



Iridium® for DoD / U.S. Government **FACT SHEET**

Delivering Mission-Critical Communications Wherever Duty Takes You

The Iridium network provides unmatched secure communications anywhere on the planet, including the polar regions. No other company can help mobilize and monitor personnel, data, and assets on-the-ground, beyond line-of-site — globally.

Overview

By maintaining a partnership with the U.S. Department of Defense for over 20 years, Iridium has been able to provide robust, secure, and affordable voice and data connections. Iridium offers products and services that are ideally suited for critical government and military applications as its L-band frequency is resilient to adverse weather, including rain, snow and fog.

In 2019, Iridium completed a multi-year constellation upgrade, replacing all its satellites and updating the supporting ground infrastructure including the dedicated U.S. government gateway. The constellation refresh resulted in an exponential increase of throughput from 2.4 Kbps to 704 Kbps.

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 contract with the U.S. Department of Defense, through the United State Space Force, enabling commercial 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 & Standard Voice & Data
- ▶ Dedicated DoD / U.S. Government Gateway
- ▶ Secure Voice Encryption & Prioritization (NSA Type 1 & AES 256 Encryption)
- ▶ (Enhanced) Short Burst Data® (SBD®)
- ▶ Broadcast, Netted Voice Communications
- ▶ Data & IoT Applications
- ▶ 24/7 / 365 EMSS Customer Care

Iridium Certus® for the U.S. Government

Iridium Certus enables high quality voice and data services at the greatest L-Band speeds, that support connectivity on the move, personnel tracking, and over-the-horizon, beyond line-of-sight communications.

Service Classes	Key Applications
Iridium Narrowband ▶ Iridium Core 9523, Iridium 9602 / 9603 Modules ▶ Speeds Up to 2.4 Kbps / Packet Data ▶ Iridium EMSS Program ▶ Managed Access (Coming Soon) ▶ Distributed Tactical Communications System (DTCS) ▶ Broadcast / Iridium Burst® Iridium Certus® Midband ▶ Iridium Certus™ 9770 Module ▶ Speeds Up to 88 Kbps Iridium Certus® Broadband ▶ Iridium Certus™ 9810 Module ▶ Iridium Certus 700 • IP Data Speeds Up to 704 Kbps ▶ Iridium Certus 200 • IP Data Speeds Up to 176 Kbps ▶ Up to Three High Quality Voice Lines DISA Storefront Purchasing Information: 	▶ Communications on the Move (COTM) ▶ Real-time Situational Awareness ▶ Blue Force Tracking & Position Location Information (PLI) ▶ In-Transit Visibility (ITV) for Personnel, Fleet & Assets ▶ Regional / Theater / Global Command & Control ▶ Unmanned Aviation Vehicles (UAV) / Unmanned Ground Vehicles (UGV) ▶ Unmanned Undersea Vehicles (UUV) / Unmanned Surface Vessels (USV) ▶ Helicopter Connectivity Under Moving Rotor Blades ▶ HEMS & HUMS Data Reporting & Flight Tracking ▶ Cockpit & 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 & Alerting ▶ Environmental & Weather Monitoring ▶ Humanitarian Assistance / Disaster Response & Assessment ▶ Oceanographic, Climate & Wildlife Research ▶ On-the-Move Compressed Video ▶ Multi-Domain Operations / JADC2 PACE ▶ Search & Rescue ▶ Companion Solution to Ku / Ka Band ▶ Remote (Unattended) Sensor Reporting ▶ Predictive Logistics ▶ Common Operating Picture (COP) Transport

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 500 international technology companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day.

www.iridium.com