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Fourth Plugfest Shows Broad Ecosystem Support for NVM Express

WAKEFIELD, Mass. – July 28, 2015 – [NVM Express, Inc.](#), the organization that developed the NVM Express specification for accessing solid-state drives (SSDs) on a PCI Express (PCIe) bus, has completed its fourth NVM Express [Plugfest](#).

This event, which took place June 8-11 at the University of New Hampshire's InterOperability Lab (IOL) in Durham, New Hampshire, was an opportunity for NVMe implementers to test the interoperability of their products. The program ensures conformance to the NVMe specification and establishes confidence that products will work well across a broad range of systems.

The plugfest was attended by 14 organizations active in the NVMe sector, both SSD vendors and test equipment companies. The event tested 17 products – the largest number to date – with 10 devices successfully completing the rigorous testing. The [Integrators List](#) may be used to refer to these products (listing is at the discretion of the company and thus not every product is specified).

The event tested devices using revision 1.2 of the NVM Express specification. Hot plug testing for Datacenter environments using the U.2 (SFF-8639) form factor was included, which was effective in proving robustness of NVMe systems. For Client and Datacenter environments, there was boot testing using systems with BIOSes that have a UEFI NVMe driver integrated.

"Participating in the NVM Express Plugfest brought significant value to our company. We appreciated the opportunity to work collaboratively with developers and equipment vendors and resolve test-related issues on the spot," said Edward Cheng, Product Applications Engineering, SK hynix memory solutions, Inc.

"The NVM Express community has delivered excellent support for the IOL's efforts – we thank all the member companies that participate in the UNH-IOL NVMe Consortium, particularly those attending the latest plugfest," said David Woolf, Research and Development, Storage & Mobile Technologies at UNH-IOL. "It is gratifying to observe the growth of the NVMe ecosystem."

About NVM Express

NVM Express is the optimized, high-performance, scalable host controller interface with a streamlined register interface and command set designed for non-volatile memory based storage. NVM Express was developed as a standard to reduce latency and provide faster performance

with support for security and end-to-end data protection. The first NVM Express products began shipping in 2014 and have demonstrated up to six times greater 4KB Random and Sequential Read/Write performance, and lower latency than SATA solid state drives. NVM Express specifications are owned by NVM Express, Inc.

About NVM Express, Inc.

[NVM Express, Inc.](#) was formed to define a new storage interface protocol, NVM Express, to enable the full performance potential provided by non-volatile memory storage technology, such as PCI Express solid state drives, in a standards-based approach to enable broad ecosystem adoption. NVM Express, Inc. is a non-profit organization and includes more than 80 member companies.

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