

Enmotus to Demonstrate Industry's First Sub-Hypervisor SSD Tiering Solution at Server Summit

MicroTiering technology creates new class of fully transparent high performance tiering for industry leading hypervisors

Aliso Viejo, CA. - November 27, 2012 – Enmotus, Inc. announced today that it is demonstrating a new class of fully automated [MicroTiering™](#) technology for virtual and physical servers at the Server Summit show in Santa Clara, CA. The technology will allow solid state disk drives (SSDs) and hard disk drives to be easily virtualized and integrated into bare metal virtual and physical enterprise or cloud servers without the need for custom drivers or software, dramatically broadening [SSD](#) adoption in more mainstream server markets.

“Compared to today’s [SSD caching](#) approaches, MicroTiering offers a true data tiering solution for all types of storage-servers that significantly outperforms and reduces caching induced SSD write amplification to near zero,” said Andy Mills, co-founder and CEO of Enmotus. “High performance SSD caching approaches result in a high level of excessive wear, and we think we have a novel approach that eliminates this issue and more,” continued Mills.

Mills will be presenting a paper at the Server Design Summit titled “SSDs: Practical Ways to Accelerate Virtual Servers.” The Server Design Summit is taking place in Santa Clara, CA on November 27-28. The presentation will take place at 10:00 AM on Tuesday the 27th. Enmotus’ MicroTiering™ technology will be on display in booth 203. The company plans to offer several flavors of MicroTiering early next year.

“Let’s clear up any remaining misconceptions that tiering and caching are synonymous,” said Mark Peters, a Senior Analyst at the Enterprise Strategy Group. “They are quite different: tiering essentially creates a virtual pool of available storage, and moves the most frequently accessed or more active data to the faster tier - which in Enmotus’ case is flash, with the solid-state capacity being additive to the overall storage pool. Tiering is unlike caching, because the latter simply creates a temporary *copy* of the most accessed or active data in the cache; with tiering, the SSD operates as primary storage with no requirement to ‘flush’ the cache, which means less overhead and lower wear on the solid-state,” continued Peters.

About Enmotus

Enmotus provides users with their critical data when they need it. Our true tiering technology pools flash storage with traditional hard drives and dynamically moves frequently accessed data in real time to the high speed flash storage without user

intervention. Responding in seconds to rapidly changing access patterns, the Enmotus solution creates a new class of affordable tiered storage that combines the capacity of hard drives with the performance of SSDs. The block based MicroTiering™ architecture provides superior read and write performance. For more information, please visit www.enmotus.com

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