



THE ONLY STORAGE  
SOLUTION YOU NEED

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## Overview

Dedicated to delivering fast, scalable, fault tolerant storage.

## Designed to endure.

Say goodbye to inefficient tiered storage. Hexion delivers a breakthrough AllNVMe storage network, eliminating complexity while providing a single, lightning-fast and cost-effective tier. Designed for high IOPS workloads, our solution also ensures unmatched speed for backup and recovery, keeping your data always available and resilient. Now, you can consolidate all your storage needs at the cost of traditional HDD-based backup, without compromising performance. Experience the future of storage—simple, powerful, and built for speed.

**Unmatched reliability** - Our network employs erasure coding across six fibre-connected data centers, covering a distance of forty kilometers. With NVMe and our AllFlash strategy, Hexion provides outstanding reliability and speed.

**Energy efficiency and availability** - Our NVMe disks substantially lower power consumption in comparison to traditional HDD storage solutions. This efficiency leads to reduced operational costs, meeting the ever-growing demand for cost efficient data.

**Competitive pricing without compromise** - Our wholesale cost-optimised strategy enables our partners to cut their storage expenses while enjoying a faster and more efficient environment, ultimately giving them a competitive edge.



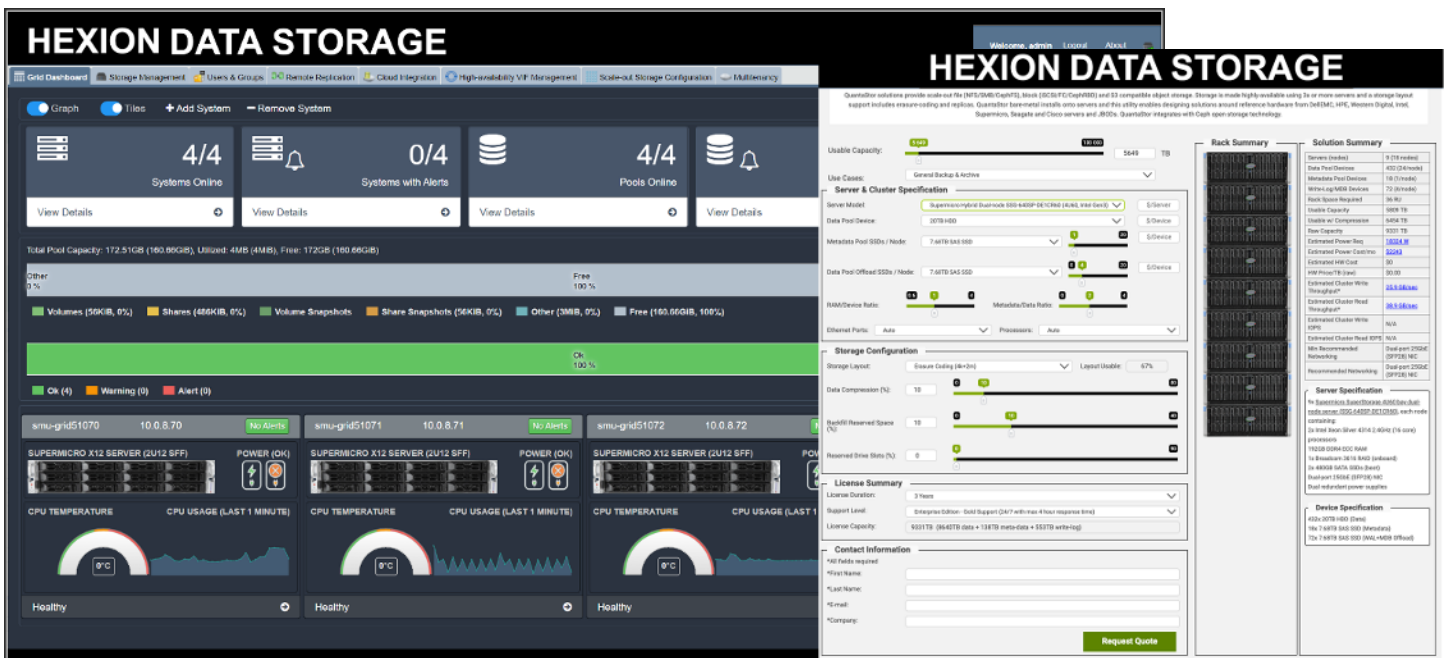
# Unmatched Scalability

Matching the exponential growth in data storage.

## Designed for growth.

The Hexion storage platform is built using a multi-tenant software-defined storage platform renowned for its infinite scalability, reliability, and performance.

Our platform seamlessly integrates with all major hypervisors and storage software solutions, including Veeam, Commvault and Redstor, and supports required protocols providing unparalleled flexibility. It also offers block, object (including S3), and file storage, supported by our blazing-fast speed of AllNVM and AllFlash hardware. With Hexion, you can be confident that your storage infrastructure can effortlessly scale alongside your growing demands, ensuring exceptional performance and data availability.





