



# The Ultimate Storage for Citrix XenDesktop

DELIVERING THE ALL-FLASH VIRTUAL DESKTOP EXPERIENCE FOR LESS THAN DISK

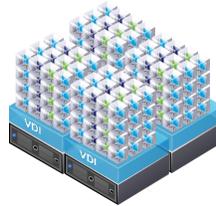
Spinning disk has failed to meet XenDesktop performance needs, legacy storage is the #1 inhibitor to virtual desktop adoption.



**High Cost:**  
Storage typically the highest cost in virtual desktop deployments



**Poor Performance:**  
Slow IO causes poor response times and complaints from users.



**Failure to Scale:**  
Traditional arrays run out of IO horsepower, preventing enterprise-wide VDI scale.

Virtual desktops and virtualized applications are the “perfect storm” of difficult IO for traditional storage arrays: 100,000s of IOPS and a heavy write-dominated IO mix. When XenDesktop implementations fail either technically or economically, the root cause is most often legacy storage. Storage typically accounts for 50% of the infrastructure cost of virtual desktop deployments, and fixing the storage problem by deploying more disks quickly results in unsustainable cost and complexity. Put simply: legacy disk-based storage just wasn’t designed to keep up with the performance and economic challenges of XenDesktop.

## Pure Storage delivers the best virtual desktop experience:

- The All-Flash User Experience**  
Deliver to your customers a better end-user experience: desktop security and mobility with better performance than a laptop with local SSD.
- Affordable:** 100% flash for less than disk  
Pure Storage enables all-flash desktops at or below the cost of traditional spinning disk arrays. The FlashArray uses less power, cooling, and data center footprint, too.
- Scale & Reliability**  
With your organization’s productivity hanging in the balance, virtual desktops are now mission-critical. Pure Storage delivers full active/active resiliency with no single point of failure.
- Simplest Administration**  
Desktop admins don’t want to be storage admins. Pure Storage is simple to install and configure and is the easiest storage array you’ll ever manage.

## ALL-FLASH EXPERIENCE

- Consistent low <1ms latency delivers better performance than a laptop with local SSD

Disk: 5-10 ms

Pure Storage: <1 ms

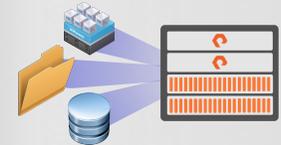
## 5-10X DATA REDUCTION

- Inline deduplication and compression enable flash to cost *less* than disk

VDI Images

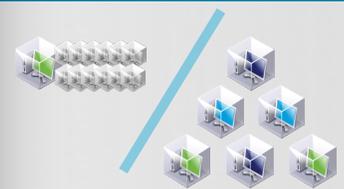
5-10x

## MULTIPLE WORKLOADS



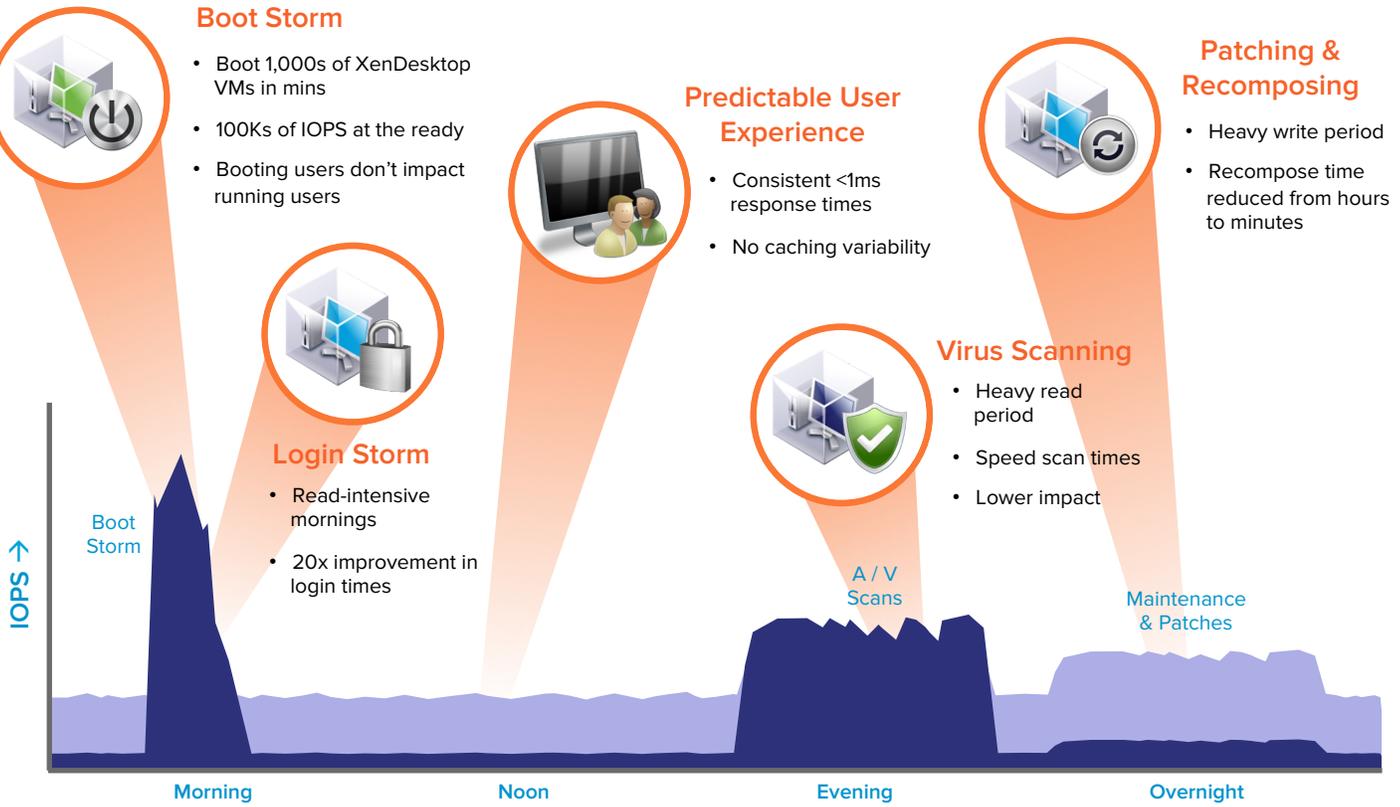
- Consolidate XenDesktop VMs alongside server, and database workloads without impacting performance

## STATELESS OR PERSISTENT



- Both stateless and persistent desktops reduce to the same space on the FlashArray

## Pure Storage solves challenges throughout the XenDesktop day:



## Scale virtual desktops from pilot to full-scale production in one architecture:

Stage	Pilot	Go Live	Expand	Scale-Up
Horizon View VMs	100s-1,000	Up to 2,000	Up to 5,000	5,000+
Raw Capacity	2.75 TB	5.5 TB	11 TB	35 TB
Usable Capacity*	10-20 TB	10-20 TB	20-50 TB	175-350 TB

\* Assumes RAID-3D plus 5-10x data reduction.

## Pure Storage makes VDI administration faster:

