Top 10 Advantages of the Hitachi Unified Storage VM All Flash System

**TOP 10 ADVANTAGES**

2. Surprising Economics.
3. Ease of Integration.
4. Unmatched Reliability.
5. Supreme Flexibility.
7. Remarkable Efficiency.
8. Virtualize and Turbocharge.
10. Here Today, Here Tomorrow.

**Achieve New Levels of Storage Performance, Efficiency, Cost, Virtualization and Tiering**

IDC says it best: “For enterprise customers, flash storage changes everything.” Driven by the need to provide better storage performance and efficiency at a lower cost, more enterprises are turning to flash solutions, which now include Hitachi Unified Storage VM (HUS VM) all flash system. This unified system integrates Hitachi Accelerated Flash storage and enterprise storage virtualization to deliver advantages in performance, efficiency, cost, virtualization and tiering.
1. Blazing Performance
HUS VM all flash system doubles the performance of disk-based systems and dramatically lowers response times. With new flash-optimized controller software and patented Hitachi Accelerated Flash storage you’ll see 500,000 IOPS, sub-millisecond response time, and performance consistency that continues even under heavy continuing writes.

2. Surprising Economics
No longer will you need to overbuy and overdesign to meet your high-performance application needs. Say goodbye to underutilized systems and short-stroke disk drives. HUS VM all flash system delivers 60% better cost per I/O than similar disk-based systems, in less space, with less power.

3. Ease of Integration
Massive flash performance boosts are not nearly as useful if they don’t support and integrate with your key applications, hypervisors and operating environments. HUS VM offers application plug-ins, application-aware snap management (via Hitachi Application Protector) and deep VMware integration to ensure you are ready to hit the ground running.

4. Unmatched Reliability
HUS VM all flash system continues the uncompromising quality, nonstop uptime and 100% data availability that Hitachi systems are known for. From Hitachi patented flash modules that offer advanced durability, to online microcode updates or support for advanced replication, you are ready for 24/7 computing and no sleepless nights. Ask us about our 100% data availability guarantee!

5. Supreme Flexibility
When your needs change, HUS VM can change with you. You may need an all-flash, no-compromise performance system today, but desire the economics and management advantages of storage virtualization and dynamic tiering tomorrow. With HUS VM, you can adapt on the fly with the ability to change to a hybrid system, virtualize external storage, and support advanced Hitachi functionality.

6. Unified Management
HUS VM all flash system is supported by the same award-winning Hitachi Command Suite as the rest of our storage lineup. With Hitachi, there’s no reason to learn a new set of management tools to take advantage of all-flash performance.

7. Remarkable Efficiency
While the cost per I/O makes flash an increasingly logical choice, getting the most out of your flash purchase is critical for the best return on investment. With Hitachi Dynamic Provisioning and Hitachi Thin Image snapshot software, you can allocate more than you use in flash and copy without capacity overhead. Order a unified system with file deduplication for a multiplier effect of flash efficiency.

8. Virtualize and Turbocharge
As the only all-flash storage system with external storage virtualization, HUS VM all flash system can be added into an overtaxed environment of older HDS or 3rd-party storage. You’ll see immediate performance, management and utilization benefits. Support for tiering to external storage means you can ensure the hottest data sits in your new flash capacity, and the life of your on-floor assets is extended.

9. Portfolio Breadth
When partnered with Hitachi and considering HUS VM all flash system, you can rest assured that you’ll get the solution that best suits your needs for today and the future. The broad Hitachi storage portfolio makes it possible. Our myriad offerings mean that if we realize a tiered or disk-based system is what best suits you, not only can HUS VM be adapted to meet your needs, but we can also propose another solution that will do so.

10. Here Today, Here Tomorrow
Fast, flash-based storage systems have been arriving on the market from vendors of all shapes and sizes. Acquisitions, mergers and buyouts seemingly change the vendor landscape on a quarterly basis. If you want no-compromise, all-flash performance and a trusted partnership you know will stand the test of time, Hitachi and our 100-year history can provide both.

HUS VM all flash system provides all the performance expected from all-flash storage systems, with none of the compromises required by most current offerings.