Wednesday, February 11

10:10 AM – 10:30 AM

Expeditionary Cyber Threat Intelligence Delivering Operational Awareness at the Tactical Edge

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Abstract:

Modern military operations increasingly rely on secure, resilient, and intelligence driven digital infrastructure. In expeditionary and maritime environments where forces deploy rapidly, operate in austere conditions, and maneuver across contested domains, understanding the cyber terrain is now as critical as understanding physical terrain.

This session explores how expeditionary cyber threat intelligence creates real time situational awareness of the digital battlespace, providing early warning, enhancing operational readiness, and protecting forward deployed forces. Rather than focusing on tools, the discussion centers on how a globally distributed network of sensors, combined with continuous real time hunting across collected telemetry, enables commanders to see emerging adversary activity before it manifests as operational impact.

Drawing on lessons learned from support to allied partners and humanitarian organizations operating in Ukraine, Southeast Asia, and the Indo Pacific, attendees will see how new attack patterns become visible when telemetry is collected at scale, analyzed in real time, and in proximity to conflict zones.

The session will demonstrate how this sensor driven and hunt informed intelligence enables expeditionary units to:

-Establish a cyber baseline for a new area of operations prior to arrival

-Detect pre conflict shaping operations and hostile reconnaissance activity

-Correlate cyber activity with real world geopolitical or kinetic events

-Track retaliatory or politically motivated campaigns as missions evolve

Participants will leave with a practical understanding of how cyber threat intelligence when treated as a form of digital ISR provides the operational awareness required to maneuver, defend, and project power effectively across the modern battlespace from shipboard environments to forward operating locations.