



SOLUTION BRIEF

FlashStack™ for Citrix Virtual Desktops

Rapidly deploy simple, reliable 100% NVMe infrastructure for desktop virtualization.



THE CHALLENGE

The growing needs of the mobile workforce, along with erratic virtual desktops, can bring productivity to a halt and increase costs in today's environments, impacting business agility and innovation. At the root of most failed Virtual Desktop Infrastructure (VDI) deployments is slow, complex infrastructure that lacks the power and scale to keep up with production VDI deployments. For a successful desktop virtualization environment, solving the infrastructure problem is critical.

Yet the deployment of virtual desktop infrastructure can be complex, time consuming, and costly. IT departments are increasingly looking to converged infrastructure and integrated architectures to alleviate these problems and to help standardize and consolidate desktop workloads. Unfortunately, existing converged infrastructure solutions are often based on old, slow, inefficient disk storage or on nonoptimized hybrid storage systems—making them unsuitable for workloads like VDI that demand an always-on, high performance foundation.

THE SOLUTION: PURE STORAGE FLASHSTACK FOR CITRIX

FlashStack™ for Citrix Virtual Desktop is an efficient, all-flash converged infrastructure foundation that speeds time to deployment, lowers costs and reduces deployment risks. Combining best-in-class compute and networking components from the Cisco UCS platform with Pure Storage® all-flash storage, FlashStack accelerates application delivery, drives higher productivity from staff and systems, and creates a sustainable advantage for your business. Make your organization faster, more profitable, and smarter: unleash the power of real-time analytics, and create new, innovative customer experiences that simply weren't possible with disk.

EMPOWERING

Support critical workloads, build a cloud, and compete like never before.

EFFICIENT

Choose among mini, small, medium, and large solutions to optimize your floor space, power, and budget.

EVERGREEN

Upgrade and scale the performance and capacity of your infrastructure without disruption.





HIGH PERFORMANCE

FlashStack for Citrix Virtual Desktops allows you to virtualize mobile workspaces and applications easily. Achieve consistent sub-millisecond latency, eliminating performance bottlenecks and keeping users productive, even as you use the abundant power of FlashStack to consolidate and accelerate other critical workloads.

SCALE WITHOUT IMPACT

Get linear, non-disruptive scalability for Citrix Virtual Desktops environments. FlashStack maintains sub-ms latency while desktop numbers scale from hundreds to thousands—even with resource-intensive productivity desktops—and offers the flexibility to expand capacity and performance independently. Compute (nodes and/or virtual machines) can be allocated and retired on demand and the storage layer can be expanded and upgraded as needed, without any impact on VDI performance.

ENTERPRISE GRADE

Keep vital desktops online with > 99.9999% uptime for Pure Storage FlashArray. FlashStack offers highly-available architecture, redundant components, and Pure Storage Pure1® support to keep desktops up and running. Take advantage of seamless upgrades and capacity expansion in server, network, and storage components. Protect your data with storage-native snapshots and replication, as well as data-at-rest encryption, at no additional cost.

CITRIX READY PARTNERS

FlashStack is Citrix Ready VDI Capacity Program Phase II Validated (CVD). Fully tested and documented, FlashStack offers rapid deployment and supports a range of tools to simplify operations. Manage your VDI infrastructure as a unit from VMware vCenter while you simplify storage operations with the Purity operating environment. No storage tuning or tiers necessary.

LOWER INFRASTRUCTURE COSTS

Realize lower TCO via dramatic savings in power, cooling, management and space with an all-flash modular solution. Data reduction is often up to 10:1 or 20:1 total efficiency with VDI—meaning an overall lower cost per desktop than disk. (Both stateless and persistent desktops reduce to the same space on the Pure FlashArray™.) And with the Pure Storage Evergreen™ storage business model, you'll free yourself from expensive and disruptive forklift upgrades for good.

FOR MORE INFORMATION

To learn more about FlashStack solutions, contact:

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