



IRIDIUM CORPORATE OVERVIEW

UPDATED 3Q 2020





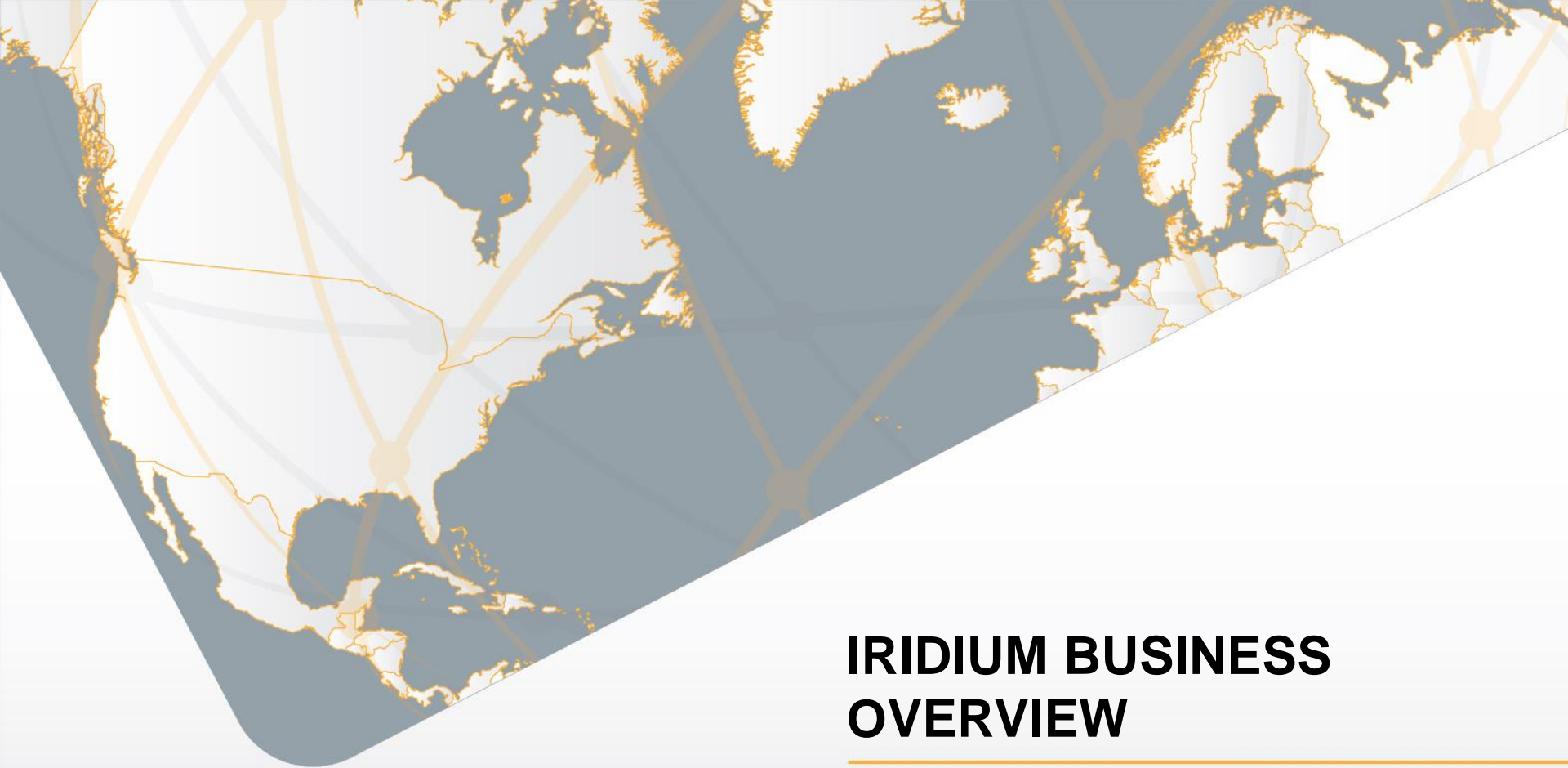
LEGAL DISCLAIMER

Statements made in this Presentation are not warranties, and IRIDIUM EXPRESSLY DISCLAIMS ALL WARRANTIES, IMPLIED WARRANTIES, WARRANTIES OF MERCHANTABILITY AND WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, except as expressly set forth in the relevant Iridium Limited Warranty and the Iridium Product Sales Terms and Conditions.

The views and opinions expressed in this Presentation are solely those of the presenter and do not necessarily represent those of Iridium which makes no warranty as to accuracy or completeness of the information provided or the views or opinions presented. The information in this Presentation is subject to change without notice.

Read and understand the Iridium User Manual and the safety warnings and information contained in that Manual before using any Iridium product.

Iridium® is a registered mark of Iridium Satellite LLC and its affiliates. All other registered marks, trademarks, service marks and logos are property of their respective holders. Information is subject to change without notice.



