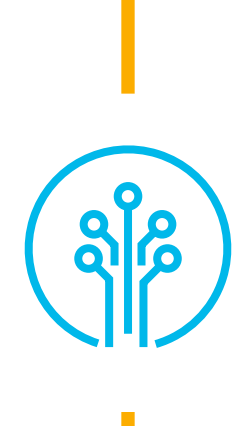# 10

Reasons why
Dell EMC PowerScale is ideal
for all your file workloads

Easily handle the most demanding and critical data rich projects with the incredibly flexible, award winning Dell EMC PowerScale enterprise scale-out file storage platform. Find out why the world's leading companies trust PowerScale to consolidate their unstructured data into a single data lake.

1
Simplicity at any scale
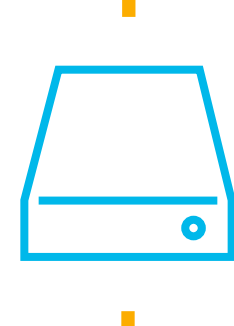
One pool of storage from 3 to 252 nodes.

Start small and grow to petabyte scale without downtime. Add new nodes in 60 seconds, add processing, memory, cache and storage to grow with your needs and remain simple no matter how large your data gets.

2
Exceptional storage utilization

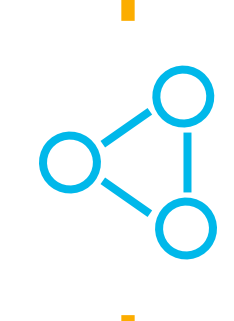**Up to 80% storage efficiency[1] for lower costs. Thank you OneFS.**

All PowerScale storage nodes deliver high-speed in-line data compression and deduplication to improve storage utilization, while a single data lake eliminates data silos for maximum efficiency.

3
Simultaneous multi-protocol access

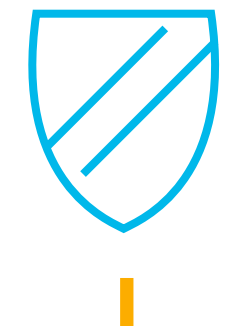**End the data silos and enable collaboration.**

Support universal access – NFS, SMB, HDFS, S3, NDMP, REST, HTTP, and FTP protocols to the same shared data pool – to create an effective data lake strategy. Keep data connected and accessible to all users with minimal effort.

4
Always protected, secure, compliant

Designed for 6x9s availability, API-integrated ransomware protection.

Protect and secure critical data assets from outages and cyber attacks with enterprise-grade availability, redundancy, security, data protection and replication. API-integrated ransomware protection helps to defend and protect data from cyber attacks. We take compliancy seriously with HIPPA, PCI DSS and CCPA compliance built-in.

5
Edge, core, cloud deployment flexibility

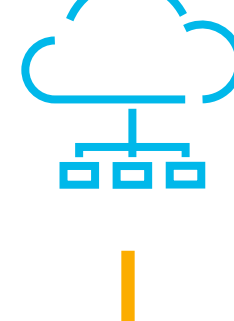**Handle any data, anywhere.**

On-premises or public cloud, PowerScale can handle it all. Keep pace with demanding data workloads with powerful all-NVMe and all-flash solutions with NVIDIA GPUDirect support. Handle large, active archives with our dense, efficient archive nodes. Consume as an appliance, in APEX Data Storage Services or in the cloud. Your data, your choice.

6
Public cloud storage with data control

Save up to 89% in storage costs.[2]

Give AWS, Google Cloud, Microsoft Azure and Oracle Cloud compute workloads the storage they need at a fraction of the cost of public cloud storage – all while retaining complete control of your data. Handle demanding public cloud services with cloud-scale performance, reliability and multi-petabyte scale – delivered by PowerScale.

7
Intelligent insights into your data

Get more from your data and storage with CloudIQ and DataIQ.

Easily determine the health of your infrastructure from the palm of your hand with CloudIQ. Manage your data with DataIQ, which lets you scan and index billions of files and objects across your storage and cloud environment and move datasets where needed.

8
Integrates with your applications

250+ industry app integrations and certifications.

We ensure our storage and data management portfolio will work seamlessly with your existing business applications to power data engineering, data science, data warehouse, and data lake projects. Support Apache Flink, Spark and Hadoop, Dremio, Yellowbrick, Databricks, Vertica, Adobe, Splunk and a universe of modern data analytics applications.

9
Expertise and leadership[3]

2,000+ Healthcare customers

1,900+ Financial firms

8/10 Top broadcasters

8/10 Top biotechs

Proven expertise in 22+ verticals and horizontal applications, including 43% of the safety and security market, 100+ deep learning, 400+ analytics and 4,500 backup and archive customers. We won a Technology & Engineering Emmy® Award and were selected by NBC Olympics to store digital video content from the Tokyo 2020 Olympics.

10
A complete, interconnected portfolio

Dell EMC PowerScale, ECS, ObjectScale and Streaming Data Platform.

A complete portfolio for unstructured data.

Address all your unstructured data workloads with a powerful portfolio of industry leading solutions to handle file, object and streaming data from the data center to the edge and cloud.

DELL Technologies

Stop managing your storage and start innovating with your data with Dell EMC PowerScale, the world's most flexible scale-out NAS solution.[4]

DellTechnologies.com/PowerScale