

Solutions Brief

Lumen for Defense and Intelligence Communities

Keeping teams connected, protected, and AI-ready in critical missions

Defense and Intelligence missions operate in environments where every second counts—and failure is not an option. They depend on steady, secure communications that stay with the force—no matter the location, terrain, or threat landscape. As operations grow more distributed and data-driven, warfighters need an AI-ready foundation that can power critical workloads, maintain operational tempo, and keep decision dominance at the edge.

For more than 60 years, Lumen has been a secure, resilient backbone provider behind Department of War missions worldwide. As Department of Information Systems Agency's primary internet provider and a long-standing partner across the defense enterprise, we deliver AI-ready connectivity designed to protect information, move data at mission speed, and maintain readiness under any conditions. Our global network, engineering expertise, and experience managing complex, high-risk communications give DoW and Intelligence Community leaders confidence that their operations will stay connected, protected, and responsive—wherever the mission goes.

Benefits to Defense and Intelligence Missions

- **AI-ready infrastructure.** Lumen is building the network for an AI future. We help governments prepare their infrastructure to enable the speed, security, capacity, and reliability needed to support modern AI workloads, and we reaffirmed our status as a global leader in responsible AI by achieving ISO42001 certification, demonstrating disciplined AI governance that helps defense customers minimize risk, improve accountability, and operationalize AI with trust.
- **Security built for today's threats.** We deliver Zero Trust-aligned cybersecurity to protect sensitive data, strengthen resilience, and provide unmatched network threat visibility across the globe. Our in-house threat intelligence team can fortify your defenses by identifying and stopping threats before they reach your mission environment.
- **Uninterrupted, resilient communications.** Our secure connectivity, cloud, and edge solutions—built on an AI-ready network foundation—create a resilient infrastructure that is built to safeguard classified data and withstand disruption at the tactical edge. This helps keep sensitive operations secure, responsive, and available—even in contested and remote environments.
- **Manages complexity with speed.** Lumen helps agencies by managing the complexity required to upgrade networks and communications tools so missions can move fast and stay connected. With a modern, AI-ready infrastructure, teams can quickly move massive amounts of data, rapidly share information, and make real-time decisions.



Our networking customers reported by IDC

66%
more bandwidth for greater efficiency

61%
less unplanned downtime

40%
faster application performance

Source: IDC, The Business Value of Lumen IP Solutions, March 2024

Solution Areas



Infrastructure Services

Lumen accelerates mission readiness with modern, AI-ready infrastructure that moves data quickly and securely—from core to edge—while delivering predictable performance for critical workloads.



Connectivity Services

We give federal agencies agile, secure, networking built for compliance that enables rapid deployment, seamless cloud integration, and resilient operations to support innovation and regulatory needs.



Communication Services

We support federal agencies with secure, scalable, and reliable communications that modernize legacy systems, help improve collaboration, productivity, and enable compliance readiness.



Security Services

Lumen helps protect mission-critical systems with integrated Zero Trust-aligned defenses built to secure infrastructure from edge to core, strengthen cyber resilience, support compliance, and guard against evolving threats.

LUMEN[®]
TECHNOLOGIES

Proof Points

- 20+ years delivering mission-critical internet connectivity for DISA
- 60+ years supporting the DoW enterprise
- Runs on one of the world's largest, most deeply peered IP backbones—providing Lumen Security teams unmatched global network visibility to emerging threats¹
- Holds ISO 42001 certification, meeting rigorous global standards for responsible AI governance
- 2,000+ named clearance, U.S. based personnel
- Broad procurement expertise—with decades navigating major federal contract vehicles
- Supports the full mission spectrum—from warfighters in the field to families at home, from internal programs to global supporting agencies

How to Buy

Lumen **simplifies procurement** across major contract vehicles—enabling fast and easy procurement for agencies to acquire the network, cloud, and security solutions they need.

Contract Vehicles:

- | | |
|------------------|----------|
| • GSA EIS | • IPTS |
| • GSA MAS | • SHIELD |
| • BIMS & SeaPort | • CFI |

For company details including CAGE, UEI and NACIS codes please see our [Lumen.com](https://lumen.com) contract vehicles page



Experience

Since the 1960's, Lumen has been the trusted partner for missile warning and missile defense transport. Lumen supports the assured missile warning network as the prime contractor for the core network.

Awarded a contract for the Missile Defense Agency's SHIELD IDIQ contract with a ceiling of \$151B. This contract encompasses a broad range of work areas that allows for the rapid delivery of innovative capabilities to the warfighter with increased speed and agility. This supports that Lumen can deliver secure, innovative capabilities at scale.

\$1.5B DISA Indo-Pacific Transport Services (IPTS) contract award. Delivers high-capacity, end-to-end transport supporting U.S. Indo-Pacific Command across 36 nations—providing resilient connectivity for one of DoW's most critical theaters.

\$110M DISA Fiber-Backbone O&M contract award. Operates and maintains DISA's global fiber backbone—including dark fiber, colocation facilities, diverse routing, and system upgrades. Built to strengthen cyber resilience, reduce latency, and position DoW for AI adoption and to meet Zero Trust security requirements.

\$223M DOD365 Voice Cloud Modernization contract award. Provides hybrid-cloud voice, conferencing, and Next-Gen 911 support to DoW, enabling 250K+ concurrent secure connections and modernized communications across global operations.

Supported a coordinated disruption of the TrickBot botnet. Lumen Black Lotus Labs contributed threat intelligence and a court-filed legal declaration used in the 2020 global takedown effort.

DoW Wide Mission Support. Supports programs across the DoW—including Navy JAG, Army Reserve Command, DoWEA, and Air Education & Training Command—reflecting a broad, sustained mission footprint.

Learn More



Visit **lumen.com** to explore our capabilities and connect with our defense solution experts.

Why Lumen?

For more than 60 years, Lumen has helped more than 300 public sector organizations stay connected, secure, and mission ready. We provide a network backbone public sector expertise agencies need to help strengthen their digital foundation with our cybersecurity, connectivity, communications, and AI-ready solutions—allowing them to modernize with confidence while advancing their total mission to serve citizens, support communities, and keep our nation safe.

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