IRIDIUM BUSINESS OVERVIEW





IRIDIUM COMMUNICATIONS INC. - SNAPSHOT

1.36M

Global
Customers

450+

Technology
Partners

\$569.1M

In Total
Revenue*

*TTM through 6/30/2020

530+

Employees &
Contractors
Worldwide

As of the latest reporting date (7/28/2020)
for the quarter ended 6/30/2020



IRIDIUM COMMUNICATIONS INC. - SNAPSHOT

Iridium is organized into four commercial lines of business, in addition to supporting our government customers' unique requirements.



Shipping
Fishing
Research
Leisure
Workboats



Remote
Transportation
Emergency &
Disaster
Response
Press / Media



Business
Commercial
(Cockpit)
General Aviation
Rotorcraft
UAVs

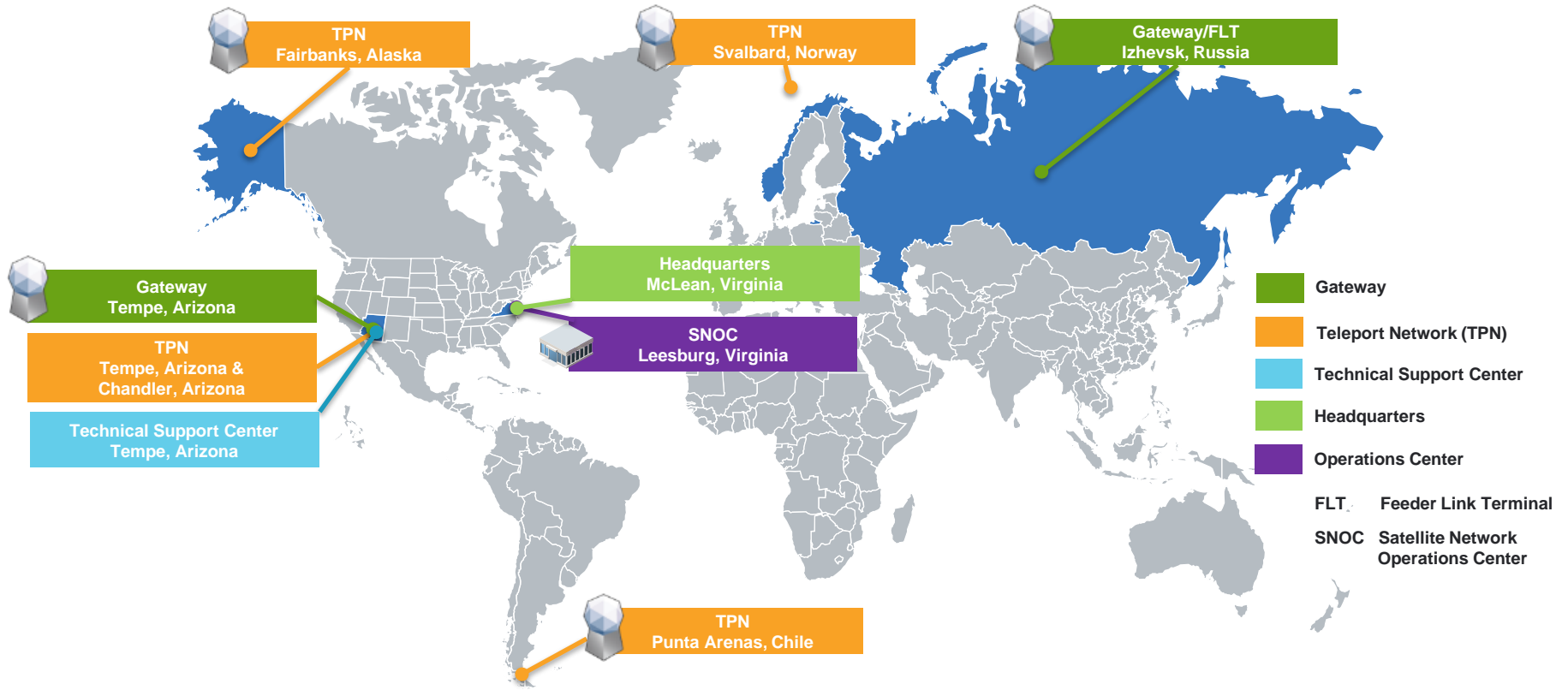


Asset / Fleet
Tracking
Personal Safety
Remote Sensing
Buoys, Oil & Gas,
Heavy Equipment



