



SATELLITE PUSH-TO-TALK

SOLUTIONS CATALOGUE

FAST. SECURE. GLOBAL.

BLUECOSMO SATELLITE PTT CATALOGUE

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THE BLUECOSMO DIFFERENCE

We aim to ensure enterprises and government entities are well-equipped and supported in all their satellite voice and data requirements. As the provider of choice for over 80,000 subscribers, BlueCosmo offers industry-leading solutions backed by outstanding expertise, customer service and 24/7 support. **We're here to support you.**

A TRUSTED PARTNER



Top-tier Iridium service provider with over 30 years of experience.

24/7 CUSTOMER SUPPORT



Unmatched, expert support available anytime.

WIDE PRODUCT INVENTORY



We maintain a 99% in-stock rate, 100% of the time.

95% CUSTOMER SATISFACTION



As reported by our customers!

MINIMUM DOWNTIME



Quick replacement of defective products.

SAME DAY SHIPMENTS



Orders placed before 3:00 p.m. (ET) are shipped on the same business day.

JUST ONE CALL AWAY



Direct line to a dedicated solution expert.

BLUECOSMO TOP VENDORS

IRIDIUM

Iridium Communications Inc. is the only mobile satellite service (MSS) company offering pole-to-pole worldwide coverage. It is also the only truly global satellite voice and data provider. The company's worldwide customer base represents a broad spectrum of industries including government, public safety, utilities, oil and gas, mining, forestry, heavy equipment and transportation. Iridium manufactures a range of rugged handhelds including dual-mode satellite PTT radios and phones.

ICOM

Icom is reputed for offering reliable, rugged, high-quality two-way radio products used by professional organizations worldwide, including military and police forces, local governments, utilities, transportation authorities, security firms and more. The Icom product range includes one of the most affordable satellite push-to-talk radios, as well as various accessories, docking stations and interoperability devices for seamless integration.

BEAM COMMUNICATIONS

Beam Communications is one of the world's leading designers, developers and manufacturers of satellite communication equipment with a broad portfolio that includes satellite, cellular and dual-mode terminals, accessories and docks.

BLUE SKY NETWORK

Blue Sky Network is a pioneer in developing satellite tracking and two-way voice and data communications for commercial, government and privately-held fleets working in remote areas around the world. Blue Sky Network solutions include satellite PTT accessories, docks and kits.

JPS

JPS Interoperability Solutions provides the most cost-effective, proven and widely deployed mission-critical communications technologies available. JPS designs, manufactures and sells electronic hardware and software products that enhance radio interoperability with RoIP, SIP and RTP protocols.

To learn more, contact a BlueCosmo Solution Expert to discuss interoperability solutions.

HOW IS SATELLITE PUSH-TO-TALK SO POWERFUL?

With Iridium satellite Push-to-Talk (PTT), one-to-many communications are instant, simple and always available. Any team member — regardless of where they are on the planet — can talk with their group at the push of a button. Iridium PTT takes group communication far beyond the limits of Land Mobile Radio (LMR) systems. With zero dependency on-ground infrastructure, easy, over-the-air provisioning of devices and real-time management of talkgroups, Iridium PTT offers the most flexible and truly mobile group communication system available.

Effortlessly collaborate with your remote employees anywhere.



Unlimited One-to-Many
Communication



Flat
Monthly Rate



Configure Talkgroups
in Real Time



Easily Transferable to
New Locations in Seconds

FEATURES THAT MATTER THE MOST



Global Satellite
PTT Coverage



Web-Based
Command Center



Adaptable
and Integratable



AES 256
Encryption





SATELLITE PUSH-TO-TALK RADIOS

Rugged, easy-to-use radios for reliable one-to-many group communications.

