FACT SHEET

Iridium Certus℠

Reliable Communications Wherever You Need It

Iridium Certus will extend the reach of terrestrial and cellular infrastructure like never before with truly mobile communications capabilities, making it ideal for supporting critical connectivity needs regardless of location, terrain and weather events.

One Platform for Any Need

Iridium Certus sets the new standard for remote communications and connectivity for enterprises, governments, and individuals that want to extend their use of mobile networks into remote areas, without having to deploy ground-based infrastructure or expensive terminals. With mobile IP data speeds debuting at 352Kbps, upgradable to 704Kbps, one platform will deliver a reliable, simultaneous connection for data access, multiple voice lines, and location-based applications. Iridium's low latency network also supports over-the-top smartphone applications, allowing messaging and push-to-talk services to operate seamlessly for a consistent user experience anywhere on the planet.

Products

Based on Iridium's unique Low-Earth Orbit (LEO) network, Iridium Certus terminals utilize antennas with stationary internal components, providing enhanced reliability and a lower profile design to open up new markets and applications for satellite services. Unlike Geostationary (GEO) terminals that require complex and expensive steerable antennas or manual pointing to connect, Iridium terminals feature solid-state, omni-directional antennas that automatically connect with the closest Iridium satellite wherever pointed toward the sky, allowing for a simple set-up and use. Iridium Certus will integrate with the robustly designed Thales MissionLINK™ terminal that will enable customers to connect multiple smartphones or laptops via WiFi or Ethernet, while communicating simultaneously via up to three high quality voice lines. Customers may also configure the Thales MissionLINK to connect through the Iridium satellite network and then automatically route their data connection through an external cellular modem when networks are available in order to reduce costs and provide a seamless user experience. Thales MissionLINK also offers a Radio Gateway that allows customers to connect their Land Mobile Radios, allowing dispatchers or disparate groups to communicate using a high-quality voice line connection.

Markets

- **Military** - Special Operations, Combat Operations, Combat Support
- **NGO** - Relief Workers, Security Teams
- **First Responders** - Fire Fighters, Policemen, Emergency Medical Responders
- **Utility Workers** - Oil and Gas Workers, Field Service, Energy Providers
- **Remote Transportation** - Drivers, Logistics Support
- **Media** - Journalists, Photographers

iridium®

Applications

Operations Team

- Phone Calling / Email
- VPN / Corporate Intranet
- Video Conferencing
- Video Monitoring
- Image /Video Uploads
- Standard-definition Broadcast / Newsgathering
- Public Safety Database Access (License Plates, Warrants)
- Telemedicine (Triage Instructions, ECG Monitoring)
- Location / Safety Status / Situational Updates
- Aid Requests / Group Messaging
- Support for Push-to-Talk and Messaging Applications

Dispatch/Operations Center

- Job Ticketing and Proof of Delivery
- Fleet Management Software
- Utility Troubleshooting Database
- Situation Reports / Responder Location
- Supply Requests / Vehicle Telemetry and Location
- Disaster Management (Satellite Imagery)

Backup Communications

- Cellular Network Extension
- VSAT Companion

Key Advantages

- **Highly Mobile** - The Iridium network is built for mobility - providing communications and connectivity on the move, anywhere on the planet allowing vehicles and personnel to remain in contact while operating in remote areas without having to stop and set up network access.
- **Robust Terminals** - Robust, rapidly deployable terminals feature simple and reliable omni-directional antennas.
- **Multi-Service Connectivity** - Through a multi-service communication and connectivity service platform, Iridium Certus will offer high-quality voice, IP Data and Streaming Data*.
- **Best Value** - Iridium Certus offers visibility and predictability of data usage, as well as seamless broadband connectivity that can be configured to automatically switch between the Iridium network and local infrastructure.
- **Reliable Coverage** - Iridium Certus is enabled by a network of 66 nearby satellites that provide service anywhere on the planet in all weather conditions without compromise.

Iridium Certus is built for mobility, creating the first globally “connected vehicles” allowing drivers and their passengers to be more productive on the move. Learn more about the best broadband service for mobility – Iridium Certus - at **www.IridiumCertus.com**.

*Expected availability in the second quarter of 2019.

Contact Information

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https://www.satmodo.com/product-category/iridium-certus-maritime/

satmodo.com
Complete Satellite Solutions

Value-Added Manufacturer: Thales
Enabling Service: Iridium Certus[SM]

Only One Communications Company Connects the Entire Globe

Iridium commands the world’s furthest reaching network, making it the only truly global communications company with solutions that span from pole-to-pole. Iridium voice and data products provide superior communications solutions that allow global companies, government agencies and individuals to stay connected everywhere. With a unique, global ecosystem of partners, Iridium continues to create new, high-value capabilities that are leading the world into a new era of communication.

www.satmodo.com

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