Military / DoD
Government
Research
Climate
Monitoring

IRIDIUM GATEWAY & GROUND STATION LOCATIONS



THE IRIDIUM[®] NETWORK: RELIABILITY ABOVE ALLSM

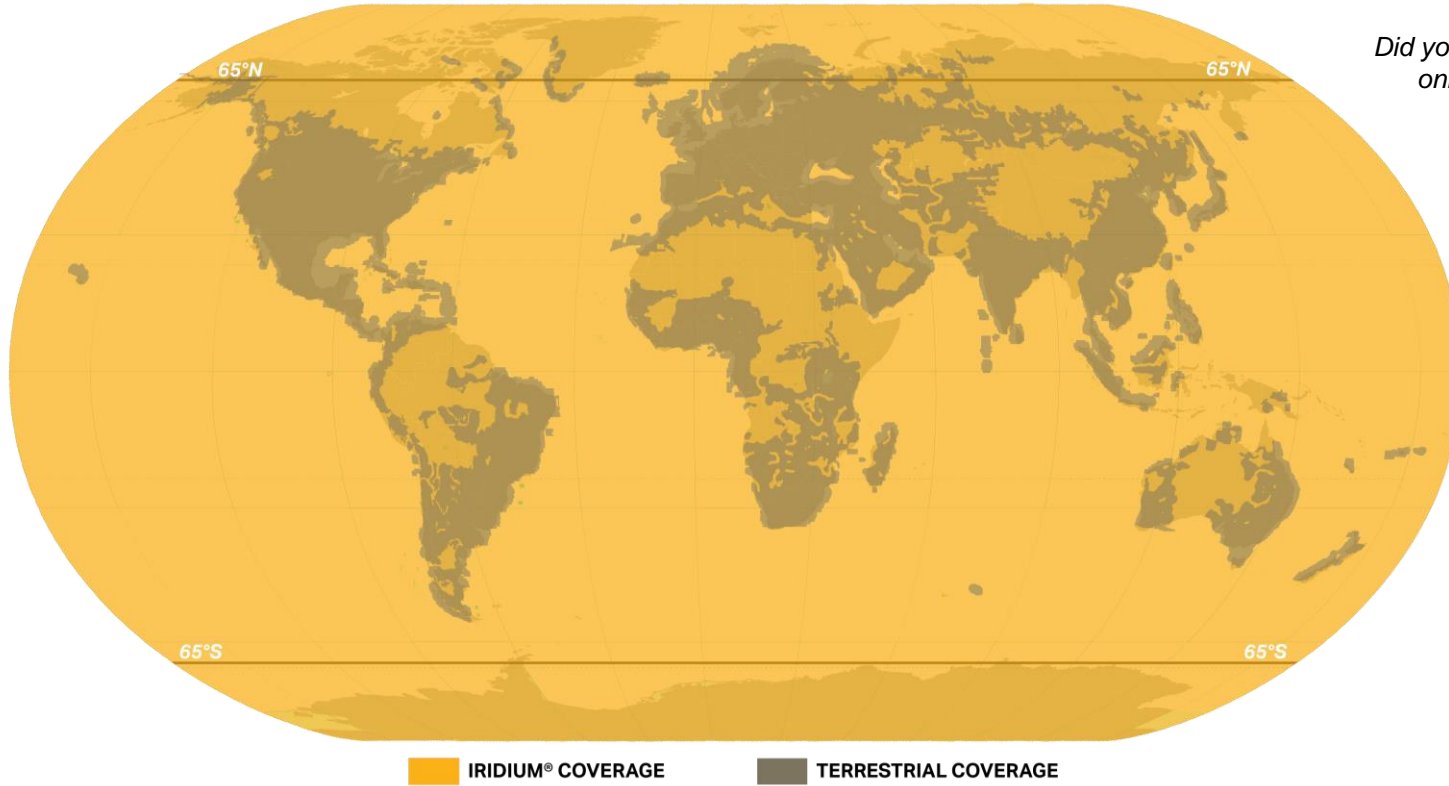
- **66 Active Satellites**
 - 6 orbital planes with 11 satellites each
 - Plus 9 in-orbit spares
 - Plus 6 ground spares
- **Low-Earth Orbit (LEO)**
 - Enables reliable communications anywhere in the world
- **L-Band System**
 - Allows for transmissions even in adverse weather conditions
- **Satellite Crosslinks**
 - Creates low-latency, resilient, high-quality connections





GLOBAL DOESN'T NEED A COVERAGE MAP

Did you know terrestrial networks only cover ~15% of the Earth?