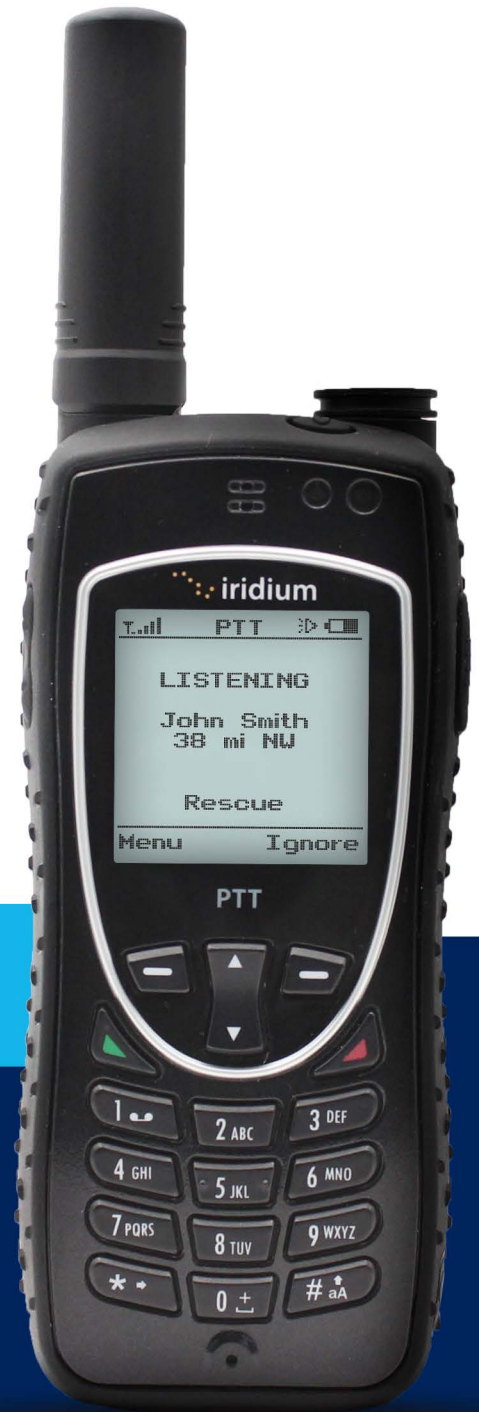
IRIDIUM EXTREME® PTT

Product Highlights:

- Dual-mode PTT and telephony service (non-simultaneous)
- Compact, lightweight design for ultimate portability
- Military-grade durability (MIL-STD 810F), shock and dust-resistant (IP65-rated)
- AES 256-bit encryption
- Dedicated SOS button (in phone mode only)
- Built-in Bluetooth® and GPS receiver
- Integrated loudspeaker
- Rugged, retractable antenna
- Daylight-readable, glare-resistant display
- 2.5 mm (0.1 in) headset jack and hands-free capability
- Mini USB data port

What's in the Box:

- Iridium Extreme® PTT radio
- High-capacity battery
- Travel charger with international adapters
- Car charger
- Leather case
- USB data cable
- User manual
- Two accessory adapters
- Magnetic vehicle mount antenna with 1.5 m (5 ft) cable
- Hands-free earpiece with microphone



Dual-Mode

Satellite PTT Radio and Phone

Specifications:

- Dimensions: (LxWxD) 140 x 60 x 32 mm (5.5 x 2.4 x 1.2 in)
- Weight: 268 g (0.59 lbs)
- Operating temperature: -10°C to 55°C (-14°F to 131°F)
- Phone mode battery duration: up to 54 hours standby; up to 6.5 hours talk time
- PTT mode battery duration: up to 16.5 hours standby; up to 5 hours talk time
- One (1) year manufacturer's warranty

ICOM IC-SAT100 RADIO



Product Highlights:

- Familiar two-way radio user experience
- Powerful 1500 mW audio provides loud and clear communication, even in noisy environments
- Built-in Bluetooth® and integrated GPS receiver
- Military-grade durability (MIL-STD 810G) and waterproof, durable body (IP67-rated); submersible to 1 m depth for 30 minutes
- AES 256-bit encryption
- Built-in emergency key – allowing transmission of an emergency call to the assigned talkgroup
- Rugged, high-gain antenna
- Last Call Play function, playback to 6 latest calls
- Priority interrupt calling and short talkgroup messages
- USB charging (USB Micro-B type)

