



# PREFERRED COMMUNICATIONS

**APRIL 2019 QUARTERLY NEWSLETTER**

## IRIDIUM PUSH-TO-TALK (PTT)

Iridium Extreme® Push-to-Talk makes the power of fast, simple and secure group communication available on the toughest push-to-talk enabled satellite phone on the market – all at the push of a button.

### Built for Push-To-Talk

For team communications, the Iridium Extreme® PTT is engineered to support high intensity users in some of the harshest environments. The Iridium Extreme® PTT takes reliable and global communications to the next level with a high audio loudspeaker, reinforced PTT button, and extended battery. The intuitive user interface provides standard voice calling, SMS, and SOS, as well as quick access to push-to-talk, allowing you to connect with your team instantly and securely, anywhere on the planet.

### Push-to-Talk. Evolved.

Only Iridium can deliver push-to-talk the way it was meant to be – fast, simple, and adaptable to evolving situations with the power of Iridium's global satellite network. In PTT mode, your teams have access to unparalleled situation awareness and control

### Features including:

- Automatic registration
- Over-the-air talkgroup programming
- PTT service status
- Dynamic talkgroup selection and monitoring
- Device talker ID
- Device talker distance and bearing
- Visual and audio talkgroup scan

All on the world's farthest reaching network enabling your teams to communicate instantly where they need it without the expense and limitations of traditional ground-based towers and repeaters. Coverage areas, device security, and talkgroup configuration can all be adjusted over-the-air as needed by administrators using the Web-based Iridium Push-to-Talk (PTT) Command Center tool, simplifying support and maintenance of devices deployed in the field. It is designed for simple configuration and fast operation, and features robust management capabilities, ease of navigation and intuitive user interface.

### Versatile Mobility

Unlike previous PTT satellite systems that are limited to use in or around vehicles, the Iridium Extreme® PTT is a completely mobile satellite handset that provides flexibility to support every communication environment. Versatile accessories including shoulder-mounted carrying cases, docking stations and external antennas (sold separately)

ensure critical communications can be maintained in any situation – on foot, in-vehicle, ship or aircraft or inside buildings.

### Your Push-to-talk Investment is secure into the future

Iridium is committed to extending your global communications reliability and performance far into the future. Your Iridium Extreme PTT devices are designed to be compatible with both the current Iridium® network and Iridium NEXT, Iridium's groundbreaking next generation constellation of 66 interlinked, low-earth satellites, with launches scheduled beginning in 2015. We are committed to ensuring that the investments that you make today will continue to be supported on Iridium's high-reliability, mission-critical network.



### Iridium Extreme® PTT Capabilities

- Global: Works pole-to-pole where you need it
- Mobile: Fully integrated for on-the-move, handheld use
- Fast: Call set-up and inter-call performance in-line with traditional solutions
- Simple: Automatic programming and registration with easy-to-use menu navigation
- Adaptable: Use on-foot, in-vehicle, or in-building with available accessories
- Secure: Push-to-Talk communications are kept private with AES 256 encryption
- Interoperable: Allows communication between various organizations

### Physical Features

- Meets military-grade durability standards
- Jet-water, shock and dust resistance (IP65-rated)
- Compact, lightweight design for ultimate portability
- Diamond treaded, taper grip for in-hand ergonomics
- Integrated loudspeaker
- Rugged, high-gain antenna
- Daylight-readable, glare-resistant display
- 2.5mm headset and hands-free capability
- Mini-USB data port

[Click here for more information](#)



## NEW HUGHES 9450LW-C11

The new low-cost **Hughes 9450LW-C11** (Lite with Wi-Fi) BGAN Mobile Satellite Terminal.

Using the world's smallest mobile BGAN terminal package, customers can connect at IP broadband speeds of up to 464 kbps while on-the-move or on-the-pause. The Hughes 9450LW-C11 terminal is fully approved for operation on Inmarsat's Broadband Global Area Network (BGAN) satellite service and provides high-performance, on-the-move connectivity for the most demanding environments. The Hughes 9450LW-C11 is a low-cost, highly competitive mobile terminal, ideal for government, first responders, public safety, mobile healthcare, and remote mobile fleet personnel in industries, such as utility, oil and gas, forestry, cable, and telecommunications. Corporate disaster planners and remote field personnel can collaborate reliably and efficiently with various agencies and headquarters staff. The Hughes 9450LW-C11 terminal is IP-based and offers selectable, dedicated Quality of Service (QoS) levels. It automatically accepts the user's choice of standard SIM or BGAN M2M SIM. Simple, quick, and flexible options are available for installation on any vehicle. The mini-antenna may be permanently mounted for fleet-style installation or the optional magnetic roof mount can be used for rapid installation and removal. The Hughes 9450LW-C11 terminal has four (4) Ethernet ports and an 802.11b/g/n wireless access point, which allow the user to connect multiple devices.



Hughes

**"Never lose communications or connectivity with our satellite products that we offer"**

**Features**

- Fully autonomous tracking antenna acquires and tracks the BGAN satellite signal while on-the-move or on-the-pause.
- Four Ethernet ports supporting multiple devices.
- 802.11b/g/n wireless access point.
- Internal Web User Interface (UI) for configuration and control.
- Auto context activation feature allows data connections to be activated without user action.

**Services**

- Up to 464 kbps shared data rate and 128 kbps streaming IP.
- Selectable QoS (32 kbps, 64 kbps, 128 kbps).
- Automatically accepts the user's choice of standard SIM or BGAN M2M SIM.

**Package Includes**

- Hughes 9450LW-C11 mobile satellite terminal.
- Tracking antenna, RF cable, Wi-Fi antenna, and power cable (magnetic mounts are optional).
- Installation Guide

[Click here for more information](#)

## GLOBALSTAR SPOT X FOR BUSINESS

SPOT for Business devices deliver affordable, reliable, location-based tracking, messaging and life-saving S.O.S. technology to hundreds of thousands of users around the world 24/7.

SPOT X Provides 2-way satellite messaging so you can stay connected to family, friends, colleagues whenever you're outside of cellular range, including direct communication with Search & Rescue services in case of a life-threatening emergency. SPOT X even provides you with your own personal mobile U.S. number so others can message you directly from their cell phone or other SMS devices at any time. SPOT My Globalstar provides location-based enterprise solutions with a tailored array of Globalstar GPS tracking devices. Managers can interact with all devices and operators from a single, centralized, cloud-based platform that provides live or historical tracking of personnel, vehicles, and assets on-demand

**MESSAGE**

Exchange messages with any cell phone number or email address from virtually anywhere in the world. SPOT My Account comes loaded with 14 predefined messages that you have the ability to customize and sync to your SPOT X device.

**S.O.S**

Send an S.O.S. to the 24/7 Search & Rescue center, message back and forth about the nature of your emergency, and receive confirmation when help is on the way.

**TRACKING**

Select from 2½, 5, 10, 30 or 60 minute tracking intervals, and let family, friends and other adventurers follow your progress with SPOT's easy-to-use Google Maps™ interface.

**CHECK IN**

Quickly and easily let everyone know you're OK.

**POST TO SOCIAL**

Link your social accounts to keep your friends and family in the know wherever you go.

**COMPASS**

Built-in compass and programmable waypoints to help you navigate.

[Click here for more information](#)

**NEW PEPXIM GPS TRACKER**

**New** Pepxim GPS Tracker with Cloud-Based Any-tracker Software! This battery-powered device features two redundant SIM slots, allowing for unbreakable connectivity, so you can see all your GPS information instantaneously and in real time. Unlike with some other GPS devices, there is no worry about the Pepxim GPS Tracker wearing down your vehicle's battery. The device is fully self powered, via four C-size batteries, or a rechargeable lithium battery. With the rechargeable lithium option, you'll enjoy up to six months of battery life, plus you'll be able to see how much battery power your device has remaining in the mobile app or browser. Pepxim's cloud-based GPS software goes beyond simply pinpointing the location of your fleet's vehicles. You'll be able to take full advantage of its geofencing features, as well as program when you want the device to be in a power-saving mode to extend battery life.

**On-Trip Mode:** When the GPS Tracker is in On-Trip Mode, it will continuously upload GPS data to the cloud in real time, where our cloud-based reporting dashboard can translate the information and give it to you in useful, easy to understand ways such as reporting speed, distance traveled, trip duration, and more Features

**Power Saving Mode:** To conserve battery life, the device (when not in active On-Trip Mode) will cache its GPS data offline for retrieval later, rather than constantly uploading straight to the cloud in real time.

