

PROVIDING INFORMATION & COMMUNICATIONS TECHNOLOGY, ANYWHERE



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Delivering mission-critical communications across the globe requires a proven partner capable of securing your data and ensuring resiliency with a robust, “no-fail” information and communication technology (ICT) ecosystem. As the top satellite communications integrator for the federal government, Leonardo DRS remains the leader for premier ICT solutions. Leonardo DRS has built a legacy with its extensive Global Communications Network (GCN) and its experience efficiently delivering SATCOM solutions, and will continue to meet future demands with its complete end-to-end ICT solutions.

The business focuses on three principles for customer success, reliability, resiliency, and security. Leonardo DRS customers can increase their mission focus because they are provided with reliable ICT solutions that are turn-key, state-of-the-art and consistently deliver optimal levels of confidentiality, integrity, and availability. By using a holistic and vendor-agnostic

approach to integrating the ICT Ecosystem, Leonardo DRS designs redundancies and diversity into each ICT solution to offer its customers the fundamental advantage of a resilient infrastructure that increases mission assurance. Leonardo DRS also provides the security required by government and military customers so they can perform their missions confidently with strong security built into their communications networks.

Gus Anderson, senior director of business development for Leonardo DRS’ Global Enterprise Solutions, points to the GCN as the fulcrum for offering top-of-the-line ICT integration services with the ability to seamlessly transition between both commercial and military satellite systems. “This is a network that hits five continents, littoral and blue waters, in such a manner, that if you put a satellite terminal anywhere on Earth between 65° North and 65° South, we can have you on our network within four hours,” Anderson said.



The Leonard DRS GCN is built on a tried-and-tested terrestrial infrastructure that includes redundant transcontinental and undersea fiber, microwave networks, geographically diverse teleports, and core network nodes that span the globe to deliver resilient communications that meet the most stringent customer requirements. To ensure that the confidentiality, integrity, and availability of all network traffic meets customer requirements, the GCN is operated and managed 24-hours a day, seven days a week, all year long by the Leonard DRS state-of-the-art global network operations and security center.

“We own the equipment that manages the GCN, and we have long-term leases with the terrestrial providers,” Anderson said. “We will have control, ownership, and management of the Global Communications Network for decades to come. This gives our customers the confidence to know they have a communications partner that

can provide them with a reliable, resilient and secure global reach now, and for the foreseeable duration of any contract and beyond.”

As a SATCOM integrator, Leonardo DRS remains focused on ensuring every customer receives the most efficiently delivered bandwidth possible to meet all network requirements. “When the federal government puts out a Request For Proposal (RFP), we find the best solution using the best available bandwidth in the marketplace – meaning the bandwidth that will most readily serve the mission of the government – but also is at a reasonable cost. We do this by leveraging our long-standing relationships with the satellite operators along with our industry knowledge and innovative approach to ICT engineering,” Anderson said.

Leonardo DRS continues to further its standing as the federal government’s top SATCOM integrator, with major programs

like Special Operations Command's Global Access Network, as well as long standing efforts such as providing network services for remote areas' health care and education with Universal Service Administrative Company. The portfolio for premier COMSATCOM support has also included Army Materiel Command, the Marine Corps' III Marine Expeditionary Force in Afghanistan, FEMA, USAID as well as the African Union Commission.

With increasingly complex threats aimed at challenging lines of communication, Leonardo DRS is delivering services with the highest consideration for cyber security. The GCN is currently authorized by the U.S. Government to operate as moderate, moderate, high under NIST Risk Management Framework (RMF) standards. Leonardo DRS provides the assurance that all customers can safely share their vital information in real-time over a cyber resilient network. "We provide one of the only commercial global networks with an active U.S. Government RMF assessment and authorization," Anderson said. "Not only do we have this resilient network, but it also has the cyber security component to it that is very unique within the industry."

Leonardo DRS is dedicated to supporting customers with a "no-fail" Information and Communications Technology ecosystem to

ensure the success of all mission-critical operations. This is based on a commitment to building in security and multiple redundancies to ensure automatic alternate routes are always available and that data reaches its endpoint securely and uncorrupted. The GCN's massive terrestrial infrastructure, resilient capabilities, and integrated security provides assurance to customers that Leonardo DRS' "no-fail" network will meet the most demanding network service requirements.

Now, with an eye to the future, Leonardo DRS is exploring burgeoning possibilities for integrating Low-Earth Orbit (LEO) satellites into its ICT Ecosystem, by recently establishing a new research partnership with a LEO satellite operator. Anderson said, "Leonardo DRS is a growing leader in identifying the LEO market's potential for meeting both DoD and Federal requirements for communications requiring lower latency to the tactical edge."

The Leonardo DRS ICT Ecosystem is the core offering that provides fully integrated, turn-key IT and global communication solutions tailored to each customers current and future requirements so they can focus on their mission. Leonardo DRS engineers, manages, and supports the entire ICT Ecosystem to deliver reliable, resilient, and secure solutions.

