

Thursday, August 17, 2023

12:00 PM - 12:20 PM

Solution Review Abstract: QuSecure

Peter Ford

EVP Government Operations

QuSecure

The QuProtect™ software is designed to protect data—commercial and government—from quantum and classical cybersecurity threats throughout the data lifecycle. Our end-to-end solution powers an easy transition to quantum-resilience to protect digital assets and data, wherever they reside on the network. We combine a robust QRNG with NIST-approved PQC algorithms to create the strongest PQC currently available. This combination is used by the orchestration platform to provide a high-bandwidth, low-latency symmetric communications solution compatible with both pre/non-quantum and quantum-enabled systems. In addition, this PQC capability can be deployed via software across all network devices to securely transport QRNG-enabled symmetric keys to legacy satellites or IoT devices to establish secure communications.

Our PQC solution is being considered by some of the largest IT providers in the U.S. within their cloud-based products and services. They are doing so in recognition of the devastating impact that collect-now, decrypt-later (CNDL) attacks will have on our markets and national security.