WHY VMSTORE FOR VIRTUAL DESKTOP INFRASTRUCTURE?

> *"Our VDI just works. It's not brain surgery. It costs less than a traditional PC. Storage has never been our Achilles heel. All thanks to Tintri VMstore."*
>
> **Will Allred, Director of IT, University of Arkansas**

Companies trust VMstore to support their VDI. We've completely changed their thinking about VDI—that's because our Intelligent Infrastructure delivers a different experience. You see, conventional storage or standard infrastructure simply isn't built for VDI (it's built for physical workloads). Tintri VMstore is the ONLY storage system specifically built for virtualized environments and to enable VDI.

Challenge #1: VDI requires heavy manual management and tuning time

CONVENTIONAL STORAGE

Requires a storage expert to work with LUNs, volumes, striping, RAID, I/O and other archaic storage concepts.

INTELLIGENT INFRASTRUCTURE

VMstore is the ONLY storage system that uses individual VMs as the unit of management. Since there are no LUNs or volumes, non-storage experts can easily manage VMstore.

Challenge #2: VDI performance suffers from boot storms and virus scans

CONVENTIONAL STORAGE

Schedule workloads sequentially in a First-In-First-Out (FIFO) manner, so that boot storms and virus scans cause traffic jams.

INTELLIGENT INFRASTRUCTURE

VMstore maintains your desktop image in its Active Working Set—always available in flash—so you get all-flash speed. And every VM gets its own 'Quality of Service' lane to guarantee performance.

Challenge #3: Storage over-provisioned to buffer VDI performance

CONVENTIONAL STORAGE

Either over-provision current storage or over-spend to buy expensive all-flash appliances.

INTELLIGENT INFRASTRUCTURE

The VMstore dashboard shows you a capacity gauge and a performance gauge so you know exactly how much headroom you have available. Zero guesswork and no over-provisioning. And VMstore delivers 99% of IOPS from flash; offering you all-flash performance with hybrid value.

> ## *"Without Tintri VMstore we would have ended up abandoning VDI."*
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> **Kris Duffy, Systems Analyst, Schwabe North America**

ESG Labs decided to assess VMstore's fit with VDI. They regularly test storage solutions in their lab, and Tintri vastly outperformed the competition. In a 1,000 user example:

Total datastores requiring management	1 datastore
Time to install, configure and deploy first VM	8 minutes
Time to deploy 1,000 linked clones	2.5 hours
Cost per VM	<$60

According to ESG Labs' final report: "There is almost zero configuration required in the Tintri VMstore—the product is fully tuned and ready to use the moment it gets an IP address."

If your organization has prioritized VDI, then your storage should too. Tintri is storage built specifically for VDI, so it can be faster, cheaper, and better than physical desktops.

> *"The ease of installation and configuration was superior.* The insight it provides to our virtual infrastructure is invaluable. Tintri VMstore is definitely a major component of our VDI success."
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> **Steven Goodson, Network Admin, William Woods University**

> *"We had extremely high I/O load, caused by VDI.* We had VM datastores with EMC and NetApp and the I/O load had brought both systems to their knees. We placed a VMstore on the floor and within 20 minutes were moving workload over. I/O was restored and wait states were returned to normal levels."
>
> **VP IT, Enterprise Financial Services Company**

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