THE IRIDIUM[®] ADVANTAGE

Reliability

Multiple satellites, resistant to terrestrial/weather conditions

Low Latency

Short call path; Real-time; Over 40x closer than GEO

LEO Architecture

Iridium expands the reach of VSAT and Air-to-Ground (ATG) Systems

Resilience

Satellite crosslinks, dynamic routing, few gateways

Simplicity

Omni-direction antenna, communication on the move

Visibility

Dynamic constellation means connectivity in any landscape

Redundancy

Dynamic constellation provides redundancy and network flexibility

Power Efficiency

Low-power transceivers, small form factors

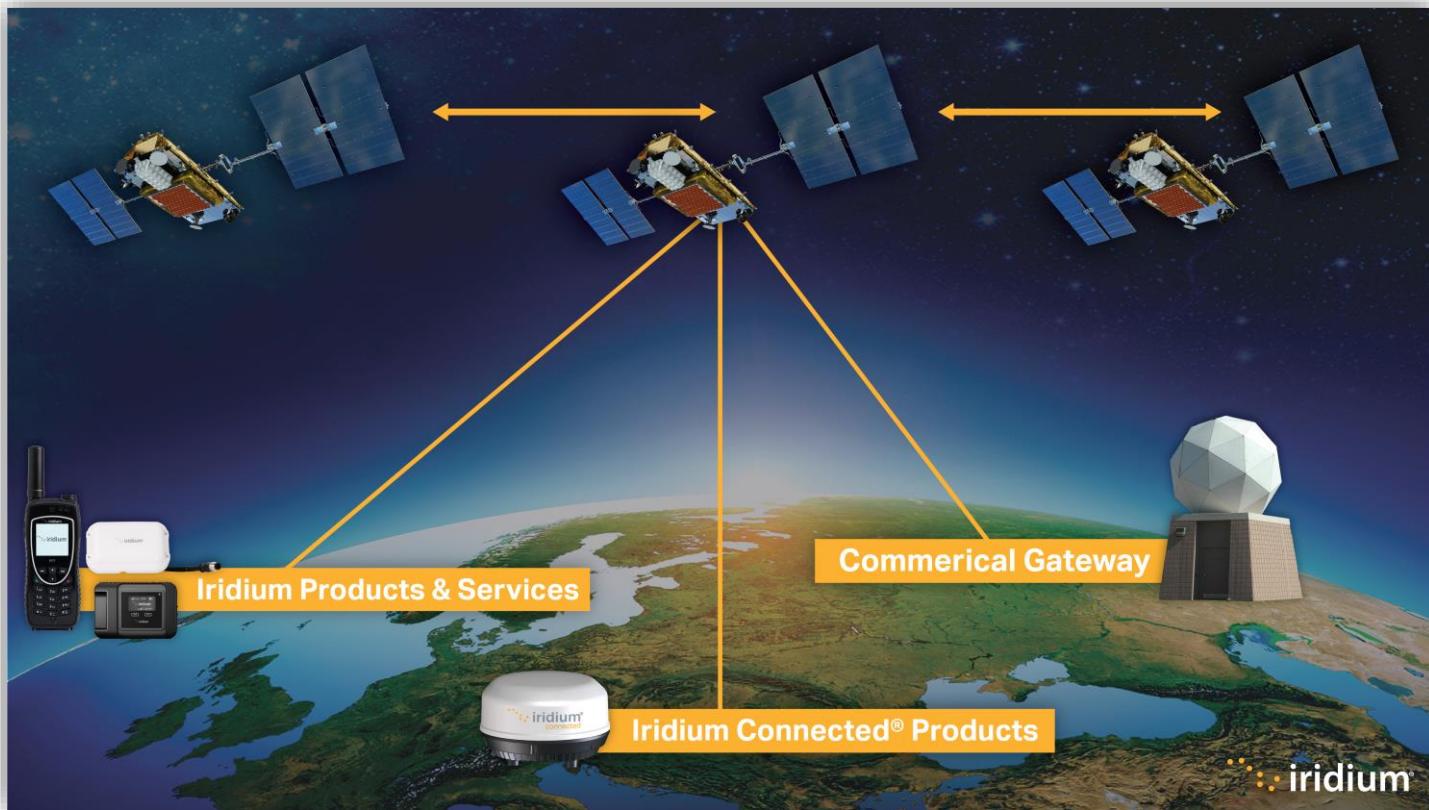
Cost

Smaller, less-costly antennas required

Global Coverage

Inter-satellite links and meshed network provide truly global pole-to-pole coverage

