



# Iridium<sup>®</sup> Satellite Communications

*At only 780 kilometers from the Earth, the proximity of Iridium's LEO network means pole-to-pole coverage, a shorter transmission path, stronger signals, lower latency, and shorter registration time than with GEO satellites. In space, each Iridium<sup>®</sup> satellite is linked to up to four others creating a dynamic network that routes traffic among satellites to ensure global coverage, even where traditional networks are unavailable.*

## Overview

Iridium completed a multi-year constellation upgrade in early 2019, replacing all its satellites and upgrading the supporting ground infrastructure. A leader in the industry, Iridium enables products and services that are ideally suited for markets requiring reliable connections and critical communications such as maritime, aviation, and land, as well as government and military groups around the world.

## Partner Ecosystem

Through an expansive value-added partner network of over 430 companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day. Iridium partners use our core technology to develop hundreds of innovative Iridium Connected<sup>®</sup> solutions, bringing communications and connectivity to users all around the world.

## Social Responsibility

Through support of education, sustainability initiatives, and disaster preparedness and relief, as well as corporate volunteering and philanthropic efforts, Iridium carries out its pledge to make the world a better place. Iridium strives to set examples for those it works with, for, and around with high standards of corporate citizenship.

## Products & Services

- ▶ **Iridium Certus<sup>®</sup>:** With speed capabilities ranging from 22 to 1408 Kbps, Iridium Certus is an award-winning, advanced multi-service platform enabled by the upgraded Iridium constellation. Offering the highest L-Band data throughput, Iridium Certus provides the flexibility to scale device speed, size, and power requirements, both up and down, based on the needs of end-users.
- ▶ **Personal Communications:** Iridium has a strong history with personal communications. From the original satellite phone, to the first-ever truly global push-to-talk handsets, to today's personal communication devices, Iridium enables users to stay connected anywhere in the world using the technology best fit for their individual needs.
- ▶ **Internet of Things (IoT):** With a reliable global network, Iridium powers new and innovative opportunities through industry-leading core technology and an ecosystem of partners with expertise in virtually every market. Iridium is enabling solutions for remote sensing, monitoring, and tracking; cloud computing; command and control of autonomous systems, and more.

## Markets Served

### Maritime

- ▶ Merchant Shipping
- ▶ Commercial Fishing
- ▶ Leisure
- ▶ Research Vessels
- ▶ Workboats
- ▶ Fixed

### Land Mobile

- ▶ Rail
- ▶ Remote Transportation
- ▶ Forestry
- ▶ Military / Foreign MODs
- ▶ Emergency & First Response
- ▶ Disaster Assessment & Relief

### Aviation

- ▶ Commercial (Cockpit)
- ▶ General Aviation
- ▶ Business Jets
- ▶ Rotorcraft
- ▶ UAV / RPA
- ▶ Government

### Internet of Things

- ▶ Asset / Fleet Tracking
- ▶ Oil & Gas
- ▶ Heavy Equipment
- ▶ Personal Tracking & Safety
- ▶ UAS / Global Line of Sight<sup>SM</sup> Services
- ▶ Remote Sensing

### U.S. Government

- ▶ Military / DoD Communications
- ▶ Remote Distributed Sensors
- ▶ In-Transit Visibility
- ▶ Autonomous Systems
- ▶ Scientific Research
- ▶ Climate Monitoring

## Locations

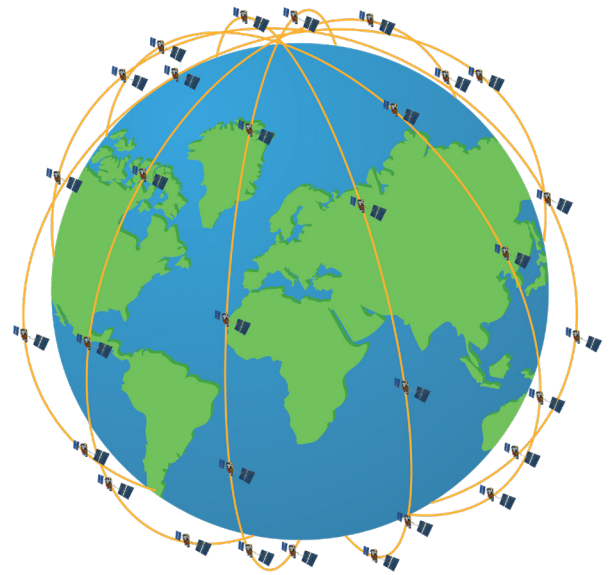
- ▶ **Corporate Headquarters:** McLean, Virginia
- ▶ **Satellite & Network Operations:** Leesburg, Virginia; Tempe, Arizona
- ▶ **Primary Gateway:** Tempe, Arizona
- ▶ **Commercial Ground Stations:** Tempe, Arizona; Fairbanks, Alaska; Svalbard, Norway; Punta Arenas, Chile
- ▶ **Technical Support Center:** Chandler, Arizona

## Snapshot

- ▶ **Workforce:** Over 475 employees/contractors
- ▶ **NASDAQ:** IRDM
- ▶ **2019 Annual Revenue:** \$560.4 Million
- ▶ **2019 Global Subscribers:** 1.30 Million

## Network Statistics

- ▶ **Satellites:** 66
- ▶ **Orbital Planes:** 11
- ▶ **On-Orbit Spares:** 9
- ▶ **Ground Spares:** 6
- ▶ **Distance From Earth:** 476 miles (780 kilometers)
- ▶ **Satellite Speed:** 17,000 mph (27,350 km/h)



## 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](http://www.iridium.com)

