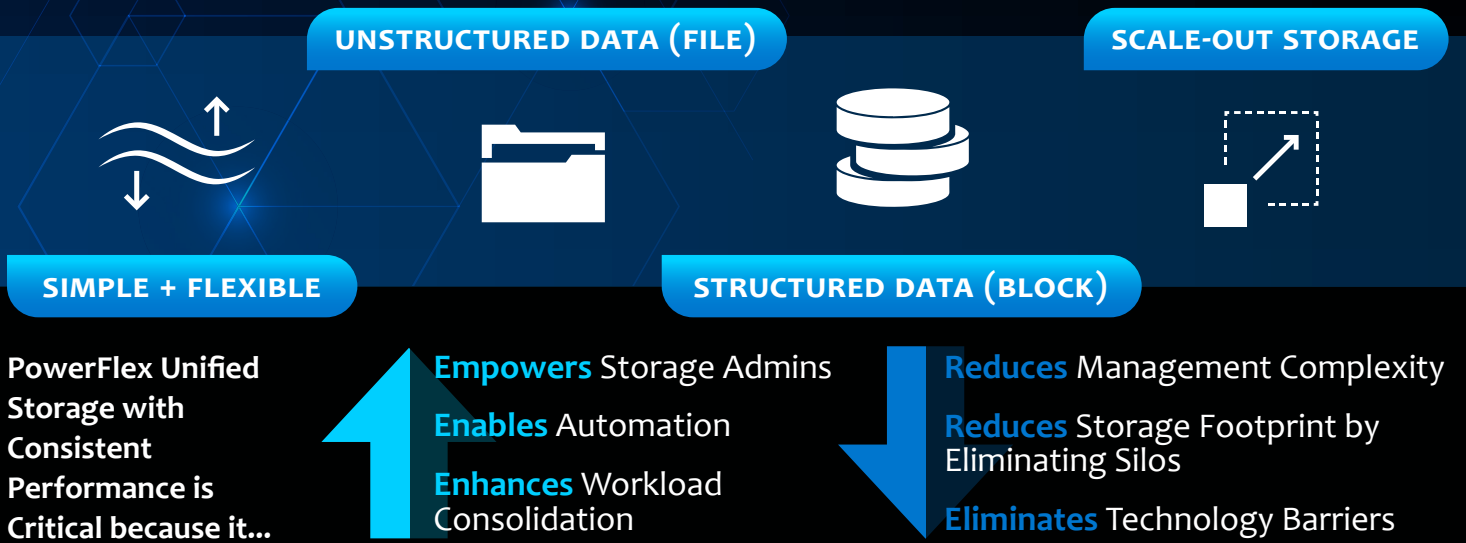


FROM CHAOS TO ORDER

SILOS → UNIFIED

Dell PowerFlex Software-Defined Unified Storage Platform with KIOXIA PM7 Series 24G SAS SSDs



The Dell PowerFlex system combines Block and File storage into a unified solution supporting structured and unstructured data workloads. PowerFlex delivers exceptional performance and eliminates storage bottlenecks for workloads like OLTP, OLAP, and streaming data.

- >1.3M OLTP Transaction (Block + File) IOPS**
- >15GB/sec OLAP/Streaming Operations**
- Submillisecond Latency From Only 4x Storage Nodes**

TPCC-like benchmark tests were conducted in Dell Infrastructure labs, simulating OLTP-type workloads by PGbench and VDbench with synthetic data populated; more than 86k Simultaneous Database transactions were executed

Block Workloads + File Workloads

Block Workloads

- High-Performance Computing
- Virtual Machines
- Production Database Workloads
- AI + ML

File Workloads

- Production Database Workloads
- Content Repositories
- Media + Entertainment
- Healthcare PACS
- NFS Datastores

