

# BIOS IT announce New Range of Certified Server and Storage Solutions Powered by Diablo Technologies' Memory Channel Storage™ (MCS™) architecture

Submitted by: Boston

Wednesday, 8 October 2014

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BIOS IT delivers a broad range of certified server and storage solutions that remove performance bottlenecks and place flash as close as possible to the CPU and its applications.

London, UK (October, 8th, 2014) – BIOS IT today announced at the 2014 London Data Management Summit that it plans to deploy application accelerating SSDs using Memory Channel Storage technology within Supermicro server and storage platforms. This is ideally suited for a broad range of big-data analytics workloads, high-frequency trading, in-memory compute, server virtualization, VDI, and database acceleration - putting your data in motion.

Powered by Diablo Technologies' Memory Channel Storage, the architecture's innovative design connects flash directly to the memory channel using an industry-standard DIMM form factor. The MCS platform enables new levels of application acceleration supported by next-generation enterprise-grade server and storage system designs.

BIOS IT has combined MCS technology with over 20 years of experience in high performance and low latency computing to deliver certified solutions capable of achieving as low as 5 sec write latency, random read/write performance of up to 150K/65K IOPS per DIMM, and data transfer rates up to 1GB/s/760MB/s sequential read/write. I/O performance can now scale while maintaining low and deterministic latency.

Ian Mellett, General Manager of BIOS IT, says "Customers are demanding more and more performance from their systems. We have developed a certified range of solutions that will help deliver this performance to clients in various sectors looking for pure acceleration."

San Jose, California-based, Supermicro, the leading innovator in high-performance, high-efficiency server solutions are supporting BIOS IT with a wide range of MCS-validated server platforms optimized for latency sensitive workloads. Wally Liaw, Vice President of International Sales at Supermicro explains, "Supermicro's MCS-tuned Hyper-Speed and Enterprise-class platforms dramatically accelerate I/O for mission critical, data intensive applications to deliver customers such as BIOS IT an unrivalled performance and reliability advantage for their end-to-end computing solutions."

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