

# TOP 10 REASONS WHY CUSTOMERS DEPLOY CITRIX XENDESKTOP ON EMC VNX STORAGE

## 1 EMC VNX UNIFIED STORAGE

EMC® VNX® unified storage is **the** platform for Citrix XenDesktop running over any storage protocol—block (iSCSI, Fibre Channel, FCoE) or File (CIFS, NFS). This platform makes it simple for organizations to efficiently deploy desktop virtualization and helps them transform Microsoft Windows desktops and applications into an on-demand service. Organizations are ensured of performance with powerful multi-core Intel CPUs, a 6 Gb/s SAS backend, and an optimized user experience with Flash technology available to any user, anywhere, on any device.

## 2 EMC FLASH 1<sup>ST</sup> STRATEGY

Combine just a few Flash drives with the EMC FAST Suite (FAST Cache and FAST VP) to significantly improve Citrix XenDesktop performance, absorbing up to 80 percent of boot I/Os. Maximize storage efficiency by automatically tiering mixed application data across drive types for the lowest effective cost per I/O.

## 3 POWERFUL SAVINGS

EMC's FAST Suite mitigates Citrix XenDesktop boot and log-in storms along with virus scans, OS upgrades, and software patching that also trigger I/O spikes, which places a lot of stress on the storage infrastructure. Use FAST Cache and optimize Flash utilization to reduce spindle count, resulting in reduced block and file storage costs (storage represents nearly 40 percent of total virtual desktop spend). FAST Cache allows you to boot and patch 1,000 Citrix XenDesktops in eight and 10 minutes respectively with only two Flash drives. This demonstrates that FAST Cache can save you money in floor space, cooling, power, and other costs associated with large arrays.

## 4 OPTIMIZED FOR VIRTUALIZATION

VNX is optimized for virtualization and qualified with Citrix XenDesktop running on all major hypervisors including VMware® vSphere™, Microsoft Hyper-V, and Citrix XenServer. And for vCenter™ administrators, EMC Virtual Storage Integrator (VSI), a VNX/VNXe® plug-in for VMware vSphere 5, helps simplify and automate the creation/provisioning and registration of large scale multiple Citrix XenDesktop machines.

## 5 DESKTOP SECURITY

Desktop images contain critical data which must be secured. RSA offers token based (RSA® SecurID™) and risk-based authentication (RSA Adaptive Authentication) solutions for Citrix XenDesktop and Citrix XenApp customers. Authentication is done right at the end-point device to ensure that the user is who he or she claims to be, reducing the risk to the organization. With RSA Data Loss Prevention (DLP), RSA has the first Citrix Ready certified DLP solution that protects the data that users access.

## 6 EFFICIENT AND SCALABLE

EMC VNX reduces Citrix XenDesktop capacity requirements up to 50 percent with built-in efficiency technologies (block compression, thin provisioning, file-level deduplication/compression) eliminating the need to buy more storage as user and application data needs increase.

## 7 EASE OF MANAGEMENT

EMC Unisphere™ is the unified storage management platform that provides an intuitive user interface for an application context-based approach to managing VNX and VNXe storage in Citrix XenDesktop environments. Unisphere delivers simplicity, flexibility, self-help, and automation for managing a Citrix XenDesktop storage environment, including features like single sign-on, multi-box monitoring for remote locations, virtualization integration, comprehensive dashboard views, and customization capabilities.

## 8 BACKUP AND RECOVERY

EMC Avamar® deduplication backup software and system provides the unique ability for IT to protect both the virtual server and desktop environments while allowing desktop/laptop users to recover their own data. For Citrix XenDesktop efforts, this allows the best of both worlds—IT administrators back up the environment, and end users perform their own recovery—which is good news for your help desk.

## 9 EMC TESTED AND SUPPORTED

EMC Proven™ Solutions ensure that Citrix XenDesktop performance, efficiency, and scalability requirements are met. We provide reference architectures and documented proven solution guides/best practices based on rigorous lab testing to remove risk from the virtualization of your mission-critical XenDesktop infrastructure deployment.

## 10 CITRIX TRUSTS EMC VNX

EMC and Citrix share a unique partnership and vision that guides our research, development, and overall go-to-market direction. Citrix runs its executive desktop environment, as well as its briefing center, on VNX storage. Since Citrix trusts its premier XenDesktop environment to EMC, shouldn't you? Learn more at [www.EMC.com/citrix](http://www.EMC.com/citrix).

### CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at [www.EMC.com](http://www.EMC.com).

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