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Quantum Joins DNA Data Storage Alliance

Quantum's experience building the world's largest digital archives will help advance the use of DNA data storage to preserve vast amounts of valuable digital data

SAN JOSE, Calif., Jan. 12, 2021 /PRNewswire/ --[Quantum Corp.](#) (NASDAQ: QMCO) today announced that it has joined the [DNA Data Storage Alliance](#) to support the ongoing growth and development of the future DNA data storage market. Quantum has built some of the world's largest digital archives, including those for the biggest hyperscale cloud providers and organizations that need to securely retain data indefinitely. This move signals Quantum's commitment to establish the foundations for a cost-effective commercial archival storage ecosystem for the explosive growth of valuable digital data. Quantum's digital archive experience and expertise will help the Alliance advance the use of DNA data storage to solve the challenges of preserving valuable digital data for centuries.



The need to preserve digital data indefinitely

DNA offers the potential to transform data storage, providing a stable medium that's durable for up to thousands of years. It's incredibly dense with a volume the size of a single grain of salt having a potential capacity for 10 full-length digital movies. DNA data storage could also enable a "forever format" that will never become obsolete, no longer requiring customers to migrate to next generations of a technology. As such, it's estimated that [30% of digital businesses](#) will mandate DNA storage trials by 2024, addressing the exponential growth of data poised to overwhelm existing storage technology.

Established in October 2020, the DNA Data Storage Alliance aims to drive awareness and adoption of DNA data storage through use cases and the development of an industrial roadmap. As a member, Quantum joins a diverse group of industry leaders that each contribute expertise on a unique aspect of synthetic biology and data storage and support the organization's mission by contributing to white papers, events and technical discussions.

"With digital data now so central to the success of business, research, and other practices, there is an emerging realization that a massive amount of data will need to be kept indefinitely," said Don Doerner, Technical Director, Office of the CTO at Quantum. "DNA storage holds great promise in addressing this challenge in the coming decades and we believe we can add a valuable perspective to help the DNA Data Storage Alliance achieve its goals."

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

This press release contains "forward-looking" statements. Quantum advises caution in reliance on forward-looking statements. If the risks or uncertainties ever materialize or the assumptions prove incorrect, the results of Quantum Corporation and its consolidated subsidiaries ("Quantum") may differ materially from those expressed or implied by such forward-looking statements and assumptions. All statements other than statements of historical fact are statements that could be deemed forward-looking statements, including but not limited to statements regarding the potential advantages and efficiencies of using synthesized strand of DNA for encoding, decoding and storing binary data, including the use of DNA digital data storage as a "forever format" that will never become obsolete and durable for "thousands of years." Risks, uncertainties and assumptions include the risk that the technology to enable the promises of DNA digital storage may take many years to develop and perfect for commercial use, and that the technology required for DNA storage trials may not be ready by 2024, and other risks that are described herein, including but not limited to the items discussed in "Risk Factors" in Quantum's filings with the Securities and Exchange Commission, including its Form 10-K filed with the Securities and Exchange Committee on June 24, 2020. Quantum expressly disclaims any obligation to update or alter its forward-looking statements, whether as a result of new information, future events or otherwise, except as required by applicable law.

Public Relations Contact:

Kerry Quintiliani
Red Lorry Yellow Lorry
quantum@ryl.com
t +1 310 773 3763

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