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***Defending Gray Cyberspace for Combat Power at Echelon***

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Abstract:

The Department of Defense (DoD) struggles to perform functional mission analysis, map, sensor, and conduct Defensive Cyberspace Operations for key cyber terrain of Defense Critical Infrastructure (DCI), Commercial Critical Infrastructure (CCI), and its supply chain. In most cases, the DoD does not own and cannot monitor these types of gray cyberspace terrain in real time yet is reliant upon the terrain for mission assurance. Lack of battlespace awareness may lead to loss of operational availability of mission systems and reduced combat power.

Lumen operates the most peered network of any provider, has over 2,200 data center connections, ~340K global fiber miles, 4M Quantum fiber locations in 16 CONUS states, ~163K on net fiber buildings globally, and has over a 350+ Tbps global backbone capacity. Additionally, Lumen owns and operates approximately 95% of the DISA backbone. In summary, Lumen can see gray cyberspace the DoD relies upon.

Attendees will learn how Lumen network telemetry is a game changer for the Army to provide continuous monitoring, cyber threat intelligence, threat hunting, and cyber adversary clearing assistance of DCI, CCI, and supply chain friendly gray cyberspace, underwriting combat power at echelon.