What's in the Box:

- IC-SAT100 PTT radio
- Antenna
- BP-300 battery pack – 2350 mAh
- Belt clip
- Owner's manual
- Rapid charger

Affordable

Easy-to-Use PTT Satellite Radio

Specifications:

- Dimensions: (LxWxD) 57.8 x 13.5 x 32.8 mm (2.3 x 5.3 x 1.3 in)
- Weight: 360 g (0.79 lbs)
- Operating temperature: -30°C to 60°C (-22°F to 140°F)
- Battery duration: Up to 14.5 hours standby; up to 7 hours talk time
- One (1) year manufacturer's warranty

ICOM IC-SAT100M RADIO (FIXED)

Product Highlights:

- Designed for in-vehicle and in-building installations
- The antenna unit requires only a clear view of the sky. The radio unit can be fixed inside a vehicle, building, or even a basement
- Built-in Bluetooth® and integrated GPS receiver
- Military-grade durability (MIL-STD 810G) and durable body (antenna with RF unit IP67-rated, mic IP55-rated, main unit IP54-rated)
- AES 256-bit encryption
- Built-in emergency key — allowing transmission of an emergency call to the assigned talkgroup LAN cable (CAT5e) accepts up to 100 m (328 ft) cable connection without any sensitivity loss, and thin cable diameter allows easy wiring
- Last Call Play function, playback to 6 latest calls
- Priority interrupt calling and short talkgroup messages
- USB charging (USB Micro-B type)

What's in the Box:

- IC-SAT100M PTT radio
- Speaker microphone
- DC power cable (OPC-585)
- LAN cable (OPC-2102; 20 m / 65.6 ft)
- Mobile bracket (AH-40 antenna is sold separately)



Optimized Solution

for In-Vehicle, In-Building Applications

Specifications:

- Main unit dimensions (LxWxD): 125 x 29 x 4.9 mm (4.9 x 1.1 x 6.2 in)
- Antenna dimensions: (LxWxD): 76.8 x 200 x 76.8 mm (3 x 7.9 x 3 in)
- Microphone dimensions: (LxWxD): 59.5 x 134.6 x 30.1 mm (2.3 x 5.3 x 1.2 in)
- Weight: Antenna dimensions: 500 g (1.1 lbs), Main unit: 950 g (2.1 lbs), Microphone: 250 g (0.55 lbs)
- Operating temperature: -30°C to +60°C (-22°F to 140°F)
- One (1) year manufacturer's warranty



PUSH-TO-TALK DOCKING SOLUTIONS

Reliable in-vehicle, in-building solutions.

BEAM DRIVEDOCK EXTREME WIRELESS PUSH-TO-TALK (PTT)

Applications:



In-vehicle
communication



Maritime
communication



In-building
communication

Product Highlights:

- Supports voice calling and PTT mode on the Iridium Extreme® PTT device
- Up to 500 m (1640 ft) handheld range from base dock unit
- Ability to amplify PTT audio to external cabin loudspeaker
- Allows easy insertion/removal of the phone for use on-the-go
- Ability to amplify PTT audio via speaker
- Charges the Iridium Extreme® PTT handset
- Ability to switch between handset and hands-free modes (optional)
- Enhanced clear audio quality

What's in the Box:

- DriveDOCK Extreme
- DC Power Cable/Fuse Kit
- Universal mounting bracket (RAM)
- Speaker and microphone
- Wireless PTT handset (optional additional handset EXTRMDD-PTT-VWK only)
- Charging cradle
- Interface cable
- Vehicle-Mount Antenna Kit
- PTT bracket kit

Specifications:

