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Mellanox 25G/100G Ethernet Solutions Enables Artificial Intelligence Speech Recognition Technology at iFLYTEK

BEIJING--(BUSINESS WIRE)-- Mellanox Technologies, Ltd. (NASDAQ:MLNX), a leading supplier of high-performance, end-to-end interconnect solutions for data center servers and storage systems, today announced that one of China's leading intelligent speech and language technologies' companies, iFLYTEK, has chosen Mellanox's end-to-end 25G and 100G Ethernet solutions based on ConnectX[®] adapters and Spectrum[™] switches for their next generation machine learning center. The partnership between Mellanox and iFLYTEK will enable iFLYTEK to achieve a high speech recognition rate of 97 percent.

iFLYTEK Co., Ltd., is a nationally renowned software enterprise based in China and dedicated to the research of intelligent speech and language technologies, provision of speech information services, and integration of E-government systems. To support a diverse number and growing type of applications, iFLYTEK requires a high performance and efficient data center network solution that needs to be both compatible with the company's current infrastructure and scalable for future computing and storage requirements.

"Mellanox's solution has enabled iFLYTEK to build a next generation machine learning center that will be accelerate our application performance and provide us with our future needs," said Dr. Zhiguo Wang, executive vice president of iFLYTEK Research Institute. "Moreover, we leverage the scalability of Mellanox Ethernet solutions to grow our compute and storage needs in the most efficient manner."

"Speech recognition has made tremendous advancements in the past couple of years and we are excited to partner with iFLYTEK to build the next generation of machine learning systems for this technology development," said Gilad Shainer, vice president of marketing at Mellanox Technologies. "Mellanox's 25G/100G Ethernet solutions provide the most cost effective, high performance Ethernet connectivity allowing iFLYTEK to provide the needed compute and storage resources to their developers."

Mellanox's Open Ethernet 25G and 100G Spectrum switches enable iFLYTEK to build a high-performance architecture that is flexible, scalable and easily managed. The iFLYTEK machine learning systems can handle massive concurrent traffic and is capable of supporting unpredictable future business growth. Mellanox's intelligent networking solutions provides iFLYTEK with automatic networking provision and management, convergence network infrastructure with Quality of Service and RDMA over Ethernet (RoCE). In addition, the solution features scalability via a hyperscale topology that offers full layer 3 BGP as routing and 8/16 ECMP.

The Mellanox Spectrum switch-based leaf-spine topology architecture resolves the bottleneck challenges of horizontal network connections and provides excellent scalability, making it ideal for nearly all small-to-middle sized data centers. IT architectures for most enterprises tend to employ a convergent and highly virtualized spine structure and to address this trend, Mellanox provides best-in-class products for industrial users to build IT infrastructure that meet both current and future data network needs.

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Mellanox Technologies (NASDAQ:MLNX) is a leading supplier of end-to-end Ethernet and InfiniBand intelligent interconnect solutions and services for servers, storage, and hyperconverged infrastructure. Mellanox intelligent interconnect solutions increase data center efficiency by providing the highest throughput and lowest latency, delivering data faster to applications and unlocking system performance. Mellanox offers a choice of high performance solutions: network and multicore processors, network adapters, switches, cables, 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, network security, telecom and financial services. More information is available at <http://www.mellanox.com/>.

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