## Unmatched Speed

Meeting even the most demanding needs for speed

## Designed for performance.

The single-tier Hexion network leverages the power of leading server hardware and Micron AllNVM storage disks, delivering unparalleled performance gains for your data storage needs. Our AllNVM's high-speed interface dramatically reduces latency, enabling lightning-fast read and write operations. This translates to significantly faster data response times, improved user experience, and increased productivity. With Hexion, you can put an end to storage tiering with Hexion's one-tier Cloud data store.

Furthermore, the Hexion network boasts industry-leading IOPS (Input/Output Operations Per Second) of up to 250 000. This exceptional performance allows you to back up and retrieve data, including Veeam, up to 100x faster than traditional back up architecture, and at the same price. Why settle for slow backups when you can access all organisational data in milliseconds.





## Unmatched Throughput

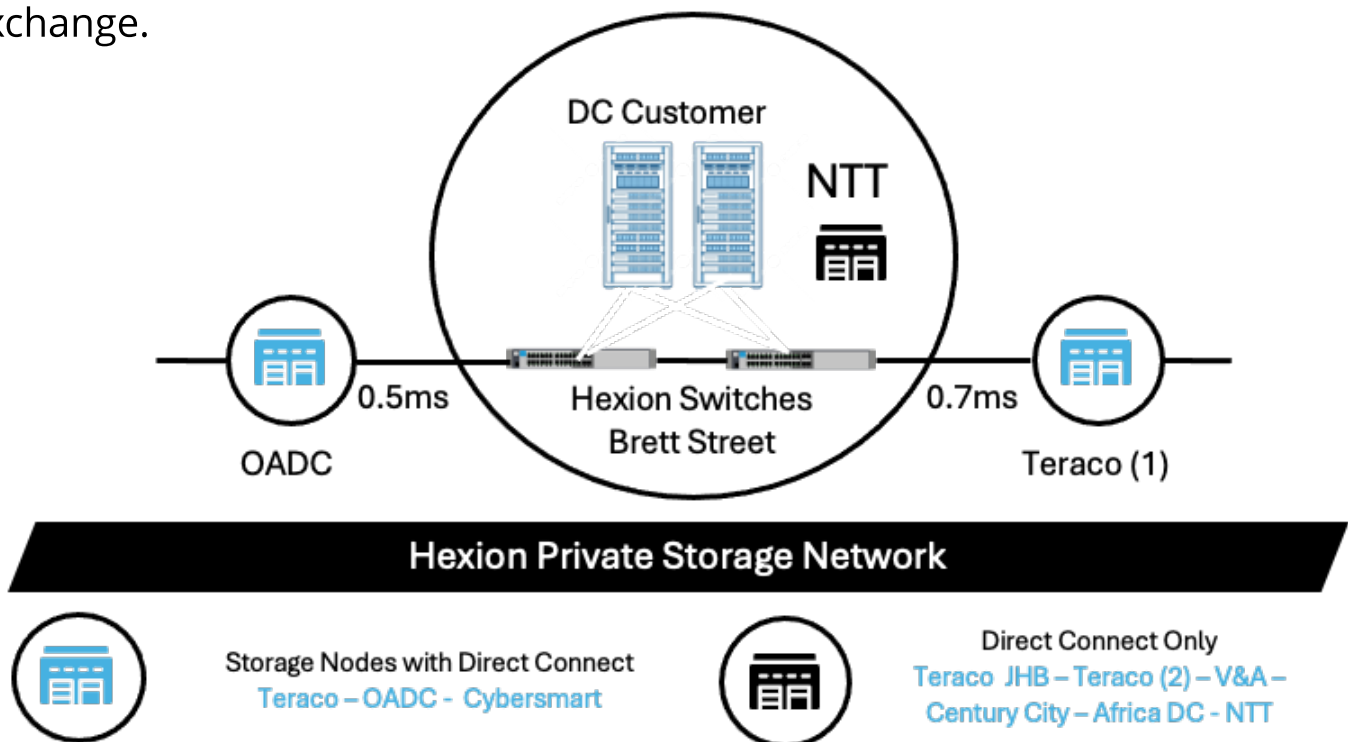
Well match your connection speed through the network

## Designed for load.

The Hexion network boasts a fully meshed 100 Gbps dark fibre switched network, ensuring fast data transfer speeds and ultra-low latency. This provides exceptional throughput, enabling you to move data quickly and efficiently.

**Direct Connect.** The Hexion network supports direct connect at Teraco Rondebosch, OADC, African Data Centers, V&A, Century City, Teraco Brackenfell, NTT Bree Street, and Cybersmart, further optimising data transfer performance.

**Internet Access.** Alternatively, you can connect to Hexion via the Internet or our peering partners including NAPAfrica (JHB/CPT) and the Teraco Cloud Exchange.





## Unmatched Resilience

Hexion anticipates even the worst fibre, network or power failures.

## Designed for failure.

The Hexion network leverages an erasure coding scheme architecture strategically dispersed across six data centers. This geo-redundancy and data distribution strategy enhances fault tolerance significantly. In addition, the system can withstand the failure of two data centers without service interruption or compromise. This ensures high availability and minimises downtime, even in the face of catastrophic events. The distributed architecture facilitates load balancing, improves performance, and enhances security by limiting the impact of localised threats. Hexion's robust network design provides a strong foundation for critical services including production workloads and Disaster Recovery.

