

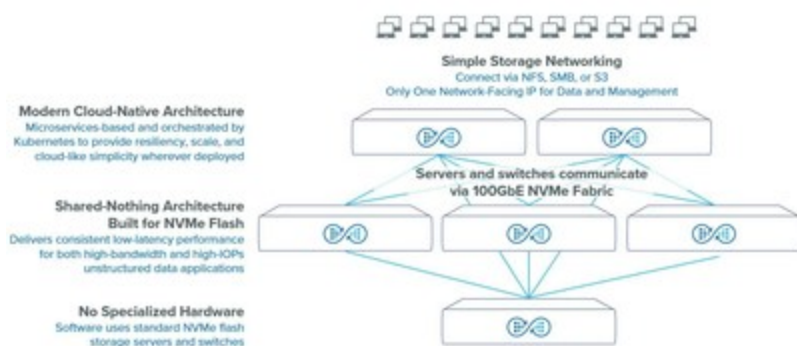
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Quantum Introduces Myriad™ Software-Defined All-Flash Storage Platform for the Enterprise

Cloud-native file and object storage software ends constraints of legacy hardware-centric systems

SAN JOSE, Calif., April 3, 2023 /PRNewswire/ -- Quantum Corporation (NASDAQ: QMCO), the leader in solutions for video and unstructured data, announces Quantum Myriad™, an all-flash, scale-out file and object storage software platform for the enterprise. Leveraging advances in application frameworks and design that were not available even a few years ago, Myriad's modern cloud-native architecture makes it an easy-to-use solution that overcomes the limitations of hardware-centric designs and enables customers to adapt to future storage needs while reducing the burden on over-extended IT staff.



More than double the amount of data will be created in the next five years than was in the previous ten, according to IDC*. Yet most enterprises continue to store this data on systems that were designed 20 years ago and cannot take advantage of the latest flash and memory technologies available today. Even more recent all-flash file and object storage solutions rely on specialized hardware and won't run natively in the cloud, leading to tradeoffs, compromises, and complexity.

Myriad solves these challenges with an all new shared-nothing architecture designed for the latest flash technologies to deliver consistent low-latency performance at any scale. It introduces inline data services such as deduplication and compression, snapshots and clones, and metadata tagging to accelerate AI/ML data processing. And it uses familiar and proven cloud technologies, like microservices and Kubernetes®, to deliver cloud simplicity wherever deployed. The software operates on standard high-volume flash storage servers so IT teams can quickly adopt the latest hardware and storage infrastructure for future needs. With Myriad, enterprises can replace legacy disk-based storage systems with a software-defined, all-flash platform that provides faster performance, greater scale, and a more sustainable and green solution that is both power and real estate efficient.

"To keep pace with data growth, the industry has "thrown hardware" at the problem," says Brian Pawlowski, chief development officer, Quantum. "Integrating feedback from customers, partners and industry analysts on what's missing from current solutions in market, we took a totally different approach with Myriad, and the result is the architecture I've wanted to build for 20 years. Myriad is incredibly simple, incredibly adaptable storage software for an unpredictable future."

Myriad expands Quantum's portfolio of solutions for unstructured data and is ideally suited for emerging high-growth use cases that require more performance and more scale, including AI and machine learning, modern data lakes, VFX and animation, and other high-bandwidth and high IOPs applications. These use cases are driving growth in the market for dedicated scale-out file and object storage, expected to grow at a 12% CAGR from 2020-2026 and be a \$19.1 billion market by 2026**.

Myriad's key features include:

- **An all-new, shared-nothing software architecture** built for the latest flash technologies to deliver consistent, low-latency performance at any scale.
- **A modern microservices architecture, orchestrated by Kubernetes** to provide a resilient, "always on" architecture and deliver new features and fixes rapidly with less risk.
- **Self-healing, self-balancing software for in-service upgrades** that automatically rebuilds and repairs data in the background while also rebalancing data as the storage cluster expands, shrinks and changes.
- **Automated detection, deployment and configuration of storage nodes** within a cluster so a cluster can be scaled, modified or shrunk non-disruptively, without user intervention.
- **Automated networking management of the internal RDMA fabric** so managing even a large Myriad cluster requires no networking expertise.
- **Inline data deduplication and compression** to reduce the cost of flash storage and improve data efficiencies relative to legacy storage platforms.
- **Simple data security and ransomware recovery** with built-in snapshots, clones, snapshot recovery tools and "rollback" capabilities.
- **Inline metadata tagging** to accelerate AI/ML data processing, provide real-time data analytics, enable rapid creation of data lakes based on tags, and automate data pipelines and workflows.
- **Real-time monitoring of system health, performance, capacity trending, and more from a secure online portal** by connecting to Quantum cloud-based AI Operations software.