**Easy to Manage Geo-Fencing:** Our geofencing feature allows you to designate specific, custom areas on the map, and choose an action for the device to take when it moves into, or out of, any of these areas. For instance, a truck rental company that wishes to charge a certain rate for their vehicles being used in one area, and a different rate in another, will be able to not only see which area the vehicle is in, but also configure notifications for when the truck crosses from one area to another.

**Cloud-Based Device Management:** GPS tracking information can be especially valuable for emergency and/or public service vehicles. With Pepxim's cloud-based GPS software, the operators in the vehicle no longer need to report their position verbally, leaving them free to drive safely and/or (in the case of firefighters, ambulances, etc.) focus on their job at hand.

- Routes
  - Live map
  - Route history
- Geofence
  - Geofence
  - Geofence alert rules
- Reports
  - Asset daily trip report
  - Trip summary report
  - Assets daily usage report
  - Assets hourly usage report
  - Assets list report
  - Report auto email service

[Click here for more information](#)



**Track your vehicles wherever they go!**



**NEW COBHAM SAILOR 4300**

The SAILOR 4300 is the feature-rich terminal built to deliver Iridium Certus, the brand-new high performance, global L-Band communications service. Engineered by manufacturing experts Cobham SATCOM, it provides an on-board link to high-speed broadband connectivity and digitally connected applications, making it the perfect choice as a standalone maritime system or a dependable back-up solution for VSAT.

- **Fastest Broadband Data:** Delivering the fastest L-Band data speeds available of up to 704kbps.
- **Heavyweight Applications:** Supports data-heavy applications including video conferencing, multi-user internet/VPN, IoT and telemedicine, alongside regular applications such as email and electronicforms.
- **High Definition Voice Lines:** Three voice lines allow for simultaneous phone calls for captain and crew even during data transmission.
- **High Performance yet Compact:** Small, lightweight terminal built to SAILOR quality standards and reliability-tested for all environments. Tracks multiple satellites with no moving parts and built-in GNSS.

• **Easy Installation:** Simple and inexpensive to install using just one coax cable. SAILOR to SAILOR swap outs make upgrading services extremely easy, using existing power supply, cable and pedestal. BDU available in bulkhead or 19" rack configurations.

• **Reliability and Operational Continuity:** Built to such high quality that there is no scheduled service interval for at least 10 years after installation. The SAILOR 4300 is supported through Cobham SATCOM's industry leading Global Network should a problem occur.

• **Quality Standalone Solution and VSAT Companion:** Advanced capabilities and fast speeds make it an ideal standalone communications solution as well as a dependable back-up for VSAT.

• **Enterprise Grade Global Network:** Iridium Certus is powered by the \$3 billion Iridium NEXT constellation, boasting exceptional availability, scalability, and 100% global coverage.

[Click here for more information](#)



EMERGENCY AWARENESS

Let's not wait for an emergency to check your satellite communications equipment. You want to stay connected with your family and friends and also your communities and business.

Here at Preferred communications we can provide you an emergency communications solution at your fingertips. We have a variety of reliable data services, voice and SMS. We also have means to turn your cell phone into a satellite phone.

If you already have your satellite phone or data equipment: please check your battery monthly and make sure you have a spare. Also make sure your SIM card is active with plenty of minutes to ensure you do not run out during an emergency call. It may take 24 hours to confirm activation.

If you need to make a test call, dial the numbers below:

**Iridium**— make a free test call from your Iridium satellite phone by dialing **+1-480-752-5105**

**Inmarsat**—make a free test call from your Inmarsat satellite phone by dialing **+870-776-999-999**

**Globalstar**— make free test call from your Globalstar satellite phone by dialing **#TEST**

For more information about satellite communications solutions please contact us by phone or email. We will be glad to assist you in anyway we can.

- Iridium 9555
- Iridium 9575
- Iridium GO!
- Globalstar 1700
- Globalstar Spot X
- Globalstar Sat-Fi2
- Isatphone 2
- iSavi

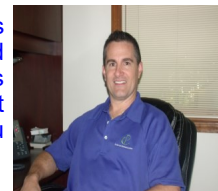


[Click here for more information](#)



**North Carolina Local Government Information Systems Association (NCLGISA)**

Preferred Communications will once again be attending the NCLGISA Symposium. It is being held in Wilmington, NC on **May 22-24, 2019**. Please stop by **Booth #85** and speak to our Director of Business Development, Mike Kirsch, about some of products and services as well as our complete product line. Be sure to drop your business card at our booth for a chance to win a door prize. We are looking forward to seeing you there!!!!



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