

Leclercq American Capital LLC Invests in SandboxAQ, a Leader in AI and Quantum Technologies

NEWARK, DE, UNITED STATES, February 9, 2026 /EINPresswire.com/ -- Leclercq American Capital LLC, a US-based private investment firm focused on cutting-edge technologies, has announced an equity investment through its shareholding company in SandboxAQ, a company operating at the intersection of artificial intelligence (AI) and quantum technologies.

This investment is fully aligned with Leclercq American Capital LLC's strategy of backing high-impact technology platforms in fields such as cybersecurity, advanced simulation and next-generation sensing.



A Software-First Approach to Quantum and AI

SandboxAQ develops B2B software solutions that combine advanced AI methods with quantum-inspired techniques to tackle complex, real-world problems. Its platforms are designed to help large organizations:

- secure their critical infrastructure against future quantum threats,
- accelerate research and development in chemistry and materials,
- and optimize decision-making in data-intensive industries such as financial services and healthcare.

By leveraging powerful quantitative and physics-informed models, SandboxAQ's technology can simulate complex systems, identify optimal configurations and uncover new insights that are difficult to obtain with traditional computation alone.

Cybersecurity for the Post-Quantum Era

A core focus of SandboxAQ is post-quantum cybersecurity. The company offers solutions that help enterprises and public institutions prepare for the coming transition to quantum-resistant cryptography, including:

- Cryptographic discovery and inventory – mapping where and how cryptography is used across large, heterogeneous IT environments.
- Risk assessment – identifying vulnerable algorithms and prioritizing remediation paths.
- Migration orchestration – assisting organizations in moving toward quantum-safe standards and maintaining “crypto-agility” as regulations and best practices evolve.

As governments and regulators worldwide push for post-quantum readiness, such solutions are becoming strategic building blocks for operators of critical infrastructure, financial institutions and highly regulated industries.

Beyond Security: Broad Industrial Applications

SandboxAQ’s technology portfolio extends far beyond cybersecurity. The company is active in several high-value domains, including:

- Sensing and navigation – quantum-inspired sensing solutions that can enhance navigation and detection in constrained or GPS-denied environments, relevant for aerospace, defense, logistics and autonomous systems.
- Healthcare and life sciences – advanced simulation and signal analysis aimed at improving diagnostics, imaging interpretation and the discovery of new therapies or medical materials.
- Materials science and chemistry – tools to model properties at atomic or molecular scale, helping to design better batteries, catalysts, specialty chemicals and other advanced materials.
- Financial services – quantitative models that support risk management, scenario analysis and portfolio optimization in increasingly complex and regulated markets.

This multi-sector reach positions SandboxAQ not as a niche quantum player, but as a horizontal technology platform capable of creating value across a wide range of industries.

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