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CSIRO Australia Selects Mellanox End-to-End FDR InfiniBand Interconnect Solutions for New Compute Infrastructure

Mellanox FDR InfiniBand Accelerates the New High Density Intel "Sandy Bridge" and NVIDIA GPU based Cluster

HAMBURG, Germany--(BUSINESS WIRE)-- **ISC'12** — 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, today announced that the [Commonwealth Scientific and Industrial Research Organisation](#) (CSIRO), Australia's national science agency, has selected Mellanox's end-to-end FDR InfiniBand solution for their new accelerated cluster, including SwitchX® SX6025 switches, ConnectX®-3 adapters, Unified Fabric Manager™ (UFM™) and cables. CSIRO chose Mellanox's robust, high-speed interconnect solution due to its scalability, low power consumption, and high-efficiency data handling that utilizes the latest GPUDirect™ and COREDirect™ acceleration technologies.

"With industry server upgrades such as the new Intel architecture, it was apparent that we needed to upgrade our interconnect solution for better performance, scalability and return on investment," said Brian Davis, ASC Cluster Services Manager at CSIRO. "Mellanox FDR InfiniBand, GPUDirect and CORE-Direct acceleration technologies provided the solution we needed. This technology helps to ensure our users will have a high performance level for their research and development."

"Mellanox will provide CSIRO with the fastest InfiniBand technology and capabilities of PCI-Express 3.0 to enable the highest productivity of the new compute intensive cluster," said Marc Sultzbaugh, vice president of worldwide sales at Mellanox Technologies. "Mellanox FDR InfiniBand interconnect solutions, performance acceleration technologies, such as CORE-Direct and the support for GPUDirect, future proof CSIRO's investment and provide their users superior application performance with the most advanced high-performance computing infrastructure."

The new CSIRO HPC Cluster was awarded to XENON Systems, the local Australian Mellanox partner who specializes in the deployment of High Performance Computing solutions to leading Australian and New Zealand research organizations.

Supporting Resources:

- Learn more about Mellanox InfiniBand [Switches](#) and [Adapter Cards](#)
- Learn more about Mellanox [Switch Management](#) and [Storage Fabric Software](#)
- Learn more about Mellanox [Copper and Fiber Cables](#)
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About CSIRO

CSIRO is Australia's national science agency and one of the largest and most diverse R&D organisations in the world. For more than 80 years, CSIRO has been a trusted provider of breakthrough science for clients ranging from well-known multinationals to Australian SMEs. With 6,500 staff working from sites across the nation and around the globe and an annual budget of more than \$900m, CSIRO is uniquely positioned to provide the multidisciplinary R&D expertise necessary to tackle today's complex challenges. CSIRO research delivers solutions for agribusiness, energy and transport, environment and natural resources, health, information technology, telecommunications, manufacturing and mineral resources.

About Mellanox

Mellanox Technologies (NASDAQ: MLNX, TASE: MLNX) 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.

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