15 January 2026

Vault Ventures PLC

Strategic Update: Vault Announces Entry into Post-Quantum Security Infrastructure

Vault Ventures PLC (the "Company" or "Vault") announces its entry into post-quantum security infrastructure, with an initial emphasis on post-quantum encryption at the application layer.

Highlights

- Vault announces entry into post-quantum security infrastructure, reflecting its focus on long-term, foundational digital systems
- Initial emphasis on post-quantum encryption at the application layer, rather than quantum hardware or theoretical research
- Strategic relevance to high-trust and regulated environments where long-term data security is critical, including legal and professional services, financial services and other regulated industries.
- Approach aligned with Vault's platform strategy of selective investment, incubation and long-term ownership

This strategic development is aligned with Vault's established positioning as a builder and owner of foundational digital infrastructure and systems designed to operate over long time horizons, particularly within high-trust and regulated environments. The Company's focus remains on identifying structural shifts in technology early and developing assets that become critical as those shifts move from theory into practical deployment.

Post-quantum encryption as a structural requirement

Advances in quantum computing are widely expected, over time, to compromise many of the cryptographic standards currently relied upon to secure digital communications, data storage and transaction systems.

As a result, the transition to post-quantum encryption - cryptographic methods designed to remain secure against both classical and quantum-enabled attacks - is increasingly regarded as an inevitable evolution of digital security rather than a speculative future risk.

Vault believes that post-quantum encryption will become a core component of secure digital infrastructure as organisations prepare for future computing capabilities while continuing to safeguard long-lived data today.

Relevance to high-trust and regulated environments

The Company considers post-quantum encryption to be of particular importance in high-trust and regulated environments where security failures may result in material legal, regulatory or systemic consequences. In sectors such as legal and professional services, regulated industries, financial services and capital markets, and enterprise and government-adjacent systems, data and communications are often required to remain secure over extended periods, irrespective of future advances in computing capability.

Vault believes that post-quantum encryption will become a foundational requirement for maintaining trust, compliance and data integrity across these environments as cryptographic standards evolve.

Vault's focus on the application layer

Vault is not seeking exposure to quantum hardware development or theoretical research. Instead, the Company is focused on the application layer: technologies that embed post-quantum cryptographic capability into practical, deployable systems that organisations can adopt within existing operational and regulatory frameworks.

This approach reflects Vault's broader strategy of combining deep engagement with enabling technologies alongside a clear emphasis on real-world implementation and commercially relevant use cases. In this context, the Company intends to prioritise investments in technologies and businesses where post-quantum encryption can act as a multiplier, enhancing the resilience, longevity and value of underlying systems and platforms.

Investment Approach

Consistent with its platform strategy, Vault intends to pursue selective investment and incubation opportunities that reflect both conviction in post-quantum encryption as foundational infrastructure and belief in the long-term value of businesses applying this technology within critical, regulated and high-trust environments.

The Company's approach remains disciplined and ownership-oriented, with a focus on building assets designed to compound value over time through investment in both foundational technologies and the highest-value applications of those technologies.

Chairman statement

Brian Stockbridge, Chairman of Vault Ventures PLC, commented:

"The post-quantum security landscape sits at the intersection of advanced technology and real-world deployment, where progress is driven through collaboration with industry partners and the integration of cryptographic capability into practical, large-scale solutions. As awareness of the long-term implications of quantum computing continues to grow, the focus is increasingly on delivering systems that can be adopted within existing commercial and regulatory environments.

Vault has an opportunity to establish itself as a credible and innovative participant in this evolving market. The Company's underlying platform, balance sheet strength and systems-led approach provide resilience as we pursue this strategy and position us to work alongside partners across the UK and beyond as the post-quantum security ecosystem develops."

The Directors of the Company take responsibility for this announcement.

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