



**FOR IMMEDIATE RELEASE**

**storageFOUNDRY Launches Massive-Scale Appliances Made for the Storage of Everything<sup>®</sup> Media and Scientific**

Introducing the new Nautilus, a complete line of affordable peta-scale appliances built on Red Hat CEPH and HGST Ultrastar<sup>®</sup> He<sup>6</sup> HDDs and FlashMax<sup>™</sup> SSD solutions

**San Mateo, CA. -- June 26, 2014**, storageFOUNDRY<sup>®</sup>, a leading integrator specializing in storage solutions, today announced that it is shipping a new family of peta-scale appliances built on the industry-changing Red Hat CEPH platform and HGST hard disk drives (HDDs). Nautilus is a massively scalable, open-source software-defined storage solution developed from the ground up to provide object, block and file system storage in one self-managing, self-healing platform. CEPH is the ideal solution for supporting the legacy needs of the enterprise, while embracing next-generation cloud solutions like OpenStack/CloudStack and object storage. With a decade of development, CEPH is the simple choice for the **Storage of Everything**.

Nautilus performance enhancements come from embedded storage modules within Nautilus, which include the HGST Helioseal<sup>™</sup> 6TB Ultrastar He<sup>6</sup> helium-filled disk drives and 4.8TB HGST FlashMAX II PCIe SSDs – all of which are housed in hot-swappable, field-serviceable units that make online operations and support a breeze for any team.

“storageFOUNDRY is delivering an innovative solution that aims to reinvent the way in which IT services and applications can be managed and delivered,” said Brendan Collins, vice president of product marketing, HGST. “Thanks to open-source initiatives such as Red Hat Ceph, we believe software-defined storage systems, like the Nautilus series, will benefit both cloud and mainstream enterprise data centers, by providing the flexibility and scalability needed for a variety of applications and workloads. Coupled with the performance, capacity and reliability of our world-class HDDs and Flash solutions, the new Nautilus series offers compelling benefits and capabilities for those moving to software-based scale-out storage architectures.”

Nautilus also features comprehensive Mellanox 10GbE backend connectivity between all cluster elements with corresponding 40GE system uplinks to maximize throughput for data-intensive workloads like genomic sequencing, energy science, and media content pipelines.

“Big Data, scalable storage, and Ceph all benefit from high bandwidth networks,” said John Kim, director, storage marketing at Mellanox Technologies. “Mellanox is honored to work with storageFOUNDRY and HGST on this innovative, software-defined solution for the Storage of Everything. Mellanox Ethernet switches offer the highest density, lowest power consumption, and best price-performance in the world, helping make big data solutions like the storageFOUNDRY Nautilus faster and more efficient for petabyte-scale storage.”

"Consumers, businesses, and machines themselves are creating a data explosion. Deploying a storage solution that can scale without limits - in capacity, performance and functionality - is a

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crucial part of any storage strategy. The storageFOUNDRY Nautilus with Ceph is easy to deploy, simple to operate, and provides the 24x7 reliability required for today's business," said Paul Evans, principal architect at Daystrom Technology Group, an Integrator of scale-out storage systems for Media & Scientific computing. "We're pleased to work with storageFOUNDRY and with their choice to use HGST's line of high-density components that have a history of superior reliability in the field, which keeps costs low over the life of a deployment."

Standard configurations of the Nautilus series range from 1PB to 4.8PB, and span from a mere 16U of rack space up to full-rack designs that can scale to 100's of petabytes. The Nautilus series encompasses two lines: general purpose and enterprise-class. The general purpose line includes three models for Cloud computing workloads and the high-performance line includes one model which is ideal for high-performance, fast-response workloads more common in enterprise data centers. The two lines can be managed separately, combined into a single solution, or allocated on-demand through automation. All configurations provide for non-stop, online expansion and maintenance.

#### **About storageFOUNDRY**

storageFOUNDRY provides next generation storage solutions for data intensive workloads the world over, enabling many of today's most challenging storage problems to be managed with ease. Globally scalable and infinitely extensible, software-defined storage architectures provide digital content producers and users with leading high-capacity, high-performance data storage solutions. Founded in 2013, storageFOUNDRY is headquartered in San Mateo, CA.

For more information, visit us at [www.storagefoundry.net](http://www.storagefoundry.net).

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