Iridium® for U.S. Government   FACT SHEET

Delivering Mission-Critical Communications Wherever Duty Takes You

Count on Iridium solutions for robust tactical real-time voice and low-latency data communications when it matters most. No other company can help mobilize and monitor personnel, data, and assets on-the-ground, beyond line-of-site and out of reach of terrestrial networks — anywhere on the planet.

Overview

The Iridium network provides unmatched secure communications anywhere on the planet, including the polar regions. Iridium solutions are robust, tactical, real-time and low-latency. With unmatched security, reliability, and reach, Iridium delivers mission-critical communications wherever duty takes you.

By maintaining a partnership with the U.S. Department of defense for almost 20 years, Iridium has been able to provide robust, tactical, real-time voice connections, and low-latency data, all with a secure connection. Iridium offers products and services that are ideally suited for government and military applications requiring reliable connections and critical communications around the world.

In 2019, Iridium completed a multi-year constellation upgrade, replacing all its satellites and upgrading the supporting ground infrastructure including the dedicated U.S. gateway.

Partner Ecosystem

Through an expansive value-added partner network of technology companies with years of government and defense experience, Iridium is advancing the way the U.S. Government communicates every day. Iridium partners use industry-leading core technology to develop hundreds of innovative Iridium Connected® solutions.

Enhanced Mobile Satellite Services Contract

Iridium holds a seven-year contract with the United States Department of Defense, through the United State Space Force, enabling Enhanced Mobile Satellite Services (EMSS) capabilities with unlimited usage for an unlimited number of subscribers on Iridium narrowband devices. Iridium and the DoD have jointly developed an operational environment that provides the critical network transparency and collaboration to enable successful execution of the warfighter's mission. DoD and associated DoD-approved subscribers have unlimited access to:

➤ Global secure and standard voice and data
➤ Secure voice encryption and prioritization (NSA Type 1 and AES 256 encryption)
➤ Broadcast, netted, or DTCS multicast
➤ Data and IoT applications
➤ 24/7/365 EMSS Customer Care

Iridium Certus® for the U.S. Government

Iridium Certus enables broadband and, soon, midband voice and data services, including remote communications, personnel tracking, and over-the-horizon, beyond line-of-sight, and on-the-move communications at a range of speeds at your command. U.S. Government and military customers can rely on the secure, low-latency connectivity of Iridium Certus through the dedicated U.S. Government gateway and infrastructure.

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Service Classes

Iridium Narrowband	Iridium Certus® Broadband
▶ Iridium EMSS Program	▶ Iridium Certus™ 9810 Transceiver
▶ Managed Access	▶ Thales MissionLINK™
▶ In-Transit Visibility	▶ Battlefield Mapping Mission Tools
▶ Blue Force Tracking	▶ Precise Targeting, Geo Intel, Navigation
▶ Distributed Tactical Communications System	▶ Mission Command Collaboration
▶ Internet of Things (IoT)	▶ "Push and Pull" Mission Packages
	▶ Narrowband and Midband Cababilities

Iridium Certus® Midband (Coming Soon)

- ▶ Iridium Certus™ 9770 Transceiver
- ▶ UAV / UAS Command & Control (C2)
- ▶ Global Line of Sight℠
- ▶ IP-Based Handhelds
- ▶ Sensor Imaging
- ▶ Remote Sensor Reporting

Dedicated and Secure Gateway

The Iridium network provides unmatched secure communications anywhere on the planet, including the polar regions through a dedicated U.S. Government gateway. Iridium solutions provide robust, tactical, real-time voice and low-latency data command and control communications. With unmatched security, reliability, and reach, Iridium delivers mission-critical communications.

Key Applications

- ▶ Communications on the Move (COTM)
- ▶ Real-time situational awareness
- ▶ Blue Force Tracking
- ▶ Secure Distributed Tactical Communications System (DTCS) or Netted communications
- ▶ In-Transit Visibility (ITV) for personnel, fleet, and assets
- ▶ Regional theater global command and control (C2)
- ▶ Unmanned Aviation Vehicles (UAV) and Unmanned Ground Vehicles (UGV)
- ▶ Helicopter connecitivity under moving rotor blades
- ▶ HEMS and HUMS data reporting and flight tracking
- ▶ Cockpit and cabin-to-ground communications
- ▶ Air Traffic Service (ATS) Safety Voice
- ▶ Future Air Navigation System (FANS) capability over Aircraft Communications Addressing & Reporting System (ACARS)
- ▶ Remote surveillance, detection, and alerting
- ▶ Environmental and weather monitoring
- ▶ Submarines and Unmanned Undersea Vehicles (UUV)
- ▶ Disaster assessment and response
- ▶ Oceanographic, climate, and wildlife research

Only One Communications Company Connects the Entire Globe

Iridium is a satellite communications company that offers voice and data connectivity anywhere in the world.

Powered by a unique constellation of 66 cross-linked Low-Earth Orbit (LEO) satellites, the Iridium® network enables global connections between people, organizations and assets, in real time. Through an expansive partner network of over 400 international technology companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day.

www.iridium.com

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