



Krown Introduces QwickAuth™ With Five Factor Synchronous Authentication and Post Quantum Cryptography

Krown developed NIST alignment with ML-DSA-65 post-quantum signatures and phishing-resistant passkeys for higher security and a more seamless experience

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EINPresswire.com/ -- [Krown](#)

[Technologies](#) Inc. today introduced [QwickAuth™](#), an authentication product in development that brings five-factor synchronous authentication and post-quantum cryptography (PQC) into one security architecture. Krown identifies QwickAuth™ as the world's first and only five-factor synchronous authentication product, with PQC incorporated into its design.

QwickAuth™ is being built around a clear goal: higher security with greater fluidity. It brings multiple proofs together within one coordinated interaction, helping people move naturally from authentication into the application, device or service they want to use.

"We are building QwickAuth™ so people can protect what matters and move through their digital lives with confidence," said James Stephens, CEO of Krown Technologies Inc. and Chief Architect of QwickAuth™. "Our goal is higher security with a more fluid, seamless experience. Bringing five authentication factors together synchronously, with post-quantum cryptography in the product, is central to that vision. We are building it into [Excalibur](#) natively and designing it for integration into products around the world."



QwickAuth Main PR Image



QwickAuth Excalibur Integration

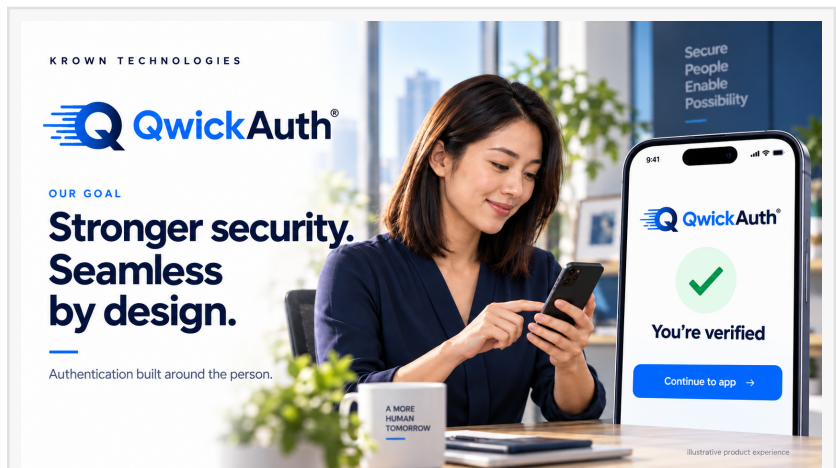
At the core is an Authentication Moment: a tightly bound event that brings together device possession, local user verification, live face presence, a fresh spoken challenge and cross-modal coherence. Coherence checks whether the proof sources belong to the same interaction. The architecture evaluates the required evidence together before granting access; conflicting or expired evidence can prevent a successful authentication.

QwickAuth™'s reference implementations support two capabilities tied to NIST publications: ML-DSA-65 post-quantum signatures, standardized in FIPS 204, and phishing-resistant passkey authentication designed to align with SP 800-63B-4. Passkeys bind authentication to the legitimate service, while ML-DSA-65 signs authentication assertions. Krown is developing the product toward applicable NIST guidance; production integration and validation remain underway.

QwickAuth™ is built natively into Excalibur's product design, making authentication an integral part of the cold wallet's security experience. Its role supports deliberate access and authorization alongside the wallet's other safeguards. Excalibur provides a hardware application for an architecture designed to extend into software and other connected products.

As part of Krown Technologies' product offerings, QwickAuth™ is being engineered for integration into mobile applications, digital wallets, enterprise systems and connected devices. The goal is to give product makers around the world a way to introduce stronger authentication while keeping the experience familiar and fluid for their users.

Development is continuing toward production readiness. Commercial availability, supported



QwickAuth - Stronger by Design



James Stephens - CEO - Krown Technologies



integrations and final specifications will be announced as the relevant development and validation milestones are completed.

About Krown Technologies Inc.

Krown Technologies Inc. develops blockchain infrastructure, digital asset products and authentication technology. Its portfolio includes Krown Network and Qastle™ Wallet, with QwickAuth™ and Excalibur™ in development. Learn more at krown.network.

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