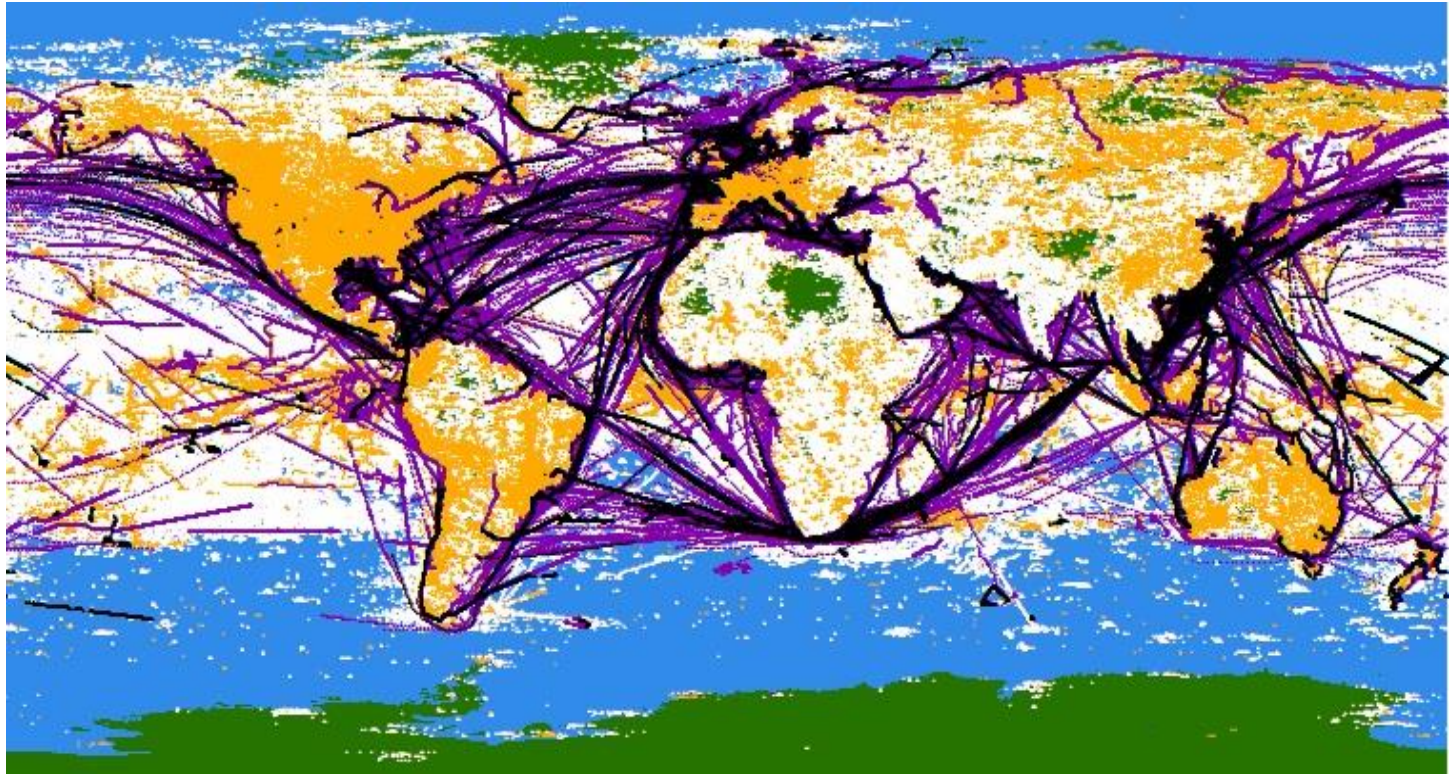
HOW THE IRIDIUM® NETWORK WORKS










NETWORK LEADERSHIP FUELS GLOBAL USAGE

Plot of Iridium Service Usage (Origination Points): July 19, 2020 – July 25, 2020



-  Iridium® Voice Call
-  SBD® Data Transmission
-  Iridium OpenPort® High-Speed Data Traffic
-  Iridium Certus® Session

IRIDIUM IS WELL-POSITIONED TO ADDRESS GLOBAL MOBILE SATELLITE SERVICES (MSS) MARKET NEEDS

	Market Position	Key Competitors	Iridium Advantages	Growth Strategy
 Land Mobile	Market Leader with Premium Product Offerings	International: Inmarsat Regional: Globalstar, Thuraya	True Mobility Global Coverage Reliability	Robust, Multi-Device Portfolio Attractive Product Margins for Dealers
 Maritime	Large Addressable Market with High Value Customers	Inmarsat	Global Coverage Low Cost Small Antenna	Safety Services (incl. GMDSS) Value-Oriented Offerings Market-Leading Throughput
 Internet of Things (IoT)	Premium Provider with Rapid Subscriber Growth	Orbcomm (Hybrid) Globalstar Inmarsat	Global Coverage Low Latency Throughput Small Form Factor	Hardware Cost Reduction Complementary to Terrestrial Solutions
 Aviation	Market Leader in General Aviation Broadband Opportunity	Inmarsat	Global Coverage Low Cost Small Device	Safety Services for Pilots Leverage Global Coverage Advantage
 U.S. Government	Reliable, Global L-band Services	Inmarsat	Global Coverage Reliability Dedicated, Secure USG Gateway	New Applications Enabled by Iridium Certus®

