

# SEVEN GOOD REASONS TO DEPLOY QUANTUM ACTIVESCALE OBJECT STORAGE



- 1 Scalability and flexibility**

ActiveScale® object storage provides unlimited, independent scaling of disk and tape-based storage classes without performance restrictions even at near 100% capacity utilization.
- 2 Flexible use of storage classes**

ActiveScale supports both standard and Glacier storage classes with specially optimized 2D Erasure Coding for efficient use of tape storage and access to Glacier objects within minutes. All data is stored in a single namespace.
- 3 Cost efficiency and sustainability**

By using tape technology in the Glacier storage class, ActiveScale significantly reduces energy requirements and costs. Plus, 2D erasure coding and 3GEO geospreading enables MSPs to achieve a price advantage in competition with hyperscalers.
- 4 Security and data protection**

ActiveScale offers client-specific access rights, object lock, versioning, and data replication for maximum security, protection against data loss, and unwanted data changes.
- 5 Easy administration and maintenance**

Self-healing data structure and organization, automated firmware updates, non-disruptive migration to new technologies, and deferred, bulk replacement of defective media reduce costs and optimize operating processes.
- 6 Availability and reliability**

Individually customizable erasure coding on disk and tape, automated data repair in the event of a media failure, and distribution of data across multiple locations ensure maximum availability and reliability.
- 7 Investment protection and future-proofed**

Ongoing developments and automatic migrations using the latest hardware and software ensure smooth, secure, and cost-efficient data storage. Compatibility with the AWS (Amazon Web Services) S3 specification enables the use of current and future applications based on this technology.

Further information: [www.quantum.com/activescale](http://www.quantum.com/activescale)

Contact us: [info@quantum.com](mailto:info@quantum.com)

Quantum delivers end-to-end data management solutions designed for the AI era. With over four decades of experience, our data platform has allowed customers to extract the maximum value from their unique, unstructured data. From high-performance ingest that powers AI applications and demanding data-intensive workloads, to massive, durable data lakes to fuel AI models, Quantum delivers the most comprehensive and cost-efficient solutions. Leading organizations in life sciences, government, media and entertainment, research, and industrial technology trust Quantum with their most valuable asset – their data. Quantum is listed on Nasdaq (QMCO). For more information visit [www.quantum.com](http://www.quantum.com).

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