Centre for High-Performance Computing South Africa Selects Mellanox InfiniBand Solutions to Accelerate New Petaflop-Capable System

Enabling technology innovation and scientific research in Africa

AUSTIN, Texas--(BUSINESS WIRE)--SC'15 - Mellanox® Technologies, Ltd. (NASDAQ:MLNX), a leading supplier of high-performance, end-to-end interconnect solutions, announced that the Council for Scientific and Industrial Research (CSIR), in partnership with the Centre for High Performance Computing (CHPC), has selected Mellanox's end-to-end InfiniBand solution to connect its next-generation petaflop-capable supercomputer. CSIR is one of the leading scientific research and technology development organizations in Africa. CSIR undertakes directed and multidisciplinary research and technology innovation that contributes to the improvement of the quality of life of South Africans.

"CHPC supports users across Africa and hundreds of applications across a broad range of science disciplines from Chemistry, Material Science, Astrophysics, Climate Science, Bioinformatics and more," said Dr. Happy Sithole, director, CHPC. "Utilizing Mellanox's InfiniBand solution, the Centre will be able to provide Africa's research community with its first petascale-class supercomputer to support their rapidly increasing computational demands for the entire spectrum of their research."

The partnership between Mellanox and CHPC goes beyond this project, as CHPC participates in early technology access from Mellanox. Mellanox also supports the Human Capital Development as a key partner in the successful Student Cluster team at CHPC.

"Large research labs require extremely fast data access for their applications in order to conduct their research more effectively," said Gilad Shainer, vice president of marketing at Mellanox. "Mellanox InfiniBand solutions deliver highest efficiency and scalability, and will provide CHPC with superior application performance to accommodate the needs of their researchers."

Supporting Resources:

- Learn more about Mellanox InfiniBand Switches, Adapter Cards, and Cables
- Learn more about Mellanox Switch Management and Storage Fabric Software
- Follow Mellanox on Twitter, Facebook, Google+, LinkedIn, and YouTube
- Join the Mellanox Community

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, cables 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 http://www.mellanox.com.

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Source: Mellanox Technologies

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