

END USER COMPUTING AND DELL EMC UNITY: AN IDEAL MATCH

Deliver Snappy Virtual Desktop Performance with a Simple, Flexible and Affordable Flash Array

BENEFITS

Performance. Rapidly provision and boot VMware Horizon View and Citrix XenDesktop EUC desktops in a few minutes while preserving the end-user experience throughout the entire desktop life cycle.

Unified Solution. Implement a complete EUC solution with both the desktop VM data storage and the user file shares on the same unified (SAN/NAS) Dell EMC Unity storage array.

Simplified Management. Easily deploy and manage virtual desktop storage with intuitive Unisphere management, space efficient snapshot mobility and thin clones, and Virtual Storage Integrator (VSI) plug-in technologies.

Low Cost. Enjoy a modern flash design with density up to 516TBe in 5U and affordable low pricing leading to unprecedented EUC values for small and medium organizations with \$45 or less per desktop.

Converged Infrastructure. Modernize EUC with turnkey, truly plug-n-play solution leveraging VCE Vblock System 350, a converged appliance built with Dell EMC Unity storage platform.

The workforce of today's mobile era expects the freedom, flexibility and choice of when, where and how the work gets done. End-user computing (EUC) gives IT the opportunity to affordably centralize, virtualize and deliver applications, desktops, and data with greater control, security, and efficiency.

A positive user experience is critical to any successful EUC deployment. User expectations are increasingly being set based on the rapid response times of devices such as tablets and workstation-class laptops with solid-state drives (SSDs).

Virtualizing physical desktops and centralizing them in a data center enable end-users to have device-independent, on-the-go anywhere access. But it also means moving desktops from consumer-grade storage to enterprise-grade storage with an order of magnitude higher cost. To make these EUC solutions economical, typically restrictions are put on end-users (e.g. lack of user personalization) leading to less than desirable end-user experiences with the virtual desktops.

Dell EMC Unity, a modern, flexible, and affordable mid-range storage family designed for flash performance and incredible simplicity, changes all of that. Its modern flash architecture and powerful data efficiency technologies makes it the ideal choice for delivering affordable performance at scale for EUC environments in small and medium enterprise organizations. Dell EMC Unity's fully unified platform, 2U form factor, simplified deployment and management, and all-inclusive software rapidly enable a production-ready EUC environment while reducing the total cost of ownership (TCO) and preserving the full end-user experience.

DELIVER A GREAT END-USER EXPERIENCE

Designed to deliver predictable performance with modern flash technologies, Dell EMC Unity yields fast application response times in virtual desktop environments. The end-user desktop experience is unaffected by I/O storms, anti-virus scans, application peak demands or user activity. In VMware Horizon and Citrix XenDesktop environments, 500 virtual desktops can be booted under 8 minutes. The entire write-heavy EUC IOPS workload can be absorbed with just a few flash drives. With Dell EMC Unity, EUC users in small and medium enterprise organizations can finally enjoy the best desktop experience.

Any device.
Any time.
Anywhere.



UNIFY VM DATA AND USER FILE SHARES

Storage vendors typically recommend separating VM data and user data for EUC deployments. The performance-oriented VM data for hundreds of virtual desktops are placed on a flash-based array, whereas a separate capacity-oriented array is deployed to host file shares where users store their documents. This leads to costly and unwieldy EUC deployments with management complexities, especially for the small and medium enterprise organizations with smaller number of EUC users.

Dell EMC Unity, a fully unified storage array with support for both SAN and NAS protocols, allows IT organizations to simply and flexibly configure their EUC infrastructure using the protocol of choice — block (iSCSI, Fiber Channel) and file (CIFS/SMB & NFS) – with co-location of the desktop images and user data on the same array leading to an affordable and easy to manage EUC deployment.



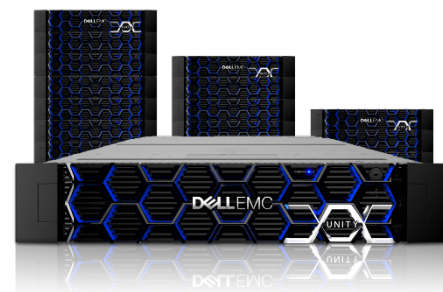
Unified Storage: Consolidate VDI & User Data Files

SIMPLIFY EUC STORAGE MANAGEMENT

Dell EMC Unity empowers the EUC administrators to rapidly rack and stack the array with just a few cables, use less power, and manage the environment with a new, intuitive and simplified HTML5 Unisphere interface. With the downloadable, no-cost Dell EMC Virtual Storage Integrator (VSI), users have the ability to easily deploy Citrix XenDesktop and VMware Horizon virtual desktops from the familiar VMware vCenter interface itself. Pools of hundreds of desktops can be easily set up, provisioned, and ready for user logins in very little time.

LOWER TCO AND COST PER DESKTOP

Starting at less than \$10,000, Dell EMC Unity Hybrid Flash arrays are designed using the latest flash technology to deliver predictable performance and making EUC incredibly affordable. Dell EMC Unity redefines how EUC is deployed, ushering in a new era of user experience and unprecedented simplicity, all at a very low cost. With configurations starting at \$45 or less per desktop, small and medium enterprise organizations can enjoy an unmatched TCO and low cost per desktop that meets their budget requirements.



MODERNIZE EUC WITH A CONVERGED INFRASTRUCTURE

VCE Vblock 350 is a converged system with a single point of management and support for all servers, networking and Dell EMC Unity storage that are pre-integrated, pre-engineered and tested at factory. It offers an ideal infrastructure for a complete, turnkey, truly plug-n-play, and fully compliant EUC solution for small and medium enterprise deployments.



[Learn more](#) about Dell EMC Unity solutions



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