YOUR WORLD. OUR NETWORK.SM

Iridium[®] Partner Ecosystem

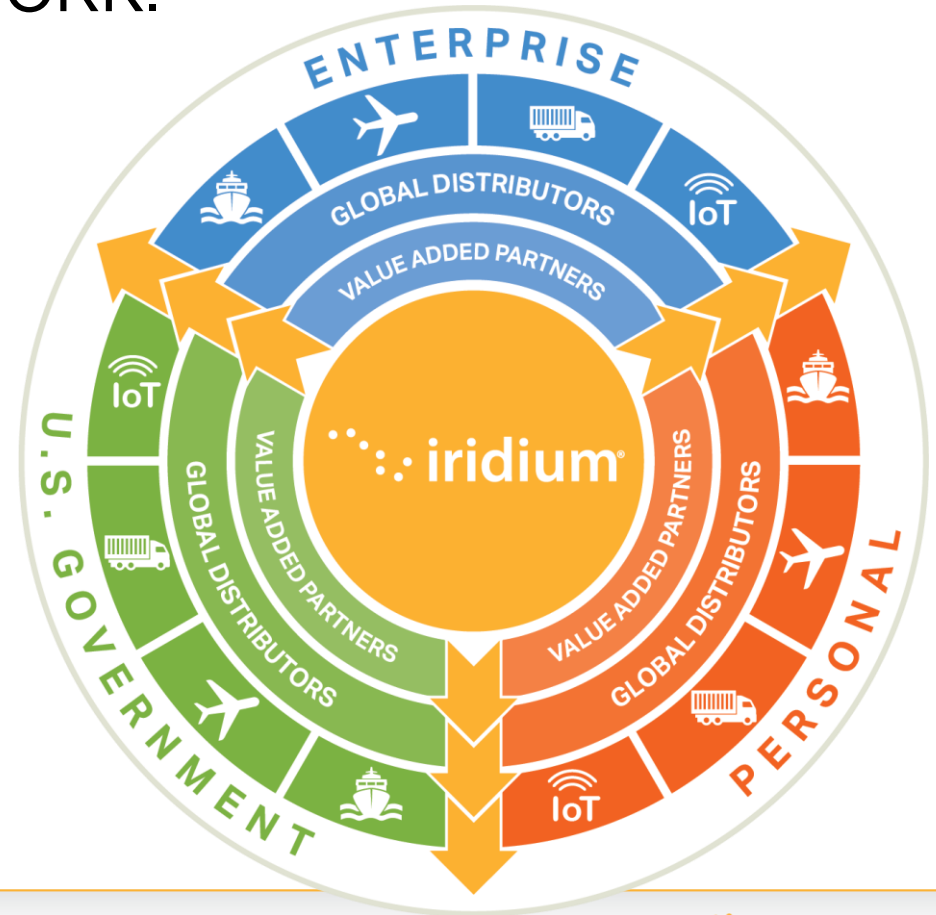
Through our expansive **partner network** of more than 450 companies, Iridium is advancing the way enterprises, governments, and individuals communicate every day.

VAM = Value-Added Manufacturer

VAR = Value-Added Retailer

VAD = Value-Added Developer

SP = Service Provider





EVERYTHING WITHIN REACH.SM

Iridium[®] Use Cases





INDUSTRY LEADERSHIP





OUR LONG-TERM COMPETITIVE ADVANTAGE

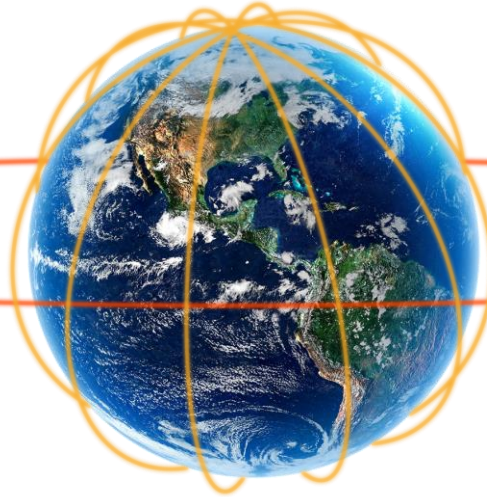
Our network provides a superior, differentiated experience for customers

- The world's only truly global commercial communication network, providing pole-to-pole coverage
- A unique LEO constellation sets it apart from MEO and GEO systems - shorter distance to satellites results in stronger signals, lower latency, smaller antennas, and shorter registration time
- Cross-linked and overlapping “mesh” architecture of 66 in-orbit satellites delivers superior availability, efficiency, flexibility and reliability
- On-board processors allow for new, innovative applications as technology evolves

LEO VS. GEO

LOW-EARTH ORBIT (LEO)

- Fly at a much faster pace because of their proximity to Earth
- Revolve at 160-2,000 km (99-1,200 mi) above Earth
- Shorter communication time lag (low latency)
- Provides truly global, continuous service
- Traditionally L-Band systems (lower part of the radio spectrum)
- Best for: critical communications, asset tracking, and safety services



GEOSYNCHRONOUS EQUATORIAL ORBIT (GEO)

- Appear fixed as they move at the same angular velocity as the Earth and orbit along a path parallel to Earth's rotation
- Revolve at 35,000 km (22,000 mi) above Earth
- Longer communication time lag (higher latency)
- Traditionally C, Ku, and Ka-Band systems (best for satellite TV and VSAT networks)
- Cannot provide continuous service above or below +/- 70 degrees latitude
- Best for: weather forecasting, satellite radio, and television





CORPORATE SOCIAL RESPONSIBILITY AT IRIDIUM

Through education, environment, and other philanthropic efforts, we carry out our pledge to make the world a better place. We strive to set examples for those we work with, for, and around with high standards of corporate citizenship.



**DISASTER PREPAREDNESS
& RELIEF**



SUSTAINABILITY



STEM EDUCATION



IRIDIUM CERTUS®



WHAT IS IRIDIUM CERTUS®?

Iridium Certus is a multi-service platform enabling products and services on the new Iridium® satellite constellation.

