

LGS INNOVATIONS

A LEGACY OF TECHNOLOGY LEADERSHIP



QUICK FACTS

- Ownership:** U.S., privately owned
- Locations:** Headquartered in Herndon, Virginia with corporate and on-site customer support teams located throughout the U.S. and multiple overseas locations
- Employees:** 1,300+, including more than 950 scientists & engineers
- ISO 9001:2015:** Certification for network systems integration, installation, and services
- Patents:** More than 400 patents in four technology areas (Material Science, Network Assurance, Optical, Wireless)
- History:** LGS Innovations and its heritage companies have supported government and commercial organizations worldwide for more than 75 years in the research, development, and deployment of mission-focused technological innovations and solutions

STRATEGIC SOLUTIONS

- » Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance (C4ISR)
- » Cybersecurity and cyberspace
- » Intelligent spectrum management and operations
- » Advanced multimedia/RF communications, cybersecurity, sensing technologies, free space optics
- » Inter-building and intra-building networking for military bases, hospitals, and corporate facilities
- » Enterprise voice, video, and data networking
- » Wireless deployable communications for battlefield, public safety, and first responders
- » Network engineering, integration, and installation
- » Mission operations and support
- » Cloud and data center infrastructure
- » Unified communications
- » Maritime applications for in-port and at-sea communications



SERVICES & SOLUTIONS

- » Integrated Spectrum Management: Technical surveillance countermeasures, spectrum interference detection and mitigation
- » Cyber: Network reconnaissance, cyber support services, cyber range modeling and simulation
- » Communications: IoT solutions, optical amplifiers, fiber optic modems, laser transmitters
- » Mission Support Services: SDR, cloud and virtualization, analytics and visualization, geolocation operations, SigPlot, mobile video
- » Wireless and Cyber Training

KEY SERVICE AREAS

LGS provides expert professional and consulting services in these areas:

- » Telecommunications
- » Defense & Aerospace
- » US Military: Army, Navy, Air Force, DoD
- » Enterprise Architecture
- » Security
- » Advanced/Classified Programs
- » Enterprise and IT Management
- » Systems Engineering
- » Modeling & Simulation
- » Data Center Infrastructure

CONTRACTS

We have served as both a prime and a subcontractor on GSA contracts, BPAs, and IDIQ contracts across multiple federal agencies and the U.S. Intelligence Community.

RECENT PROJECTS

- » Yongsan Relocation Plan Increment 3 (YRP-3): LGS supported the largest base relocation in Army history, relocating and upgrading Command, Control, Communications, Computers, and Intelligence (C4I) systems and infrastructure as part of the migration of assets and capabilities from the U.S. Army facilities throughout the Republic of Korea to U.S. Army Garrison (USAG) Humphreys.
- » Air Force Research Laboratory Dynamic Spectrum Access: LGS is the agreement holder for the DSA Policy Development project, responsible for modeling, designing, developing and running testbeds for rule validation, verification, and integration of the entire system. LGS is also the lead for the radio frequency (RF) environmental awareness system providing real-time RF environmental understanding.
- » NOAA Radio Frequency Interference Monitoring System: The RFIMS contract provides for the development, production, installation, and maintenance of a radio frequency interference monitor system to mitigate the risk of potential interference by commercial wireless carriers sharing the spectrum with NOAA satellite operations.
- » NASA Deep Space Optical Communications: LGS Innovations will deliver the first laser transmitter to support the deep space, high-bandwidth communications for NASA's Psyche mission

REPUTATION

- » Our networking solutions and services for voice, data, and video are trusted by U.S. government agencies for analysis & planning, integration, and deployment of network solutions around the world
- » We have been repeatedly selected for both CONUS and OCONUS projects, including work in Afghanistan, Iraq, Korea, and Asia
- » Our solutions are tailored to transition and transform your network environment using the proven, advanced capabilities we have been delivering for decades
- » Named a Top Workplace by the Washington Post in 2016, 2017, and 2018



ABOUT LGS INNOVATIONS

LGS Innovations is a technology company delivering mission-critical communications products, R&D, and supporting services to government and commercial customers worldwide. We create advanced solutions in wireless communications, signals processing and analysis, optical networking, photonics, routing and switching, and spectrum management, driving mission success in C4ISR, cyberspace operations, and network assurance.

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