

# Virtualizing Critical Applications with VMware vSphere and Hitachi Virtual Storage Platform G1000

## WebTech Q&A Session, May 7, 2014

- 1. Can you give us some insight into some of the biggest challenges customers are seeing when virtualizing critical applications?**  
Agility challenges, specifically around workload mobility and VM density and I/O performance, and availability challenges with migration and tech refresh cycles.
- 2. How comfortable should we be with performance of mission critical applications on these virtualized platforms?**  
With VSP G1000, a feature called Hitachi Global Active Device (GAD) provides active-active stretched clusters, while vMotion only handles the movement of virtual machines. Multi-path software allows access to data from shortest path, which eliminates overhead and delays for Storage vMotion data movement. As a result, there is no data migration required, no interruption of applications, no administrative action for storage and the service level is continuous from either location.
- 3. Where does the VSP G1000 fit into the converged solution, Hitachi UCP for VMware vSphere?**  
VSP G1000 will be available as a storage choice for Hitachi UCP for VMware vSphere, with UCP Director in July 2014.
- 4. For those that have existing Hitachi assets, such as storage, can those be leveraged?**  
Yes, existing VSP (including G1000) and HUS-VM storage can be utilized for deployment of Hitachi UCP for VMware vSphere.