

Tuesday, August 18

11:30 AM - 11:50 AM

Quantum-Resistant Optimization for Electromagnetic Warfare in GPS-Denied Areas

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Abstract:

As modern battlefields grow increasingly complex, the integration of quantum-resistant optimization into Electromagnetic Warfare (EW) and combat systems is critical for real-time threat analysis in GPS-denied environments. This session explores how proactive, resilient data security strategies—leveraging NetApp’s Intelligent Data Infrastructure—can prevent and mitigate cyber, post-quantum cryptography (PQC), and ransomware threats. Attendees will learn how NetApp’s built-in autonomous ransomware protection, data security posture management, instant data recovery, and hybrid multi-cloud capabilities prevent attacks and enable robust recovery from immutable cyber vaults. By aligning quantum resistant technologies with NetApp’s data-centric security solutions, this presentation delivers actionable insights to ensure mission success while maintaining operational superiority in contested environments for the US Army.

