Dell EMC PowerMax for EHR

Deliver critical patient data when and where it is needed most

Modernize health IT infrastructure for clinical apps

Focused on patients and point-of-care

Health IT transformation

Reliable storage is imperative for an EHR

An EHR environment is your most critical workload

The world's fastest storage array

Simple operation

Trusted innovation

Global, inline deduplication and compression

Security

AI/ML

Healthcare data requirements continue to grow

PowerMax allows you to scale up and out, allowing capacity and performance to grow with you

Engineered service levels for guaranteed performance, allowing full consolidation on a single array

4PBe capacity

Up to 5:1 data reduction

Global, inline deduplication and compression

Hardware based for optimized performance, drives efficiency even as it scales with up to 5:1 data reduction

Intelligent dedupe + compression

6 billion decisions per day

40 million data sets

AI/ML

Data Protection

99.99999%

Designed for 99.9999% availability for mission-critical availability of your EHR workloads

Powerful architecture, simple operation, and trusted innovation relied on in healthcare environments

Consolidate all of your EHR workloads onto a single platform (multiple databases, 3rd party apps, dev/test)

Controller-based data at rest encryption

D@RE SRDF software

Industry gold standard in disaster recovery

Patient data is safe and protected

SRDF/Metro delivers active/active high availability replication

Dell EMC PowerProtect storage direct give you 20x faster direct backups to Data Domain +8K hospitals worldwide work with Dell EMC

65% of storage infrastructure in US hospitals runs on Dell EMC

HIMSS Analytics- June 2019

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1. World's fastest storage array - Based on Dell EMC internal analysis of published bandwidth of the PowerMax 8000 versus competitive mainstream arrays, July 2019.

2. 350GB/S Bandwidth - Based on Dell EMC internal analysis of Random Read Hits Max GB per Second (within a single array) for the PowerMax 8000, July 2019.

3. Less than 100 microseconds read latency based on Dell EMC internal analysis using the random read hit benchmark for a single PowerMax 8000 array, July 2019.

4. Up to 15 Million IOPS - Based on Dell EMC internal analysis of Random Read Hits Max IOs Per Second (within a single array on 2 /f_loor tiles) for the PowerMax 8000, July 2019.

5. Analyze and forecast 40 million data sets in real-time - Based on Dell EMC internal analysis of PowerMax 8000 with 200TB of capacity, July 2019.

6. 6 Billion decisions per day with built-in machine learning - Based on Dell EMC internal analysis of a single PowerMax 2000 or 8000 array, July 2019.

Intel® Xeon® Processor