- **Offers the fastest L-band speeds available!**
- Enterprise-grade L-Band services across maritime, land mobile, aviation, and IoT
- Multi-service platform
 - High-Quality Voice
 - Highest L-band Data Throughput
 - Secondary Data Flows (SDF), Streaming
 - Safety Services
- Smaller, faster, lighter, and easier to install than the competition



IRIDIUM CERTUS® SERVICE CLASSES

22
Kbps

MIDBAND

Iridium Certus 20

- Global Maritime Distress and Safety System (GMDSS)*
- ACARS
- Asset Tracking
- eLog Book
- Telemetry
- Remote Monitoring

88
Kbps

MIDBAND

Iridium Certus 100

- Internet/VPN
- Email
- Graphical Weather (WX)
- Photo Transfer
- Credit Card Validation
- Global Maritime Distress and Safety System (GMDSS)*

176
Kbps

BROADBAND

Iridium Certus 200

- Encrypted Voice
- Low Resolution Video
- AMSRS & ACARS
- Global Maritime Distress and Safety System (GMDSS)*

704
Kbps

BROADBAND

Iridium Certus 700

- Higher IP Data Speeds
- Multi-User Internet / VPN
- Global Maritime Distress and Safety System (GMDSS)*

352
Kbps

BROADBAND

Iridium Certus 350

- Flight Data Recorder Streaming
- VSAT Redundancy
- High Resolution Video
- Video Conferencing
- Telematics
- Global Maritime Distress and Safety System (GMDSS)*

The Iridium network is capable of supporting speeds up to 1408 Kbps. Future development of Iridium Certus 1400 service is dependent on market demand.

**GMDSS recognition by IMO received in May 2018; service expected to begin in 2020*



THE FASTEST L-BAND SPEEDS AVAILABLE

The advertisement is divided into three horizontal sections. The top section shows an aerial view of a large cargo ship sailing on a blue sea, leaving a white wake. To the right of the ship, the Iridium logo is visible, along with two white satellite terminals: one labeled 'SAILOR' and one labeled 'THALES'. The middle section is a white background with the text 'Iridium Certus® 700' in large orange font, followed by 'The fastest L-band speeds are here' in a smaller orange font. The bottom section shows a long freight train with orange and yellow locomotives pulling blue and red containers across a dry, desert landscape under a clear blue sky. A white satellite terminal labeled 'THALES' is positioned in the upper left corner of this section.

Iridium Certus 700 provides top download speeds up to 704 Kbps, more than 270 Kbps faster than the top download speed of the closest competitive L-band solution.


IRIDIUM[®] SERVICES

SERVICE CLASS	CORE TECHNOLOGY	SERVICES	ENABLED DEVICES
<p>Iridium Narrowband (Up to 2.4 Kbps)</p>		<ul style="list-style-type: none"> Voice Communications Short Burst Data[®] (SBD[®]) Circuit-Switched Data (2.4 Kbps Up/Down) 	
<p>Iridium Certus[®] Midband (22 Kbps - 88 Kbps)</p>		<ul style="list-style-type: none"> HQ Voice Communications IP Data (up to 88 Kbps) Iridium Certus Messaging Streaming Data (Planned up to 14.4 kbps or up to 56 kbps with 88/88) 	 <p><i>Examples of potential enabled devices. Iridium Certus midband products are currently in Beta testing.</i></p>
<p>Iridium Certus[®] Broadband (176 Kbps – 704 Kbps)</p> <p><small>*The Iridium network is capable of supporting speeds up to 1408 Kbps. Future development of Iridium Certus 1400 service is dependent on market demand.</small></p>		<ul style="list-style-type: none"> IP Data up to 704 Kbps* HQ Voice Communications Secondary Data Flows Prepaid Voice Prepaid Data High-Speed Streaming (up to 256 Kbps) 	


IRIDIUM CERTUS[®] MIDBAND FILLS THE GAP



Iridium[®] Narrowband
(2.4 Kbps)



Iridium Certus[®] Midband
(22 Kbps - 88 Kbps)



Iridium Certus[®] Broadband
(176 Kbps – 704 Kbps)



A new L-Band speed class ideal for UAVs, remote devices and sensors, and new personal communicators

The Iridium network is capable of supporting speeds up to 1408 Kbps. Future development of Iridium Certus 1400 service is dependent on market demand.

IRIDIUM CERTUS[®] ADVANTAGES

**Highest speed
L-band**

Adverse-weather connectivity

Truly global

**No degradation in
high-latitudes**

**Low-cost, solid-state antennas
optimized for mobile**

**Fast acquisition and
registration time**

**Low latency and jitter for IP
data and voice**

**Optimized
to streamline
bandwidth use**

**Recognized GMDSS and
AMS(R)S provider**

GMDSS service availability expected in 2020.

