Flash-optimised
storage solutions for a
future-ready
enterprise

Thanks to shrinking budgets, fewer staff and other pressures brought about by a tough financial climate, IT staff no longer have the time to spend on basic storage management issues. Their expertise must be spent on more than just keeping the system running.

This is why future-ready enterprises require storage management systems that deliver:
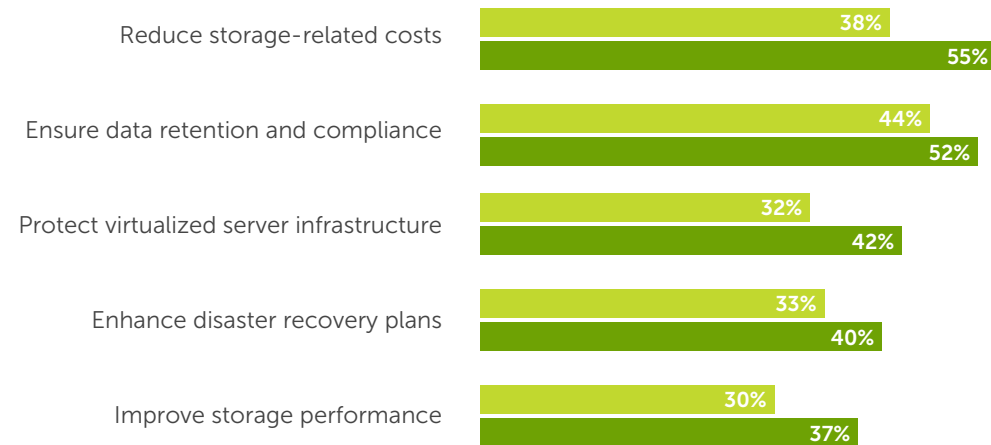
Operational efficiency

Ease of management

High performance

Learn more ›

Achieve top business priorities with your storage solution strategy.

When the International Data Corporation (IDC) asked IT managers to name their top priorities regarding future spending, several patterns became clear. Organisations with more than 1000 employees were most likely to prioritize storage. Storage-related costs were their top priority, while organisations with less than 1000 employees said that data retention and compliance was their chief concern.

Reduce storage-related costs
- 38%
- 55%

Ensure data retention and compliance
- 44%
- 52%

Protect virtualized server infrastructure
- 32%
- 42%

Enhance disaster recovery plans
- 33%
- 40%

Improve storage performance
- 30%
- 37%

How storage can drive your objectives

The move to a consolidated, standardized and automated IT infrastructure is now a top priority for many enterprises. This transition boosts capabilities while driving down the costs of doing business.

- ✓ Expands operation and management beyond storage specialists
- ✓ Extends virtualization into storage
- ✓ Extends the life of legacy storage
- ✓ Supports business objectives
- ✓ Maximizes price/performance
- ✓ Reduces total cost of ownership
- ✓ Enables business continuity and disaster recovery
- ✓ Enables automation
- ✓ Simplifies data migration
- ✓ Adds scalability

Business value by the numbers

Average ROI
513%

Average payback
6.2 months

IDC interviewed 15 worldwide customers about the business value of their Dell storage systems. The results give a clear picture of what the exceptional performance of Dell storage means for your bottom line.

Why Dell is one of the fastest-growing hybrid flash providers[2]

Any flash array can run fast, but modern workloads need more than just speed. That's why Dell has flash-optimised all aspects of our intelligent data capabilities to create full-featured enterprise-class solutions that have established Dell as leaders in the flash revolution. The Dell SC Series, powered by Intel® Xeon® processors, is fully-optimised for flash.

Intelligent data placement

The Dell SC Series was the first enterprise array to auto-tier data across SLC and MLC flash as well as spinning disk. Our intelligent data placement software was rewritten specifically for flash and allows us to deliver enterprise-class performance and sub-millisecond latency with fewer tier 1 drives.

Support for SSD and HDD

Dell Storage arrays offer up to 24x performance improvement and same price for capacity as 15K hard disk drives. That efficiency comes from using a combination of SSD more effectively. Data placement technology ensures the highest tier is available for incoming writes. Higher-capacity, read-intensive drives keep costs low.

Enterprise storage features

Enterprise-class workloads demand enterprise-class storage features. Dell flash storage arrays also feature a full suite of storage software—like unified file and block storage, snapshots, synchronous and asynchronous replication, utilisation reporting, third-party integration and more.

Dell storage savings come from four main areas

1 Infrastructure

2 IT administration

3 IT user productivity

4 Overall business productivity

Learn more at Dell.co.uk/flash

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Intel Inside®. Powerful Solution Outside.

DELL