

Solution brief

Accelerate mobility and bring your own device



HP ConvergedSystem for Citrix XenDesktop

Fully tested and validated blueprint defines the optimal configuration for supporting hundreds of virtual desktop users on a converged system appropriate for mixed client virtualization workloads.



Simple deployment of common apps in a virtualized environment

Built on decades of HP technical expertise, Citrix best practices, and validated lab testing, this HP reference architecture is tuned to help you mitigate deployment risk, reduce provisioning time, cost, and errors so that you can deploy Citrix XenDesktop faster and more efficiently.

With HP ConvergedSystem 700 as its foundation, it also includes single-system management via HP OneView, and a single point of support to reduce risk and speed problem resolution.

Simplify client virtualization

With innovation disrupting every business in every industry, your success will be determined by your ability to transform IT to meet the new expectations of consumers and business customers with speed and agility.

That means supporting today's global and highly mobile workforce with a New Style of IT, leveraging innovative solutions for data and application delivery that:

- Enable your people to work from any location, at any time, with support for bring your own device (BYOD)
- Deliver the next-generation applications that can revolutionize productivity
- Streamline management of a large and distributed workforce
- Enable seamless collaboration, eLearning, and unified communications
- Guard against security breaches, regardless of the device being used

Of course, enabling anywhere, anytime application and information delivery while still protecting corporate information and reducing desktop management sounds like a tall order. But you can do it all with HP ConvergedSystem 700 for Citrix® XenDesktop®. This proven blueprint includes everything you need for desktop virtualization success.

A new approach to IT— HP ConvergedSystem

New workloads and business demands are forcing organizations of all sizes to reevaluate the way they buy and manage infrastructure. Today's decision-makers want the simplicity of pre-engineered systems and single-vendor support. They are looking for modular, repeatable building blocks that are tuned to handle unpredictable workloads. And they want it all wrapped in a software-defined management platform for servers, storage, and networking that automates all layers of the data center and streamlines routine tasks. Of course, they also need these systems to deliver fast time to value. That's why HP introduced the ConvergedSystem.

Giving you what you need and want

Taking efficiency to new heights, HP ConvergedSystem 700 delivers virtualization and supporting infrastructure as complete, extremely efficient, all-in-one systems that are quick and easy to install and use.

HP ConvergedSystem 700 for Citrix XenDesktop includes standardized building blocks of HP ProLiant Gen9 servers, HP 3PAR StoreServ storage, networking, and rack and power, integrated with Citrix virtualization. The system is open and flexible, supporting either HP or Cisco Top of Rack (ToR) switches.

And it's all powered by HP OneView, a fresh take on infrastructure management that brings together your administrators, equipment, and processes to meet the management requirements of the New Style of IT. HP OneView converged management radically simplifies everyday tasks, mitigates project risk, reduces operational expenditures (OPEX), and improves agility and efficiency so your IT organization can deliver business value faster, at a lower cost, and with greater consistency and reliability.

Giving users personalized desktops

To meet each worker's unique needs and requirements for the desktop environment, Citrix developed an advanced delivery technology called the Citrix XenDesktop FlexCast Management architecture. This powerful platform enables IT administrators to personalize virtual desktops to meet the specific performance, security, and flexibility requirements of end users.

Our solution partner



¹ HP SmartCache Performance done with equivalent controller in a controlled environment. HP Smart Storage engineers, Houston, Texas, as of 18 May 2014.

² Anonymous customer results. Customer was able to reduce the time to build and deploy infrastructure for 12 call centers from 66 days to 1.

³ HP Internal analysis. Comparison between DL380 Gen9 vs. DL380p Gen8 with Sandy Bridge processors.

We do the heavy lifting

Reduce costs and risk

Deploying a new application or service can take months to complete. And if things don't go as planned, months can easily turn into a year.

When you choose HP ConvergedSystem 700 for Citrix XenDesktop, development time is drastically reduced because HP and Citrix engineers have done all the upfront work for you.

HP teamed with Citrix to validate Citrix XenApp and XenDesktop with the HP ConvergedSystem 700 to deliver the best performance and functionality for virtual desktop infrastructure (VDI) users.

The result—your organization saves the budget you would normally spend on:

- Solution design
- Consulting services
- Building the optimal workload infrastructure
- System testing
- Software testing and integration

Your solution benefits

All of this adds up to a solution that is:

Fast

- Speed time to value by cutting deployment time with a proven methodology
- Reduce costly design and configuration errors
- Give users faster application access
- Enjoy 4X faster server performance¹
- Enable 66X faster service delivery via ProLiant Gen9 innovations²

Simple

- Leverage pre-sized configurations for productivity workers using Citrix XenApp and XenDesktop
- Design, order, and deploy validated, integrated ConvergedSystem 700 with ease
- Manage more simply and effectively with HP OneView converged management

Efficient

- Realize a faster return on investment (ROI) with a system engineered specifically for client virtualization
- Increase compute capacity 3X with lower total cost of ownership (TCO)³
- Support mixed workloads and hundreds of clients using a single converged system
- Lower costs and reduce risks using a proven infrastructure and architecture

Flexible solutions from a trusted partner

HP ConvergedSystem 700 for Citrix XenDesktop accelerates the business outcomes for client virtualization by offering greater simplicity, reduced risk, and lower operating costs. And all of this is enhanced by the immeasurable value of working with a market leader that has an established track record of consistently delivering and supporting solutions across the globe.

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