TOP REASONS WHY CUSTOMERS VIRTUALIZE THEIR DESKTOP INFRASTRUCTURES WITH EMC VSPEX

Transform your end-user computing environment with simple, efficient, and flexible virtualization solutions

The EMC® VSPEX™ end-user computing (EUC) solutions for Citrix XenDesktop with VMware® vSphere® 5 provide IT with flexible architectures to improve accessibility, centralize management, and increase security.

VSPEX SIMPLIFIES YOUR ENVIRONMENT

1. SIMPLE CONSOLIDATION
   Consolidate your end-user-computing environment with EMC VSPEX reference architectures that are built with proven best-in-class technologies to create complete, modular, pre-validated virtualization solutions that allow for flexibility, faster deployments, and greater efficiency.

2. FLEXIBLE REFERENCE ARCHITECTURES TO MEET YOUR IT NEEDS
   Deploy EMC storage architectures with unparalleled flexibility. VSPEX enables you to combine industry-leading compute, network, and virtualization technologies into a pre-validated infrastructure. VSPEX architectures ensure predictable levels of performance, and eliminate the planning, sizing, and configuration burden of moving from physical desktops to a virtual desktop environment.

3. OPTIMIZED FOR VIRTUALIZATION
   Optimize your XenDesktop virtualized desktop infrastructures with VSPEX with EMC VNX™. VNX is qualified to run all XenDesktop operations. VSPEX solutions also deliver optimized backup and recovery for VMware, Hyper-V, and your XenDesktop environment with EMC Avamar® and its variable-length, client-side deduplication for simple, efficient backup.

4. SCALE EASILY
   Easily scale and expand your environment to deliver predictable high performance and high availability for up to 2,000 virtual desktops. VSPEX solutions for end-user computing use a building-block approach that can scale to thousands of virtual desktops. EMC VNX maximizes your flexibility while architecting and configuring Citrix XenDesktop solutions. In addition, with EMC Avamar for backup, you’ll get the best of both worlds—IT managed backup for virtual desktops and the rest of your virtual environment—no matter the size—combined with end-user self-service recoveries. Your IT help desk just let out a cheer.
SIMPLIFY SECURITY
Simplify security by virtualizing your operating systems, user data, and applications in centralized solutions for simplified management and better utilization. Centralized systems enable administrators to insulate their environments and increase security and compliance. For end-user backup and recoveries, EMC Avamar allows data to be encrypted both in flight and at rest for added security.

VSPEX REDUCES YOUR COSTS

BUILT-IN STORAGE EFFICIENCIES DRIVE DOWN STORAGE REQUIREMENTS AND COST
Drive down storage requirements and cost with VNX unified storage. VNX enables organizations to build an information infrastructure that lets you easily scale and manage more data—more efficiently—making any Citrix XenDesktop deployment a reality. VNX helps reduce data storage requirements in your Citrix XenDesktop environment up to 50 percent with built-in efficiency technologies including block compression, thin provisioning, and file-level deduplication/compression.

REDUCE BACKUP STORAGE AND BANDWIDTH
Reduce backup storage requirements by 10 to 30 times despite protecting end-user data and network usage by 99 percent through EMC Avamar global, client-side deduplication.

CENTRALLY MANAGE AND PROTECT
Provide complete, unmodified virtual desktops that can be deployed in minutes with Citrix XenDesktop, allowing users to personalize and have maximum control of their desktop environments without the need for application sharing or end-user retraining. Easily add and provision unified storage from VNX with EMC Unisphere™, and simplify backup management with one solution for VMware and your virtual desk environment—even your remaining physical environment—with EMC Avamar and Data Domain®.

VSPEX SPEEDS YOUR ENVIRONMENT

EMC FLASH 1ST
Improved performance with EMC’s FLASH 1st strategy ensures that you don’t have to make concessions for cost or performance. When even a few Flash drives are combined with FAST Cache, you can significantly improve performance and maximize storage efficiency while realizing lower costs—automatically and regardless of storage protocol or XenDesktop configuration. EMC FAST Suite enables you to boot up to 1,000 XenDesktops in just eight minutes while using fewer drives compared with equivalent competitive configurations without Flash drives.

SPEED BACKUP AND RECOVERY
Lower your backup times from days to minutes by reducing network and CPU utilization with EMC Avamar’s variable-length, client-side deduplication. And ensure complete end-user computing protection with EMC Avamar database plug-ins and integration with vStorage APIs that assure protection of not just end-user data, but the infrastructure and database data constituting the EUC environment.

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.