"To power the next era of digital business, we need an evolution in storage that removes the constraints from yesterday's data center," said Dave Pearson, research vice president, Infrastructure Systems, Platforms and Technologies Group for IDC. "For new demanding workloads, low latency and tremendous IOPS are required, along with increased scalability and native cloud interoperability to power the next wave of applications."

"Myriad is immediately relevant for many of our customers who are investing in all-flash storage systems," said Troy Watson, vice president and general manager, Central Region, of Quantum partner Trace3. "It is a truly modern design and further strengthens Quantum's portfolio of solutions for unstructured data. We look forward to partnering with Quantum to

help bring this innovative solution to market."

Myriad is available now for early access customers and is planned for general availability in the third quarter of this year. For more information, visit www.quantum.com.

**Source: IDC Video: [Unstructured Data and Next-Gen Applications](#), March 2023*

***Source: Based on data in the IDC WW File and Object Based Storage Market Update and Forecast, Dec 2022. Excludes revenue for "shared" file- and object-based storage infrastructure designed for multitenant use in public clouds.*

About Quantum

Quantum technology, software, and services provide the solutions that today's organizations need to make video and other unstructured data smarter – so their data works for them and not the other way around. With over 40 years of innovation, Quantum's end-to-end platform is uniquely equipped to orchestrate, protect, and enrich data across its lifecycle, providing enhanced intelligence and actionable insights. Leading organizations in cloud services, entertainment, government, research, education, transportation, and enterprise IT trust Quantum to bring their data to life, because data makes life better, safer, and smarter. Quantum is listed on Nasdaq (QMCO). For more information visit www.quantum.com.

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Forward-Looking Statements

The information provided in this press release may include forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 ("Exchange Act"). These forward-looking statements are largely based on our current expectations and projections about future events and financial trends affecting our business. Such forward-looking statements include, in particular, statements about the anticipated benefits and features of the Quantum Myriad software solution as well as our business prospects, changes and trends in our business and the markets in which we operate.

These forward-looking statements may be identified by the use of terms and phrases such as "anticipates", "believes", "can", "could", "estimates", "expects", "forecasts", "intends", "may", "plans", "projects", "targets", "will", and similar expressions or variations of these terms and similar phrases. Additionally, statements concerning future matters and other statements regarding matters that are not historical are forward-looking statements. Investors are cautioned that these forward-looking statements relate to future events or our future performance and are subject to business, economic, and other risks and uncertainties, both known and unknown, that may cause actual results, levels of activity, performance or achievements to be materially different from those expressed or implied by any forward-looking statements.

These forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from those projected, including without limitation, the following: the potential impact of the COVID-19 pandemic on our business, including potential disruptions

to our supply chain, employees, operations, sales and overall market conditions; the competitive pressures we face; risks associated with executing our strategy; the distribution of our products and the delivery of our services effectively; the development and transition of new products and services and the enhancement of existing products and services to meet customer needs and respond to emerging technological trends; whether the market for the Quantum Myriad solution develops as anticipated and whether our products meet the developing needs of this market; and other risks that are described herein, including but not limited to the items discussed in "Risk Factors" in our filings with the Securities and Exchange Commission, including our Form 10-K filed with the Securities and Exchange Commission on June 8, 2022 and our Form 10-Q filed on February 2, 2023. We do not intend to update or alter our forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law or regulation.

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The logo for Quantum, featuring the word "Quantum" in a bold, blue, sans-serif font. A small registered trademark symbol (®) is located at the end of the word.

View original content to download multimedia <https://www.prnewswire.com/news-releases/quantum-introduces-myriad-software-defined-all-flash-storage-platform-for-the-enterprise-301787478.html>

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