

# Revolutionary demonstrations to take place at SC18

Submitted by: Boston

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7/11/18 Dallas, Texas - Boston are pleased to host Nyriad at SC18 in Dallas, between 12-15th November, who will be running two demonstrations on the stand [Stand #3255].

The first demonstration, in partnership with BeeGFS, the leading parallel cluster file system developed by ThinkParQ; will harness Nyriad's NSULATE that complements BeeGFS to enable high performance, scale out parallel file systems with data resilience beyond RAID.

NSULATE enables high performance from BeeGFS and XFS even in the face of a large number of simultaneous drive failures, critical for maintaining I/O throughput when dealing with extremely large datasets typical in HPC. This solution is being tested in the research and development departments of all organisations, including at the world-famous Boston Labs where the final solution on the Boston Igloo Nebari will be hand-tuned and optimised to run on a large-scale at very high performance.

"Nyriad's and ThinkParQ's businesses are highly complementary with little or no competitive overlap. By collaborating, we can address market needs which are difficult or impossible for either of us to address alone," says Frank Herold, CEO of ThinkParQ.

The second demonstration on the booth will be utilising Nyriad's "Warpdrive" demo box, developed in Nyriad Labs that harnesses a NVIDIA Tesla P4 GPU running a Linux filesystem better than a RAID controller or a CPU can. This interactive demo will begin on the booth at 11am each day.

Matthew A. Simmons, CEO of Nyriad, says: "While our software is designed to be hardware agnostic, we are absolutely thrilled with the long-term thinking that both Boston and Supermicro have shown over the past year in getting NSULATE to market. This partnership, along with our partnership with ThinkParQ since SC17, will enable us all to positively impact their clients' data capabilities while causing a market-step-change in storage performance and data integrity."

Manoj Nayee, Managing Director for Boston Limited, adds: "Thanks to the expert innovators at Boston Labs I am pleased that we are able to converge multiple technologies under a single solution that is fully supported by Boston. Boston is pleased to integrate Nyriad's NSULATE technology with the new independent leader in parallel file systems, BeeGFS to create the most relevant platform in HPC for the last 10 years. I have taken a very personal interest in this technology and will be available at SC in Dallas to discuss our broad range of innovative solutions."

A further demonstration of the Boston Igloo Nebari, a GPU-accelerated alternative to RAID that enables real-time hyperscale erasure coding up to 255 parity, will take place on the Micron booth.

ENDS

For further information, including product details and specifications, please contact:

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Monday to Friday, 9 AM to 5:30 PM GMT

Notes to editors:

About Boston

Boston Limited has been providing cutting-edge technology since 1992 using Supermicro® building blocks. Our high performance, mission-critical server and storage solutions can be tailored for each specific client, helping you to create your ideal solution. From the initial specification, solution design and even full custom branding – we can help you solve your toughest business challenges simply and effectively. [Boston.co.uk](http://Boston.co.uk)