

Modern data platforms are here

Quantum® ActiveScale® Cold Storage + Arrow

The challenge

Organizations today face explosive growth in unstructured data driven by AI, analytics, video, research, and long-term retention requirements. At the same time, cloud costs continue to rise, access fees are unpredictable, cyber risks are increasing, and sustainability goals are putting pressure on infrastructure design.

The result

Storage environments that are expensive to operate, difficult to scale, complex to manage, and restrictive when it comes to long-term data value







The solution

Quantum® ActiveScale® Cold Storage
 Quantum ActiveScale, is an enterprise-grade object storage platform designed to scale seamlessly from terabytes to exabytes. Built supporting both **active and cold data**, ActiveScale delivers secure, durable, and cost-efficient storage in a single, always-on architecture—allowing organizations to retain access to their data without cloud lock-in or unpredictable costs.

Designed for simplicity and massive scale, ActiveScale helps organizations manage exponential data growth, reduce operational complexity, and preserve data value for years and decades.



Why it works

 <p>Reduce storage costs</p> <p>ActiveScale lowers the total cost of storing large, long-lived data sets. Integrated Active and Cold Storage Classes, can reduce storage costs by up to 80% while maintaining full data—without cloud access or restore fees.</p>	 <p>Scale without limits</p> <p>Performance, capacity, and object counts independently and non-disruptively. Grow from hundreds of terabytes to multi petabyte environments without rebalancing or downtime.</p>	 <p>Secure and durable by design</p> <p>Advanced erasure coding, encryption, object locking, and geo-distributed architecture protect data from cyber threats, hardware failure, and site outages—delivering up to 19 nines of data durability.</p>
 <p>Simplify operations</p> <p>A single global namespace, intelligent automation, and unified management allow organizations to manage hundreds of petabytes efficiently, reducing administrative overhead.</p>	 <p>Sustainable storage</p> <p>ActiveScale is designed for long media life, ultra-low power consumption for cold data, and optimized efficiency at scale—supporting sustainability initiatives while reducing energy and cooling costs.</p>	 <p>Always on performance</p> <p>Dynamic Data Placement and self-healing architecture ensure high availability and consistent performance across single site and multi site deployments.</p>



Powered by Arrow

With **Arrow and Quantum**, you gain more than best-in-class storage, you gain a partner in delivering scalable, future-ready solutions. Arrow brings global reach, deep infrastructure expertise and partner-first enablement to help you design, deploy and grow your archive strategy with confidence.

Store more. Scale freely. Unlock data value.

Future-proof your data strategy with a secure, scalable, and cost-efficient object storage platform built for the demands of modern data growth.

Start building smarter data platforms today.

Connect with your Arrow representative
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 today to learn more.

[Watch the Quantum ActiveScale Cold Storage video now](#)