

# OPTIMISE NEXT-GEN ANALYTICS WITH DELL EMC



In the new digital economy, analytic applications are quickly becoming the backbone of the modern enterprise. As next generation analytics applications show value and become critical, the storage platform they are built on must provide the capabilities needed to keep pace.

## Dell EMC PowerStore

- Innovative AppsON capability runs virtualised workloads directly on the storage appliance
- Single modern architecture for a wide range of physical, virtual, or container applications
- Performance optimised – end-to-end NVMe design and high speed Optane SSD drives
- Scale up and scale out – independently add compute and storage
- Outstanding efficiency with thin provisioning and 4:1 advanced data reduction
- Programmable infrastructure – streamlines IT and DevOps environments
- Autonomous appliance – built-in automation and machine learning
- Proactive machine analytics – smart monitoring predicts health needs
- Support for non-disruptive hardware upgrades
- Flexible deployment – modernise the core, edge, and cloud without disruption
- Anytime Upgrade – choice, predictability, and investment protection with non-disruptive data-in-place upgrades

The insights gleaned from the data collected and processed from these applications can inform and drive future business and commercial needs. For these next-gen analytics, an application-driven infrastructure engineered to both optimise and consolidate existing and new business use cases for the future is key. The Dell EMC PowerStore™ storage appliance introduces a new era of storage and on-board application support for these next-gen analytics applications.

## A modern analytics solution designed for both performance and ease of management

Dell EMC PowerStore is a new type of storage appliance that utilises modern technologies like Intel Optane Storage Class Memory (SCM), which can address the high-performance needs of data collection as well as processing at the edge for next-gen analytics. The constant dynamic changes of analytic data coupled with the need to adapt rapidly also require a storage platform built to be simply managed. PowerStore delivers a microservices management answer with a unique capacity for delivering and integrating advanced management capabilities. This modularity enables rapid time-to-market for next-gen analytics and permits maximum deployment flexibility. This intelligent, data-centric and adaptable infrastructure supports diverse data requirements for consolidating analytics data, while also simplifying IT management and operations.

PowerStore combines application and data scaling with ease of management that greatly complements analytics applications needs for scale-up and scale-out deployment models.

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