TOP FIVE REASONS TO DEPLOY DELL EMC POWERSCALE FOR HEALTHCARE

5

1 | Eliminate islands of storage

Dell EMC PowerScale OneFS provides truly scalable performance and an ever- expanding namespace for the consolidation of an organization's file shares and healthcare applications— eliminating file server sprawl, streamlining management, simplifying backup and disaster recovery operations, and reducing costs.

2 | Eliminating storage migration

The simplicity of the Dell EMC PowerScale OneFS single file system solves the biggest pain point in healthcare application storage—time-consuming and costly manual client and storage migrations. Dell EMC PowerScale Autobalance technology completely removes the time, cost, and complexity of manual migrations from the infrastructure, regardless of scale, thus eliminating storage node hotspots, balancing capacity, and ensuring the optimization of resources in the system.

3 | Predictable scalability

Storage nodes can be added to a Dell EMC PowerScale cluster in about 60 seconds with no downtime, making upgrades easy and predictable without adding complexity. Regardless of future needs, Dell EMC PowerScale's seamless non-disruptive migration of data, automatic rebalancing, simplified cluster expansion, linear scalability, performance monitoring and NVMe support give our customers greater performance ability. And lastly, we provide our customers with the opportunity to scale out to 10's of Petabytes, scale to the edge and scale to the cloud.
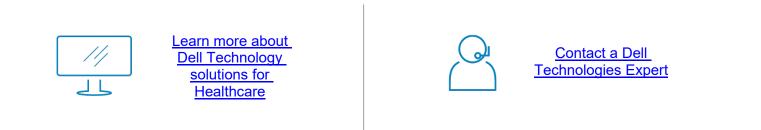
4 | Simple, efficient automated tiering

Dell EMC PowerScale SmartPools, PowerScale SyncIQ and PowerScale CloudPools allow you to focus more on your business, eliminating the need for time consuming, manual processes. A single PowerScale NAS cluster can automatically tier data onto the appropriate node type, archive, hybrid, or all-flash, allowing for mixed of workloads to be performed—including radiology PACS, cardiology PACS, Vendor Neutral Archives (VNA), digital pathology, next generation sequencing, file share and other archive repositories—without sacrificing application performance.

5 | Make data an asset not a burden

Dell EMC PowerScale storage solutions for Hadoop combine a powerful yet simple and highly efficient storage platform with native Hadoop integration, allowing you to accelerate analytics, gain new flexibility, and avoid the costs of a separate Hadoop infrastructure. PowerScale is the only scale-out NAS platform natively integrated with the Hadoop Distributed File System (HDFS). Using HDFS as an over-the-wire protocol, you can deploy a powerful, efficient, and flexible Big Data storage and analytics ecosystem for all of your clinical and patient data.

[Learn more about Dell Technology solutions for Healthcare](#)

[Contact a Dell Technologies Expert](#)