

Low-Earth Orbit (LEO) Ku-band Satellite Services



Ready for Action

Benefits At-A-Glance

- » Higher priority data usage in congested and contested areas
- » Space-based optical mesh network scales for future missions
- » Government dedicated satellites and access to hosted payloads
- » Comms-on-the-move and comms-on-the-pause (COTM/COTP) are future forward compatible
- » Configure traffic to land in a U.S. teleport via inter-satellite links (ISLs)
- » Use a single pane of glass for streamlined management of communications across domains and locations
- » Low SWAP with low weight terminal that can be powered via a standard power outlet or optional 12V accessory outlet

Low-Latency, High-Speed Connectivity for COTM, COTP

Intelsat delivers LEO Satellite Services designed for exclusive use by the U.S. government. These services provide the low-latency, high performance connectivity needed to enable armed forces with near real-time data sharing for ISR, and reliable, clear communications on the move and on the pause (COTM/COTP).

If you need faster internet for peacekeeping operations in remote areas, or a fully managed multi-layered communication solution for mission-critical combat or maritime operations, Intelsat delivers as it has for over 60 years for the U.S. government.

Prioritized Bandwidth for Critical Operations

With LEO Satellite Services, data routes can easily be classified as a priority if the application or mission requires it. Customers can expect download speeds of up to 250 Mbps, upload up to 30 Mbps,

with a latency on average of only 25-50 ms, enabling high throughput connectivity for workloads across the globe.

All-in-One Self Orienting Terminal

Your LEO Satellite Service kit includes a U.S. government compatible terminal that is future ready. The kit includes a phased array high-performance flat panel terminal, WiFi router, and cables. Connect in minutes once the terminal has a clear view of the sky.

Unified Satellite Network Management Solutions

Intelsat is more than a satellite services provider. As a network services and integration partner, we deliver seamless SATCOM solutions, connecting various systems and resources to meet unique military and government needs. Elevate your operations to new heights with Intelsat's secure LEO satellite service and solutions.

LEO Satellite Services



SERVICE: LEO Satellite Services for High Priority U.S. government Data

- High: 100+ Mbps Download
- Expected Download: 60-250 Mbps
- Expected Upload: 10-30 Mbps
- Priority Access Data usage
- Additional Priority Data options available
- Forward compatible with future government architectures
- Available through U.S. DoD contract mechanisms and channels
- No activation fee

HARDWARE: Lightweight flat high-performance terminal for stationary, portable, or mobile use with wedge mount

- 2 year manufacturer's warranty
- Manage many kits from a single pane of glass
- Publicly routable IPv4 address
- Outdoor-rated power supply; WiFi router included
- RJ45 cable for Ethernet connection

SUPPORT: Global Coverage

- 24x7 Intelsat ISOC phone and email support
- Cleared personnel and facilities available
- Return Materials Authorization (RMA) support

About Intelsat

Intelsat's global team of professionals is focused on providing seamless and secure, satellite-based communications to government, NGOs and commercial customers through the company's next-generation global network and managed services. Bridging the digital divide by operating one of the world's largest and most advanced satellite fleet and connectivity infrastructures, Intelsat enables people and their tools to speak over oceans, see across continents and listen through the skies to communicate, cooperate and coexist. Since its founding six decades ago, the company has been synonymous with satellite-industry "firsts" in service to its customers and the planet. Leaning on a legacy of innovation and focusing on addressing a new generation of challenges, Intelsat team members now have our sights on the "next firsts" in space as we disrupt the field and lead in the digital transformation of the industry.

Contact Sales

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