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Quantum Combines Data Management and Storage in New Platform - ATFS

Delivers Application and Data Insights for Dynamic Data Visualization, Policy-based Automation, and Seamless Mobility Across Storage Terrains

SAN JOSE, Calif., Nov. 12, 2020 /PRNewswire/ -- Quantum Corp. (NASDAQ: QMCO) today unveiled its all-new data and storage management platform - Quantum [ATFS](#). It is the first network-attached storage platform to integrate real-time data classification and insights with the needs of applications, determining how storage resources are allocated and consumed. Data insights enable organizations to visualize data without the constraints of a file system, automate purposeful data placement based on policies, and optimize resources using just-in-time data movement policies. The ability to support the needs of data and applications on premise or in the cloud advances Quantum's strategy to be the leading provider of management and storage services for unstructured data anywhere.



"The engineering teams at Quantum worked with storage experts to address the many challenges IT teams face with growing storage needs. They designed an innovative and unchained solution with cutting edge technology, data provenance and analytics to provide a storage platform that works for IT, instead of IT that works for storage," noted Jeffrey McDonald, PhD, Director of Information Technology, The Hormel Institute.

Optimize Storage Resources Based on and For the Benefit of Data

Customers today are performing "unnatural acts" to manage their data – guessing at capacity and where data lives, or crawling file systems for days to find what is needed by the business. They are often uncertain about what they can delete and when they can delete it. The results are silos of data, and a loss of control and visibility. ATFS (All-Terrain File System) meets this challenge. It is designed to ensure just-in-time purposeful placement of

data, meeting the performance, resiliency, availability, and access demands of applications and workflows. As a result, ATFS delivers a consistent end user experience to deploy resources on premise or in the cloud.

By leveraging data classification, metadata and business-oriented tagging to streamline and optimize storage resource consumption, ATFS transforms storage economics, eliminating the premium organizations pay for performance. It is designed to manage hardware resources as a service to the application when and where it is needed at scale.

"The ATFS system we have at 5 Guys Named Moe is the backbone of our extremely high bandwidth cloud data migration work," said Eric A. Reid, Head of Post-Production, 5 Guys Named Moe, Inc. "Utilizing the metadata tagging built into the ATFS platform allows us to prioritize data efficiently and make sure that NVMe space is automatically allocated to the most resource intensive tasks without any manual input. This reduces costs overall while ensuring we have the right balance of storage space and high-end performance available for our workflows."

Predictable, Consistent Performance

ATFS ingests data, which can be placed into flash, bulk, or the cloud based on policies, application defined tags, or manually. Performance may be tuned based on the size of the active data set. Automated policies place data "just-in-time" to support workloads while achieving greater efficiencies and improved productivity per unit of storage.

Seamless Cloud Collaboration and Data Mobility

By automating data classification and placement, ATFS serves a wide range of use cases:

- **Automate Application Workflows:** Integrate with asset management tools, schedulers, and other applications to automate tasks using API in life sciences, media and entertainment, finance, and more.
- **Active Data Retention:** Metadata and tags simplify access to data over time.
- **Deploy Resources in the Cloud:** Burst into the cloud using cloud-based applications or use ATFS for large data set retention.
- **Collaboration:** Secure data sharing across the organization and externally without creating duplicates.
- **Control Data:** Execute on retention, protection, and access guidelines per regulations, best practices, to ensure data provenance.

Availability

ATFS is available to order beginning this December as software installed on a Quantum appliance.

Supporting Quotes

Scott Sinclair, Senior Analyst, ESG: "Cloud adoption continues to accelerate, as businesses demand greater elasticity from their storage resources, their compute capabilities, and their budgets. ATFS is designed for this new data landscape, to provide businesses with the insight necessary to extract value from their unstructured data."

Ed Fiore, General Manager, Primary Storage at Quantum: "For customers with millions or billions of files, classifying those files so they can be organized, searched, and then placed based on rules is a key advancement toward getting control of massive unstructured data

sprawl. We designed the ATFS platform to address these challenges, to align an application's needs with storage resources in real time, and to provide deeper insights into data."

Learn More at VirtualQ I Transform Events on November 17th and 19th

Quantum will host **VirtualQ | Transform**, an online forum for unlocking the value of unstructured data, November 17th in Europe, and November 19th in North America. The company will showcase the latest offerings to capture, store, manage, protect, and archive unstructured data in all its forms. Participants will gain unique industry perspectives on the forces and trends shaping Quantum's technology roadmap and get exclusive access to executives, as well as product and technical leaders. To register, go to:

<https://www.quantum.com/en/resources/events/virtualq-transform/>

Additional Resources

- To learn more about ATFS: <https://www.quantum.com/atfs>
- For a 30-day free trial of ATFS: <https://www.quantum.com/en/products/file-system/atfs/trial/>
- To read the Hormel Institute case study: <https://www.quantum.com/hormel-institute>

About Quantum

Quantum technology and services help customers capture, create and share digital content – and preserve and protect it for decades. With solutions built for every stage of the data lifecycle, Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT. That's why the world's leading entertainment companies, sports franchises, researchers, government agencies, enterprises, and cloud providers are making the world happier, safer, and smarter on Quantum. Quantum is listed on Nasdaq (QMCO) and was added to the Russell 2000® Index in 2020. For more information visit www.quantum.com/.

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Forward-Looking Statements

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