IRIDIUM CERTUS® BROADBAND PRODUCT STRATEGY

MissionLINK



Intellian C700



VesseLINK



SAILOR 4300



Robust



High Quality



Powerful



World Class



Affordable



Recognized Brand



Safety



Easy Install



Supported

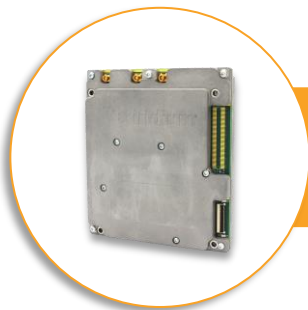


Lighter

Iridium VAMs have developed superior product offerings based on Iridium's new, advanced satellite network



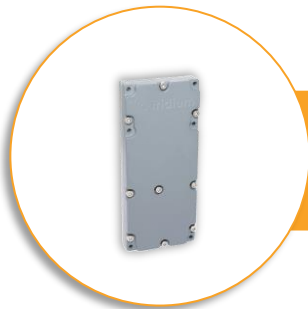
IRIDIUM CERTUS® PRODUCT OPPORTUNITIES



**Iridium Certus
Broadband**
176 Kbps – 704 Kbps



OPTIMIZED FOR SPEED



**Iridium Certus
Midband**
22 Kbps – 88 Kbps



**OPTIMIZED FOR
SIZE, COST, POWER**

The Iridium network is capable of supporting speeds up to 1408 Kbps. Future development of Iridium Certus 1400 service is dependent on market demand.



IRIDIUM CERTUS® FOR PRIMARY L-BAND COMMUNICATIONS



Iridium Certus provides a value solution for high-speed requirements on vessels, delivering:

- Optimal benefits of L-band and Low-Earth Orbit in a high-speed solution
- Standardized packaging and speeds
- Clear and upfront pricing, no small print



Iridium Certus is a straightforward, turnkey solution in an increasingly confusing market



IRIDIUM CERTUS® FOR VSAT COMPANION COMMUNICATIONS



When paired with traditional VSAT, Iridium Certus delivers an ideal hybrid solution combining the benefits of:

- Low-Earth Orbit with Geostationary Orbit
- L-band with Ku-band



Iridium Certus maritime solutions are becoming the de facto standard for VSAT companion communications.



IRIDIUM CERTUS® FOR COMPLEMENTARY L-BAND COMMUNICATIONS



Iridium Certus land mobile supports an ideal hybrid solution combining the benefits of the reliable, global Iridium® network with terrestrial communications coverage through **preferred routing** and **dynamic switching**.



IRIDIUM CERTUS® GO-TO-MARKET MODEL

PRODUCTS



VAMs



SPs



SERVICES



Wholesale Service



Retail Service



Iridium provides both the enabling equipment and the network connectivity for VAMs to manufacture and sell products, and for SPs to deliver services to customers.



IRIDIUM CERTUS® PARTNER TESTIMONIALS

*“Iridium Certus will **greatly complement our Speedcast Atlas™** managed services portfolio delivering reliable communications to end users anywhere on the planet. We look forward to continuing working with Iridium for many years to come.”*

*Tim Bailey,
Executive Vice President, Products,
Marketing, and Business Development,
Speedcast*



*“Iridium's signature full global coverage, coupled with the enhanced capacity and speed of Iridium Certus, has created a **real buzz in the marketplace...***

We're excited to bring this new service to our diverse maritime customer base.”

*Graeme Gordon,
Global Commercial Director, Satcom Global*



*“Our long-term, non-exclusive alliances and commercial collaborations with Satellite Operators **ensure we can deliver future-proof solutions,** and we look forward to continuing our work with Iridium in order to bring the benefits of its next generation network to our global customer base.”*

*Ghani Behloul,
Chief Marketing Officer, Marlink*





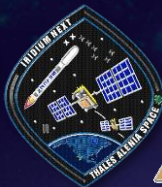
IRIDIUM® NEXT MISSION COMPLETE



THE HISTORIC IRIDIUM® NEXT LAUNCH CAMPAIGN



January
2017



June
2017



October
2017



December
2017



March
2018



May
2018



July
2018



January
2019

**75 satellites launched
in just two years!**





The Historic Iridium **NEXT** Launch Campaign

Overview

- Faster Data Speeds
- Increased Capacity
- Enables Iridium Certus®

By the Numbers

- **\$3B** Satellite Refresh Program
- **81** New Satellites (66 operational)
- **8** Launches on SpaceX Falcon 9
- **12.5** Year Design Life

New Revenue Streams

- Iridium Certus® Services
- AireonSM Aircraft Tracking Hosted Payload

Final Launch Completed: January 11, 2019

IRIDIUM® NETWORK EVOLUTION

Upgraded satellites will provide a significant improvement in voice quality and data speeds

First-Generation Constellation

Upgraded Network Capabilities

Voice: 2.4 Kbps

Voice: 2.4Kbps (SQ) and 4.8Kbps (HQ)

Short Burst Data® (SBD®)

Short Burst Data® (SBD®)

LBT Data:
Circuit Switched 2.4 Kbps Up/Down

Upgraded Network LBT Data:
Circuit Switched 2.4 Kbps
< 22 < 88 Kbps

Broadband:
Iridium OpenPort® up to 134 Kbps IP data

Midband:
< 88 Kbps IP data

Broadband:
< 176 Kbps IP data
< 352 Kbps IP data
< 704 Kbps IP data
< 1408 Kbps IP data

Supports First Generation Terminals Only

Supports First Generation and New Terminals