

Pure Storage FlashArray: Uncomplicated Storage for VDI

Achieve better VDI results with greater efficiency.

Modern workspaces are evolving as mobile and remote workforces become increasingly common. While remote work was already gaining traction, the COVID-19 pandemic required organizations to quickly adapt to a new reality that is here to stay. Virtual desktop infrastructure (VDI) helps remote employees and contractors work from anywhere, anytime, and on almost any device. But VDI can suffer from storage-related challenges, such as poor performance, limited scalability, and complex management. FlashArray™ products from Pure Storage® help overcome these issues with uncompromising simplicity, low infrastructure costs, and real IT agility via the Evergreen//Forever™ subscription—all while providing a great experience for VDI users. Additionally, as part of an infrastructure-modernization strategy, FlashArray can help organizations decrease carbon emissions, helping with environmental, social, and governance (ESG) initiatives.

Simplicity by Design

Storage infrastructure should be easy to deploy and smart enough to manage itself. Pure builds uncompromising simplicity into FlashArray products that helps reduce IT staff overhead by streamlining complex configuration tasks. By providing simple and secure, cloud-based management, predictive support, and artificial intelligence (AI)-based optimization, Pure lets your IT staff focus on more important tasks instead of complicated solutions like RAID levels, performance tiers, block sizes, compression, and encryption. All these details are automatically handled by Purity, the software heart of FlashArray.



Uncompromising Simplicity

Pure Storage helps reduce IT staff overhead, which lets that staff focus on more important projects and tasks.



Cloud-based Management

Purity provides simple, secure cloud-based management, predictive support, and AI-based optimization.



Lower Infrastructure Costs

FlashArray transparently deduplicates and compresses data, which helps lower infrastructure costs.



Figure 1. Pure Storage FlashArray products are available in multiple configurations that can scale to any size of VDI deployment.

Lower Infrastructure Costs with Global Data Reduction

Pure Storage FlashArray products deduplicate and compress data transparently and globally, without any impact on performance. These deduplication and compression capabilities result in an [industry-leading 5:1 data-reduction average](#), and a 10:1 or more total efficiency average for VDI workloads.

Evergreen//Forever Provides Flexible, Scalable Storage

Growth is not always predictable, but managing growth is crucial to success. Managing VDI growth is easy with an Evergreen//Forever subscription. This model makes it easy to expand capacity and density, and to upgrade to higher performance hardware as new Pure Storage technology becomes available. You only pay for what you need and avoid complex forklift upgrades.

Accelerate VDI Performance with FlashArray

Poor VDI performance can lead to frustration and lower productivity. Pure Storage helps deliver fast VDI desktops, even during peak demand. Purity integrates with VMware's storage offload engines to provide [high performance levels across VDI workloads](#), while sub-millisecond response times keep VDI desktops performing the way employees expect. You can provision datastores based on business needs, rather than performance.

Simplify Your VDI Deployments with Pure Storage

Pure Storage can help you simplify your VDI deployment and management, lower your infrastructure costs, make upgrades simple and cost effective, and accelerate your VDI desktops. For more information about VDI solutions, visit www.purestorage.com/solutions/infrastructure/vdi.html.

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