

**Echostreams Partners with Mellanox and Enmotus Showcasing Tiered-Storage at National Association of Broadcasters (NAB) Show 2014  
Booth# SL10810**

Echostreams showcases FlacheSAN1 server at NAB 2014 Las Vegas with Mellanox and Enmotus tiered storage performing 3 sustainable 4K (4096x2160) streams throughput in a short depth 1U server at just under 300W of power consumption.

**City of Industry, CA – April 2, 2014** – Echostreams Innovative Solutions, LLC. today announced the FlacheSAN1, tiered SSD and HDD storage array OEM platform with 20x hot-swappable 6Gbps SATA drives, has achieved a new performance height by having four Flash SSD and 16 hard drives transmitting concurrently three 4K video resolutions concurrently each over FDR 56Gb/s InfiniBand or 40Gb/s Ethernet with RoCE links, out of a single 1U tiered storage server. For high throughput applications such as post production workflow, ingesting, editing, color grading, and media rendering this system can sustain three 4K streams concurrently and improves users productivity.

“Echostreams’ adoption of Mellanox 56Gb/s Virtual Protocol Interconnect® adapter enables access to storage over RDMA which eliminates performance bottlenecks, associated with manipulations of very large size files, that are typically used in the broadcasting industry,” said Motti Beck, Director Enterprise Market Development at Mellanox Technologies. “Using our most advanced interconnect makes the Echostreams’ FlacheSAN1 platform an extremely cost-effective but high performance white box OEM solution for this market”

The Echostreams FlacheSAN1 solution employs a new class of real-time storage tiering software from Enmotus, allowing the platform to support a high performance hybrid storage configuration using standard off-the-shelf SSDs and HDDs at a substantially lower cost per terabyte than pure SSD based systems. “We are delighted that Echostreams has chosen to use our FuzeDrive™ software,” said Andy Mills, President and CEO of Enmotus, Inc. “FuzeDrive clearly demonstrates that tiered hybrid storage has an important role to play in even the most demanding storage applications, offering users SSD class performance with HDD capacities.”

“At Echostreams we are always looking for solutions for specific vertical markets to eliminate any pain points,” said Gene Lee, President and CEO of Echostreams Innovative Solutions. “With 4K resolution media becoming more mainstream, equipment offerings remain prohibitively expensive and only major players in industry can afford them. With our FlacheSAN1 combining high throughput and affordability from Mellanox and Enmotus, we have been able to minimize customers’ cost problems allowing independent studios and mainstream market to take advantage of the latest available technologies.”

## **About Echostreams**

Echostreams Innovative Solutions LLC is a US based white-box OEM/ODM solution platforms provider, committed to turn creative ideas into problem-solving innovative products. Echostreams partners with technology leaders and solution integrators to offer purpose-built solutions to companies who are supporting the world's IT Infrastructures. Echostreams' products can be found on [www.echostreams.com](http://www.echostreams.com), and fully integrated FlacheSAN1™ solutions are can be OEM'ed through qualified integrators and value-add distributors.

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