernet Packet Processing Solution for Telecom Data Centers

Mellanox ConnectX®-3 40GbE NIC, with optimized support within 6WIND's networking software, and SwitchX® 40GbE switch enable telecom OEMs and operators to develop and deploy faster virtualized networks for higher return-on-investment

Mobile World Congress, Barcelona – February 25, 2013 – Mellanox® Technologies, Ltd.

(NASDAQ: MLNX; TASE: MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, and 6WIND, the gold standard for data plane processing in software defined networks, today announced a performance-

optimized solution featuring the Mellanox ConnectX-3 Network Interface Controller (NIC) together with the 6WINDGate™ networking software. Combined with Mellanox's SwitchX 40GbE switch, software, and cables, the complete solution enables Telecom Equipment Manufacturers (TEMs) and operators to accelerate the deployment of virtualized and non-virtualized networks and software defined networking (SDN) on standard high-volume servers.

Together, Mellanox and 6WIND are the first to provide a comprehensive end-to-end 40GbE interconnect solution for telecom data centers, delivering end users the highest bandwidth, performance and efficiency currently available in the market.

“The explosion of data over networks has created the convergence opportunity in the telecom space, forcing operators to build more efficient, higher bandwidth capable solutions,” said Amir Prescher, senior vice president of business development at Mellanox Technologies. “Mellanox's ConnectX-3 40GbE NIC with 6WINDGate networking software and SwitchX based 40GbE switches provide Telecom operators with increased throughput and reduced CPU overhead in their deployments of application servers.”

“Because it solves critical network performance challenges for mobile infrastructure, 6WIND's software has been selected by multiple TEMs who provide equipment deployed in commercial LTE networks worldwide,” said Eric Carmès, CEO of 6WIND. “The addition of Mellanox ConnectX-3 support within 6WIND's enhanced Intel® DPDK library as well as the 6WINDGate software, incorporating features such as SR-IOV and RDMA over Converged Ethernet (RoCE), enables improved CAPEX and OPEX in service provider networks through the virtualization of network functions and more efficient SDN management.”

“Network convergence represents a significant growth opportunity for telecom operators that need to improve performance by converging fixed, mobile and over-the-top (OTT) domains onto a single network,” said Werner Schaefer, general manager, OEM and Telecommunications, HP. “The new SX1018 HP Ethernet switch, built on the latest Mellanox technology, complements the HP BladeSystem c7000 enclosure with the industry's first¹ 40 gigabit downlink to each blade server to maximize operations in the telecom industry.”

Mellanox's ConnectX-3 is the leading NIC of choice for 40GbE server and embedded platforms. The Mellanox ConnectX-3 PMD, pre-integrated within 6WIND's enhanced Intel® DPDK library as well as within the 6WINDGate software, will be available in the second quarter of 2013.

Visit Mellanox Technologies, 6WIND & HP at Mobile World Congress (February 25-28)

- Visit Mellanox booth #5160 to see the live demonstration of Mellanox ConnectX-3 PMD solution running on HP servers.
- Visit 6WIND booth #7A87 to discuss the benefits of the joint Mellanox-6WIND solution.

Supporting Resources:

- Learn more about [Mellanox's complete 40GbE solution](#)
- Follow Mellanox on [Twitter](#) and [Facebook](#)
- Learn more about the [6WINDGate networking software](#)
- Follow 6WIND on [Twitter](#)

About Mellanox

Mellanox Technologies is a leading supplier of end-to-end InfiniBand and Ethernet interconnect solutions and services for servers and storage. Mellanox interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance capability. Mellanox offers a choice of fast interconnect products: adapters, switches, software and silicon that accelerate application runtime and maximize business results for a wide range of markets including high performance computing, enterprise data centers, Web 2.0, cloud, storage and financial services. More information is available at www.mellanox.com.

About 6WIND

6WIND provides the only commercial software solution that solves network performance challenges for OEMs delivering advanced networking functions in mobile infrastructure equipment, networking appliances and data center networking. The company's 6WINDGate™ networking software is optimized for cost-effective hardware based on industry-standard multicore processors, enabling rich Software Defined Networking (SDN) services and Network-as-a-Service capabilities that monetize services such as bandwidth, QoS and security. 6WIND delivers sustainable competitive advantages to both service providers and network equipment manufacturers. A privately owned company, 6WIND is based near Paris, France with regional offices in China, Japan, South Korea and the United States. For more information, visit <http://www.6wind.com>.

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1. Based on HP analysis as of Jan. 2013