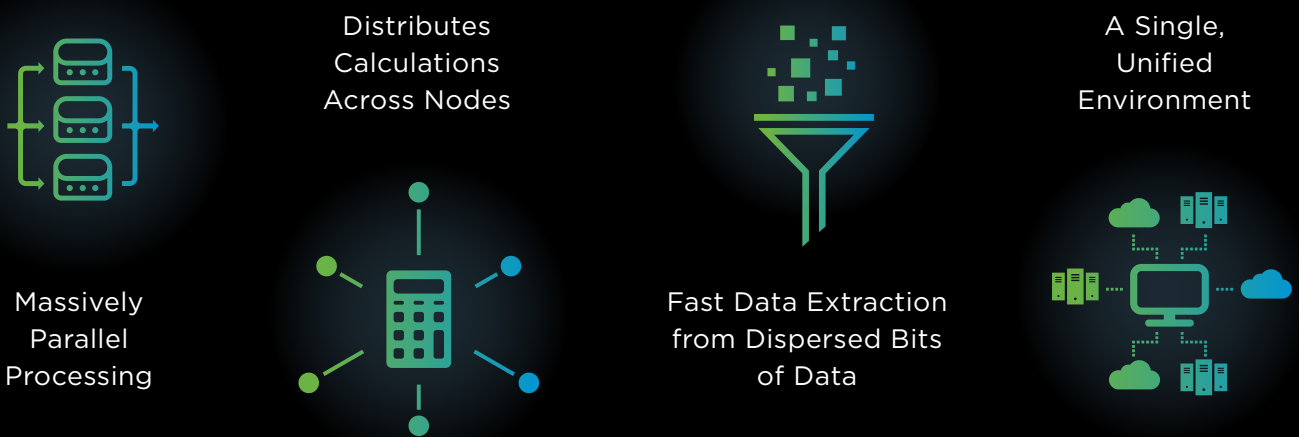**DELL**Technologies

VMware Greenplum

VMware Greenplum on Dell PowerFlex
Featuring KIOXIA CM6 Series NVMe™ SSDs

A BETTER PLATFORM FOR BUSINESS INTELLIGENCE AND ANALYTICS

Massively Parallel Processing

Distributes Calculations Across Nodes

Fast Data Extraction from Dispersed Bits of Data

A Single, Unified Environment

Complete Greenplum database workloads (OLTP, OLAP, and ETL) on a single unified Dell PowerFlex software-defined infrastructure delivering exceptional performance and no storage bottlenecks

Over 17 Million OLTP Transactions per Hour

262 Billion Records Inserted per Hour

40K+ OLAP Queries per Day

~20GB/sec Throughput

Sub-ms Latency

KIOXIA
CM6
BiCS FLASH™
Enterprise NVMe™ SSD

PowerFlex
Flexible, Scalable Software-Defined Infrastructure

VMware
Powerful Virtualization Management

Greenplum
Massive Data Warehouse and Analytics Engine

KEY APPLICATIONS

- Software-defined storage and virtualization
- Data warehousing
- Online transaction processing (OLTP) (transactional and relational databases)
- Business intelligence
- Artificial intelligence and machine learning

Why PowerFlex & VMware for Greenplum

Extreme Performance & Scale

PowerFlex supports Greenplum's massively parallel processing capabilities with enterprise-level results, meeting stringent SLAs

Linear scaling of performance without latency impact

Flexibility & Availability

Scale storage and compute together or independently

Enhanced database protection with replication, consistency groups and snapshots
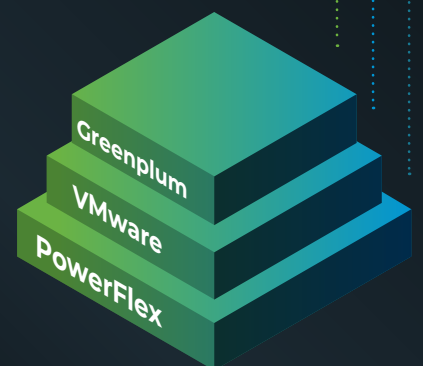
Simple Management

Workload isolation with protection groups and lifecycle management with PowerFlex Manager

vSphere provides centralized management of Greenplum while vMotion enables resiliency

PowerFlex

Greenplum
VMware
PowerFlex

Achieve Superior Performance and Scalability, Virtualize and Consolidate Workloads, Run Analytics, and Streamline Data Science Operations on a Single Platform with VMware Greenplum on Dell PowerFlex Featuring KIOXIA CM6 Series NVMe™ SSDs