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# Quantum to Offer Advanced Filesharing Technology and Performance in StorNext and Myriad Solutions

SAN JOSE, Calif.--(BUSINESS WIRE)-- Quantum<sup>®</sup> Corporation (NASDAQ: QMCO), the pioneer in end-to-end data management solutions designed for the AI era, announced today that it is adding advanced file service technology to Quantum [Myriad<sup>®</sup>](#) and [StorNext<sup>®</sup>](#) to offer ultra-fast and feature rich server message block (SMB) based cross-platform file service.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20240411798931/en/>



StorNext customers can now have high-performance collaborative storage and fast network file service together on the same platform to meet their mission-critical enterprise and content creation workflow needs. The same technology is deeply integrated within Myriad as a first-class protocol to offer robust, cross-platform file sharing. This initiative, paired

Myriad's Architecture diagram shows the placement of S3 as a tier-one client of the filesystem (Graphic: Business Wire)

with Quantum's integration of advanced Ethernet-based connection technologies, such as NVMe-oF TCP and NVMe-oF RDMA, furthers Quantum's vision to offer an end-to-end unstructured data and AI platform, available in both software only and appliance options. This gives customers the best possible performance and cost density choice, especially when migrating from Fibre Channel-based systems.

The technology is available as part of a broad partnership with [Tuxera](#), a global leader in data storage management and networking software and will employ common technology building blocks across StorNext and Myriad. Quantum's platforms will benefit from Tuxera's cloud-scale SMB file-sharing implementation, [Fusion File Share](#), and their long-standing partnership with Microsoft on SMB patents to offer advanced capabilities not available in open-source SMB implementations. These improvements dramatically boost file service performance and deliver enterprise-grade stability with features like SMB Direct RDMA, SMB

scale-out, SMB Multichannel, SMB witness protocol, and persistent file handles.

Quantum will offer the technology as an installation upgrade option for new and existing StorNext customers, boosting SMB file service performance to meet the demands of large teams of macOS, Windows, and Linux clients, serve larger files efficiently, and deliver higher performance to their applications. With the latest version of StorNext 7.2 that adds NVMe over Fabric (NVMe-oF) configuration and optimization features for high-speed Ethernet connections, customers deploying Fusion File Share on StorNext volumes built with Quantum F-Series NVMe storage appliances will see the fastest SMB performance on StorNext. By taking advantage of SMB Direct RDMA connectivity, a single Windows client can read data from an SMB share in excess of 10 gigabytes (Gb) a second using 100Gb Ethernet, unlocking extreme performance for ingest or streaming workflows not possible using systems without SMB Direct.

“Our StorNext and Myriad customers are building ever larger teams of connected users, investing more in Ethernet infrastructure, and facing challenging requirements such as 8K, high frame rates, and HDR, which are pushing the limits of client connectivity. Adding Fusion File Share technology helps them effortlessly serve Windows, macOS, and Linux client systems with incredible performance and efficiency at scale. For example, our latest testing shows that a single Windows client configured for SMB Direct and SMB Multichannel can now achieve over 10 gigabytes a second with our F-Series NVMe all-flash arrays for StorNext. This is truly a game-changer for content producers needing extreme performance and advanced workflow management capabilities.” said Nick Elvester, vice president of product operations, Quantum.

“We are pleased to announce our technical partnership with Quantum to make our enterprise-grade SMB implementation available for StorNext and Myriad users worldwide,” said Heather Goring, director of sales, Americas, Tuxera. “We’re especially excited to see Quantum integrate StorNext with NVMe-oF features to deliver extraordinary performance and make full use of our advanced features such as SMB Direct and SMB Multichannel, and as a core client service integration within Myriad.”

The SMB capabilities will be available for early access customers for both StorNext and Myriad in Q2. StorNext customers can then purchase the solution in Q3 as a turnkey Quantum Professional Services bundle that includes full-service installation, configuration, and management. The feature will be generally available for all Myriad customers in Q3.

Quantum will be demonstrating Fusion File Share on StorNext 7.2 and on Myriad at the NAB 2024 show April 13-17 in booth SL5083.

## **About Quantum**

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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## **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 StorNext and Myriad solutions 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 StorNext and Myriad solutions 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 most recent Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "SEC") and any subsequent filings with the SEC. 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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