

# Forward Edge-AI Delivers Quantum-Resistant One-Way Data Diode to National Central University in Taiwan

*Milestone underscores urgency for global post-quantum cybersecurity readiness*

SAN ANTONIO, TX, UNITED STATES, December 3, 2025 /EINPresswire.com/ -- [Forward Edge-AI](#), Inc., a U.S.-based leader in artificial intelligence and cybersecurity innovation, has delivered its [Isidore Quantum® One-Way Data Diode](#) to National Central University (NCU) in Taiwan. The deployment represents a major step forward in quantum-safe cybersecurity for academic research, defense, and national infrastructure, while also serving as a clear warning against postponing the transition to post-quantum cryptography (PQC).



The Isidore Quantum One-Way Data Diode integrates NSA CNSA 2.0-compliant and NIST-approved post-quantum encryption with AI-driven autonomy and software-defined unidirectional control. The system delivers a quantum-resilient, energy-efficient, and hardware-agnostic solution that enforces a true one-way data flow, protecting sensitive information from advanced quantum-enabled cyberattacks. The Isidore Quantum One Way Data Diode is also not distance limited.

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Quantum threats have moved beyond theory and are accelerating rapidly. Organizations that wait for the next roadmap will see the migration window close quickly.”

*Eric Adolphe, CEO*

As experts continue to warn about Q-Day, the moment when quantum computers will be able to break current encryption methods, the risk of Harvest Now, Decrypt Later (HNDL) attacks increases each day. The Isidore

Quantum® solution addresses this growing danger by applying AES-256, ML-KEM, and ML-DSA

encryption to safeguard data collected today from decryption once quantum capabilities emerge.

Forward Edge-AI's delivery to NCU Taiwan demonstrates that quantum-safe infrastructure is deployable today, providing a proven path for governments and enterprises seeking immediate protection against next-generation threats.

#### About Forward Edge-AI

Forward Edge-AI, Inc. develops AI-driven, quantum-resistant cybersecurity technologies for defense, government, and critical infrastructure. Its flagship product, Isidore Quantum®, integrates post-quantum encryption, AI-enabled resilience, and software-defined control to deliver future-proof data protection.

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