TOP TEN REASONS WHY CUSTOMERS DEPLOY DELL EMC VMAX ALL FLASH

1 | Extreme Performance
We’re fast, really fast. In fact, VMAX All Flash arrays with the latest 3D NAND flash technology and FlashBoost deliver up to 6.7 million IOPS and 150 GB per second for those demanding OLTP, decision support, and virtualized applications.

2 | Amazing application response times
Let’s face it, the best application response time always wins. VMAX All Flash is architected to process all IOs through blazing fast cache memory, ensuring 350-microsecond response times for your applications.

3 | Optimal storage efficiency
Efficiency is our middle name. Not only can customers achieve 2:1 reduction with the latest inline compression technology, but when adding high-efficiency snaps and zero-space reclaim, you will see up to 4:1 storage efficiency—now guaranteed by Dell EMC. This capability dramatically reduces cost per GB and data center footprint. Best of all, inline hardware compression comes with all VMAX All Flash arrays.

4 | Mission-critical availability
When it comes to mission-critical availability, no one does it better than VMAX All Flash. Whether it is proven active-active data center replication, non-disruptive hardware and software upgrades, or the highly resilient no single-points-of-failure architecture, VMAX All Flash delivers 6 nines of availability for mission-critical applications. Avoid unplanned downtime all together with VMAX!

5 | Unmatched data services
VMAX All Flash isn’t just an enterprise storage array, it’s a lot more. Its built-in storage hypervisor enables trusted data services such as embedded management and embedded NAS file services. Add to that TimeFinder SnapVX snapshots, SRDF active-active remote replication, and data at rest encryption, all protected by VMAX mission-critical availability. With just two simple software packages to choose from, the F and FX Package, the entire platform is managed by Unisphere, with its easy-to-use, wizard-driven intuitive user interface.
Massive consolidation
Massive may be an understatement. VMAX All Flash consolidates up to 4 PBe of block, file, open systems, mainframe, and IBM i capacity onto a single platform. This lowers the overall cost of ownership by reducing the physical footprint, power and cooling requirements, and operating expenses. And with up to 64,000 devices, VMAX All Flash arrays have plenty of headroom for replicas, snapshots, and unexpected bursts in storage growth.

Data Domain data protection
Combining the gold standard of primary storage (Dell EMC VMAX) with that of data protection (Dell EMC Data Domain) gives you the best of both worlds. Dell EMC ProtectPoint with direct Data Domain backups of VMAX eliminates the need for traditional backup applications while providing the benefits of native full backups. ProtectPoint provides non-intrusive data protection of VMAX workloads while performing backups 20 times faster and lowering infrastructure costs up to 38 percent.

Really easy non-disruptive migrations
We get it. You need a reliable way to move from previous VMAX arrays to a blazing fast VMAX All Flash array. But it has to be really easy and can’t disrupt your operation. With just three steps, Dell EMC’s built-in non-disruptive migration (NDM) allows customers to migrate applications and data at the right time and at the right place.

Unparalleled security
VMAX All Flash offers incredible security features that keep your data protected for life. To start, data at rest encryption secures every drive and delivers integration with external key managers—enabling customers to simplify security through a centralized key management platform. SnapVX secure snaps prevent accidental or malicious deletion of your snapshots, protecting them until they reach their specified retention period. Lastly, VMAX All Flash customers can leverage RecoverPoint heterogeneous replication across Dell EMC arrays, providing more flexible disaster recovery in your data center. You can trust that your data is secure with VMAX All Flash.

Investment protection - with no hidden costs
VMAX All Flash is part of Dell EMC’s Future-Proof Storage Loyalty Program, which gives you additional peace of mind with guaranteed satisfaction and investment protection for future technology changes.

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