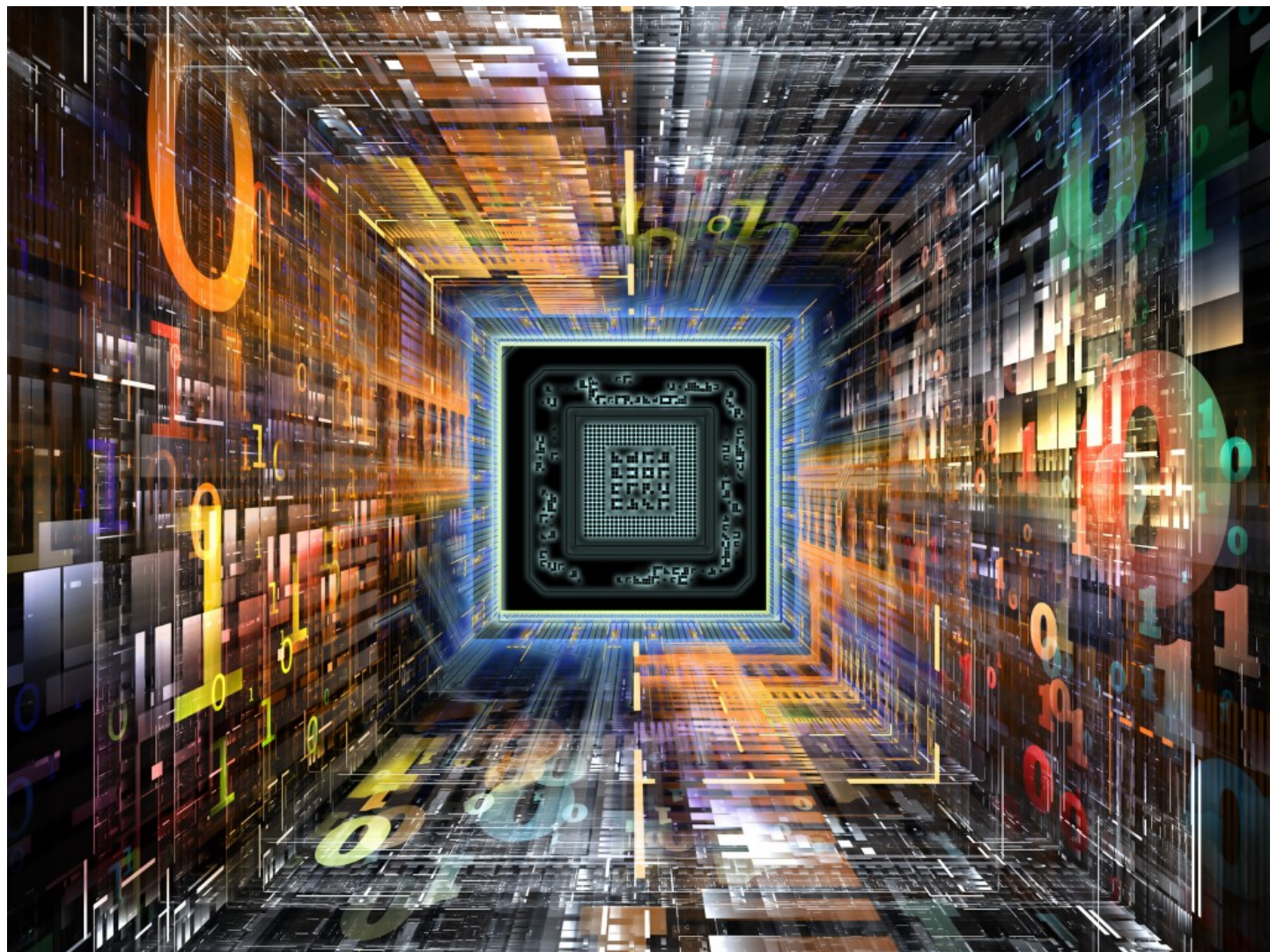# Xiid Corporation Achieves Post-Quantum Crypto-Security Milestone

Xiid's cybersecurity products provide NIST Approved Post-Quantum Algorithms

Las Vegas, Nevada Apr 8, 2024 (Issuewire.com**)** - Xiid Corporation proudly announces a groundbreaking achievement in the realm of cybersecurity with its successful addition of post-quantum secure encryption algorithms. Following extensive research and development efforts, Xiid's Development Team completed a pivotal task in February 2024, marking a significant milestone in the company's commitment to safeguarding sensitive data and communications.

Aligned with the rigorous standards set forth by the National Institute of Standards and Technology (NIST), Xiid Corporation had already integrated in its infrastructure an array of cutting-edge cryptographic protocols. Operating within the outer layer of NIST compliance, Xiid has implemented a proprietary triple-layer encryption, where the outermost layer is mutually-verified forward-secret TLS, the middle layer is based on an SSH2-like protocol using Edward Curves (25519), and the innermost layer is based on AES256-GCM (AEAD). These three layers combined guarantee the highest possible level of security, rendering man-in-the-middle (MITM) attacks impossible, and even guaranteeing anti-tampering of the transported information via authenticated encryption. This is the highest security

imaginable in a non-post-quantum world.

"Each day, post-quantum crypto-analytic attacks are closer to becoming a reality," says Federico Simonetti, CTO at Xiid Corporation. "We made a strategic move to future-proof our security architecture, proudly leading the industry by integrating the recently standardized Kyber key encapsulation and Dilithium digital signature algorithms, which is endorsed by NIST as the gold standard for post-quantum crypto-security. These advanced algorithms further fortify Xiid's resilience against evolving cyber threats, cementing its position as a trailblazer in the cybersecurity landscape."

This milestone underscores Xiid Corporation's unwavering commitment to innovation and excellence in cybersecurity. By proactively addressing the challenges of tomorrow, Xiid remains at the forefront of data protection, empowering businesses to operate with confidence in an increasingly digital landscape. For more information about Xiid Corporation's post-quantum crypto-security solutions, please visit www.xiid.com or contact info@xiid.com.

About Xiid Corporation: Founded in 2018, Xiid Corporation specializes in cybersecurity, offering state-of-the-art Zero Knowledge Networking solutions. Their proprietary architecture, Zero Knowledge Networking (ZKN), integrates advanced security protocols and encryption techniques to safeguard networks and data from unauthorized access and threats. By enhancing traditional Zero Trust security models with Zero Knowledge Proofs, Xiid ensures secure access to resources and facilitates data exchange without compromising sensitive information.

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