



SPEED

*your path to virtualization—
and the cloud.*

HP VirtualSystem for Microsoft

Cost-effective virtualization without the complexity

Solution brief

Overcome the complexity.

In today's enterprise data centers, IT agility is essential. It is one of the keys to keeping pace with the speed and scale of a fast-moving business. And virtualization gives you this all-important agility. It has been widely adopted to break down IT silos, increase flexibility, and improve business continuity.

But there's a catch: complexity. To deploy a virtualized environment, you need to make significant financial and staffing investments. It's no wonder then that 76 percent of IT decision makers consider reducing virtualization complexity their No. 1 priority.¹

Today, HP and Microsoft® are making it much easier for your organization to overcome the complexity and capitalize more fully on the benefits of virtualization. With the advent of HP VirtualSystem for Microsoft, you have a faster, simpler path to a virtualized environment.

A complete, high-performance virtualized system

HP VirtualSystem for Microsoft simplifies and extends HP Converged Infrastructure into optimized solutions for Microsoft Hyper-V®-based server virtualization, delivering a complete, high-performance virtualized environment with pre-tuned server, storage, networking, and systems management. With HP Factory Express services for hardware configuration as well as Start Service for HP VirtualSystem for onsite integration (both available in late 2011), HP VirtualSystem for Microsoft eliminates the need for you to rack, cable, and configure virtualized infrastructure on your own, and enables compliance with HP and Microsoft virtualization best practices.

With HP VirtualSystem for Microsoft, you can worry less about availability and performance problems that may impact your business.

Here's why.

- HP VirtualSystem for Microsoft, designed for high availability with no single point of system failure, has fully redundant servers, networks, and storage paths.
- HP VirtualSystem is based on HP P4000 LeftHand SAN solutions, which deliver the performance, high availability, ease of management, and efficiency required by virtual server environments. They come with an all-inclusive enterprise-class SAN management software suite, including thin provisioning, snapshots, Microsoft application integration, and synchronous and asynchronous replication for high availability and disaster recovery. The advanced clustered architecture of HP P4000 LeftHand SAN solutions allows you to pay as you grow and delivers a no-single-point-of-failure storage infrastructure to match Microsoft Hyper-V's high availability. The HP P4800 SAN for BladeSystem version is the world's first SAN converged into the HP BladeSystem architecture offering leading density, ease-of-deployment, and networking efficiency.

¹ Source: IDC, Report No. 223551, June 2010.



The HP Converged Systems portfolio

HP VirtualSystem is one of three categories of HP Converged System solutions that are designed for today's application needs: HP VirtualSystem, HP CloudSystem, HP AppSystem. Each of these systems is a complete solution that is tested, integrated, optimized, and scalable. And each is built on a common platform of HP Converged Infrastructure.

- HP Networking provides instant agility to accelerate virtualization through Converged Infrastructure. You can drive down total cost of ownership through better network utilization, lower total support costs, and higher density per watt.
- HP Insight Control for Microsoft System Center allows HP Insight Management to work hand in hand with Microsoft System Center to manage your Hyper-V ecosystem—from hardware infrastructure through applications. For customers that need to manage heterogeneous environments, including Microsoft and non-Microsoft operating systems and applications, HP will also offer HP SiteScope software as a heterogeneous manager of managers. And the entire solution runs on the industry's leading x86 server platform and Microsoft Hyper-V, the world's fastest growing hypervisor. HP ProLiant and HP BladeSystem come with built-in remote management and flexible networking capable of supporting any workload. Microsoft Hyper-V improves resource efficiency and availability with dynamic memory and virtual machine live migration.

HP VirtualSystem for Microsoft offers a choice of modular systems for midsize or large deployments. By pre-selecting the right hardware configuration and an integrated software stack, complete with onsite installation services, HP and Microsoft take the complexity out of virtualization. Characterized, proven, sized, and validated, HP VirtualSystem for Microsoft delivers the platform you need to reliably drive your business.

HP VirtualSystem for Microsoft is a path to private cloud and is validated for the Hyper-V Cloud Fast Track program. As the foundation for a Hyper-V private cloud, HP VirtualSystem for Microsoft is cloud-ready when you are.

Services that you would expect from HP

Start Service for HP VirtualSystem simplifies and accelerates the deployment of VirtualSystem. Short duration services include integration to the data center, orientation, and handover. Customers can benefit from the discovery and analysis of HP Virtualization Assessment, and then engage us to plan and migrate workloads onto HP VirtualSystem. These are part of the HP consulting portfolio of services that spans strategy, assessment, design, test, implementation, and training, and then transitions to HP Solution Support.

HP Solution Support provides a single point of contact for support of the end-to-end total solution. HP supports all components of the solution, including hardware and software. Additional services are available to upgrade the support to meet your business needs.

To make things even easier, HP gives you a single point of contact for purchasing, deploying, and maintaining your HP VirtualSystem.

Achieve greater agility.

To compete in the age of the Instant-On Enterprise, your business has to have an agile IT foundation that is cloud-ready. Because ultimately, an organization can move no faster than its IT infrastructure.

Built on Converged Infrastructure, the HP VirtualSystem for Microsoft gives you this must-have agility—in a single, easy-to-deploy solution. This is, quite simply, a faster, simpler path to virtualized environments.

For more information

To explore HP VirtualSystem for Microsoft in more detail, visit www.hp.com/go/virtualsystem.

To learn more about the hardware and software components you need to deploy HP VirtualSystem prior to availability of HP Factory Express and Start Service for HP VirtualSystem, just download the data sheet companion to this document.

Microsoft



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