

September 30, 2026



Q/C Technologies Announces Research Collaboration with Sandia National Laboratories, a \$5 Billion U.S. Department of Energy Lab

Collaboration advances Q/C Technologies' optical processing unit initiative for AI inference through nanophotonics research at Sandia's Center for Integrated Nanotechnologies

SAN FRANCISCO, Sept. 30, 2026 (GLOBE NEWSWIRE) -- Q/C Technologies, Inc. (Nasdaq: QCLS) ("Q/C Technologies" or "the Company"), a developer of next-generation optical computing solutions, today announced a collaboration with the Center for Integrated Nanotechnologies (CINT) at Sandia National Laboratories ("Sandia") to advance its proprietary optical processing unit (OPU) initiative for artificial intelligence inference. The Company is pioneering next-generation optical computing solutions designed to harness the properties of light to perform complex computations naturally via interference.

Sandia is one of the nation's leading multi-mission science and engineering laboratories, operated for the U.S. Department of Energy's National Nuclear Security Administration. With approximately 17,000 employees and an annual budget of approximately \$5 billion, Sandia has deep capabilities spanning microelectronics, photonics, advanced materials, high-performance computing and systems engineering.

The Company's collaboration with Sandia's CINT focuses on joint research on nanophotonic components and the physical building blocks required for scalable optical AI processing. The project aims to establish and verify a defensible roadmap for optical AI hardware beyond incremental GPU scaling by identifying and prioritizing optical operations and device technologies for Q/C's OPU architecture and addressing key challenges including nonlinear operations, memory, precision, optical loss and integration with electronic systems.

"Access to CINT's scientific expertise and advanced research capabilities in photonics and nanoscale technologies represents an important step as we develop our proprietary optical computing platform," said Joshua Silverman, Executive Chairman of Q/C Technologies. "As AI infrastructure faces increasing constraints in power consumption, bandwidth and scalability, we believe optical computing has the potential to fundamentally change how computationally intensive AI workloads are processed. This collaboration will help us evaluate key architectural concepts as we continue building the foundation for our next-generation optical computing solution."

"This collaboration provides an opportunity to accelerate our work toward a practical, scalable optical computing architecture," said Yossef Ehrlichman, Ph.D., Chief Technology Officer at Q/C Technologies. "We believe this work with CINT will help us define the pathway

from fundamental optical capabilities to an integrated OPU architecture.”

The new collaboration represents another milestone in Q/C Technologies’ OPU initiative. The Company recently established a 4,800-square-foot integrated photonics laboratory in San Francisco and continues to build its foundation of knowledge and engineering expertise in AI, photonics and computing to support development of its proprietary OPU architecture.

About Q/C Technologies, Inc.

Q/C Technologies believes the next leap in frontier computing is optical. The Company is pioneering next-generation optical computing solutions designed to harness the properties of light to perform complex computations naturally via interference. Overcoming key challenges posed by electronic GPUs, Q/C Technologies seeks to develop proprietary optical processing units with orders of magnitude faster clock speed and bandwidth and vastly improved energy efficiency relative to traditional computing architectures. qctechnologies.com

Cautionary Statement Regarding Forward-Looking Statements

This press release may contain forward-looking statements. These forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual results, performance or achievements to be materially different from any expected future results, performance, or achievements. Forward-looking statements speak only as of the date they are made and neither the Company nor its affiliates assume any duty to update forward-looking statements. Words such as “anticipate,” “believe,” “could,” “estimate,” “expect,” “may,” “plan,” “will,” “would” and other similar expressions are intended to identify these forward-looking statements. Important factors that could cause actual results to differ materially from those indicated by such forward-looking statements include, without limitation: the development, performance and scalability of its optical computing products and related technologies, unanticipated financial setbacks, the Company needing to pursue financing options that could adversely impact its liabilities due to adverse market conditions, the Company’s ability to successfully develop new technologies; increased levels of competition; changes in political, economic or regulatory conditions generally and in the markets in which the Company operates; the Company’s ability to patent and otherwise protect its technologies from competitors; the Company’s ability to retain and attract senior management, engineers and other key employees; and the Company’s ability to quickly and effectively respond to new technological developments. A discussion of these and other factors with respect to the Company is set forth in the Company’s Annual Report on Form 10-K for the year ended December 31, 2025, and subsequent reports that the Company files with the Securities and Exchange Commission. Forward-looking statements speak only as of the date they are made, and the Company disclaims any intention or obligation to revise any forward-looking statements, whether as a result of new information, future events or otherwise.

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Source: Q/C Technologies, Inc.