

# The industry's most comprehensive portfolio of multicloud-capable storage from a single vendor<sup>1</sup>



## The pitfalls of limited data infrastructure in the AI era

Some vendors have a narrow view of storage, but using a limited approach to data infrastructure in the AI era can lead to waste, inefficiency and reduced productivity due to misaligned architectures, functional limitations and cobbled-together solution stacks.

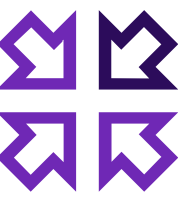


## Elevate AI outcomes with more complete solutions

AI demands data infrastructure that is massively scalable from the start, seamlessly upgradable, and consistently efficient with minimal effort. With a comprehensive portfolio of technology resources and integrated platforms, Dell Technologies provides more complete solutions than traditional storage vendors, delivering superior results for the AI era.<sup>1</sup>

IDC ranked Dell Technologies No. 1 in worldwide enterprise storage.<sup>2</sup>

[Learn more](#)



## Challenges of limited data infrastructure

- Scalability and interoperability barriers leading to costly upgrades
- Downtime from limited self-healing capabilities
- Inconsistent service levels due to incomplete automation
- Long outages from disaster recovery and data protection gaps
- Data breaches from security loopholes
- Licensing and support issues from using multiple vendors

## Achieve better AI outcomes with Dell Technologies Storage

### Better outcomes for data scientists and data engineers

- Greater productivity** with higher performance and scalability per rack unit and at the highest levels.
- Higher efficiency** with leaner data footprint and more scalable hardware.
- Better security** with proactive detection and prevention of malicious activities before data can be compromised.
- Smarter infrastructure** with automated data management across multicloud environments and globally distributed namespace spanning regions and geographies.
- Greater cost effectiveness** with the ability to tailor and mix hardware, then seamlessly manage infrastructure by adding, removing, and repurposing hardware.
- Faster time to value and better user experiences** with AI-targeted professional services for every stage of the AI journey.

[Learn more](#)

### Better outcomes for IT security analysts

- Simpler security administration**, with a security management framework that allows managing data protection and consistent security policies across platforms.
- Faster, more efficient, and reliable backups**, with backup software for on-premises and multicloud deployment, excelling in performance, platform coverage, security, data reduction, and simplicity.
- More efficient and reliable protection storage**, with backup appliances achieving up to 65:1 data reduction<sup>3</sup> and excelling in cyber resilience.
- More capable and complete SaaS-based offerings** for backup and cybersecurity, supporting hybrid workloads and platforms like Microsoft 365, Google Workspaces, SFDC, and endpoints, alongside services including threat detection, cyber recovery, penetration testing, and secure data analysis and recovery.

[Learn more](#)

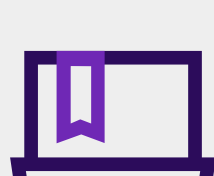
### Better outcomes for developers, dev tech ops, and cloud admins

- Safer cloud infrastructure** with native active/active remote replication and certification for secure environments.
- Smarter scaling** with cloud infrastructure that scales natively and uniformly, up or out, and allows TLC and QLC drives within the same cluster.
- Leaner data reduction** with an unmatched 5:1 data reduction ratio guarantee<sup>4</sup> and industry-leading capacity analytics reporting for both reducible and irreducible data.
- Simpler lifecycle management** and world-class support, including controller upgrades, scale-out options, next-gen appliances and additional benefits such as a 25% capacity allowance and annual modernization consultations.<sup>5</sup>
- Superior multicloud management** with broad virtualization compatibility – whether bare metal or hypervisor-based – for any ecosystem. Run existing and new virtual machines alongside containers and AI workloads no matter your choice of architecture.
- Faster DevOps workflows** with advanced services provisioning within your chosen management and orchestration platform. Native integrations and plug-ins for Red Hat OpenShift, VMware vRealize Orchestrator, Kubernetes, Ansible, and Terraform enable rapid resource deployment.

[Learn more](#)

## Complete solutions. Better AI outcomes.

Storage solutions from Dell Technologies can align more precisely to your organization's needs, better meet your requirements, and ultimately help you do more with less. Simply put, Dell Technologies delivers complete and innovative data infrastructure resources to achieve better outcomes for the AI era.



[Learn more](#) about how to unlock superior AI outcomes with Dell Technologies Storage.



1. Based on Dell analysis, Sept. 2024.  
 2. Based on IDC Quarterly Enterprise Storage Systems Tracker, 2024Q2, Sept. 2024 – Vendor Revenue.  
 3. Based on Dell internal testing and field telemetry data, February 2024. Actual results may vary.  
 4. Based on Dell's Future-Proof program that offers 5:1 data reduction guarantee based on PowerMax data reduction tools (dedupe and data compression) for open systems storage, August 2024. See [terms and conditions](#) for details. Actual data reduction rates will vary.  
 5. Dell Technologies, [Lifecycle Extension with ProSupport or ProSupport Plus](#), Sept. 2024.