- Supports Iridium voice, push-to-talk, SMS and SBD services
- IP55 weatherproof, IP67 (wireless handset only)
- Vibration, shock and drop-resistant MIL-STD 810 C/D/E/F
- Integrated Iridium and GPS antenna connection
- Integrated USB and Bluetooth connectivity
- DriveDock Extreme operating temperature range: -30°C to 70°C (-22°F to 158°F)
- PTT wireless handset operating temperature range: -20°C to 55°C (-4°F to 122°F)
- Two (2) year manufacturer's warranty

EXTRMDD-PTT-W1A
(includes one Wireless
PTT Handset)



EXTRMDD-PTT-VWK
(includes two Wireless
PTT Handsets)



BEAM DRIVEDOCK EXTREME WIRELESS PUSH-TO-TALK (PTT)

Applications:



In-vehicle
communication



Maritime
communication



In-building
communication

Product Highlights:

- Supports push-to-talk via PTT mode on the Iridium Extreme® PTT device
- Supports Iridium voice, push-to-talk, SMS, SBD and Circuit-Switched Data capable
- Supports the use of the SOS button while docked
- Allows easy insertion/removal of the phone for use on-the-go
- Charges the Iridium Extreme® PTT handset
- Two (2) year manufacturer's warranty

What's in the Box:

- DriveDOCK Extreme
- DC Power Cable/Fuse Kit
- Universal mounting bracket (RAM)
- Speaker and microphone
- C1 corded PTT microphone/speaker
- Universal mounting bracket for C1 microphone/speaker

Specifications:

- Integrated Bluetooth connectivity
- Iridium and GPS antenna connectors
- Hands-free speakerphone
- Integrated USB data interface
- Built-in ringer for enhanced ring indication
- Built-in echo cancelling technology
- Flexible installation via universal mount
- DriveDock Extreme operating temperature range:
-30°C to 70°C (-22°F to 158°F)
- PTT wireless handset operating temperature range:
-20°C to 55°C (-4°F to 122°F)

EXTRMDD-PTT-C1



ASE 9575P HQ-P DOCKING STATION

Applications:



In-vehicle
communication



Maritime
communication



In-building
communication

Product Highlights:

- Enables in-building use of the Iridium Extreme® PTT device
- Extended use with analog phone in-building
- Easy connection to Iridium antenna for indoor use
- Handset charging
- POTS/RJ-11 connection
- Wi-Fi access point
- SOS button
- Operating temperature range: -10°C to 55°C (14°F to 131°F)

What's in the Box:

- Docking cradle
- Swivel/desk wall mount
- Fist speaker/microphone
- AC/DC adapter

ASE-9575P-HQ-P



ASE PTT LINK DOCKING STATION

Applications:



Emergency
Response Team



Security
Personnel



First
Responders

Product Highlights:

- Palm microphone speaker-PTT experience
- Standard Mode for better battery life
- Amplified Mode for use in noisy environments
- Connects to Iridium Extreme® PTT charging base
- Integrated rechargeable battery
- Battery life: 40 hours operation in standard mode, 8 hours in amplified mode
- LED indicators for modes
- LED low battery indicator
- Operating temperature range: -10°C to 55°C (14°F to 131°F)



ASE-9575PTT-LINK

ICOM BC-247 DOCKING STATION FOR IC-SAT100

Applications:



In-vehicle communication



Maritime communication



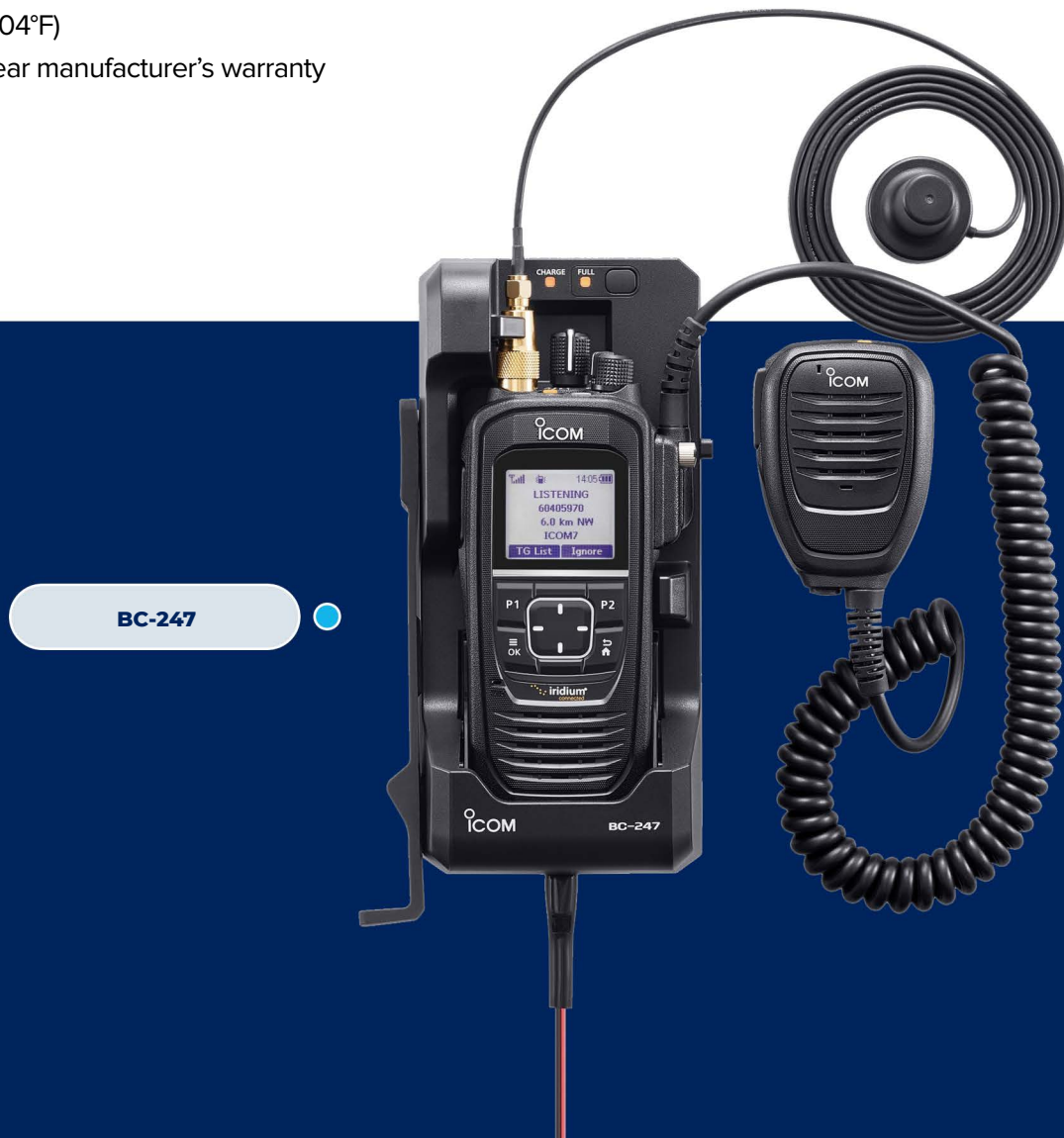
In-building communication

Product Highlights:

- Non-intelligent dock that connects through the vehicle DC power or AC/DC charger
- Charges the IC-SAT100 radio while it is docked
- Rugged and durable
- Anti-theft function
- Operating temperature range: 15°C to 40°C (59°F to 104°F)
- One (1) year manufacturer's warranty

What's in the Box:

- Power adapter (AC)
- DC adapter cable (30 cm / 11.8 in)
- DC cable including horn lead and ignition lead (30 m / 118.1 in)
- Secure Strap
- Sold separately: antenna and fist mic





GRAB AND GO KITS

Beam Grab 'N' Go Kits for Iridium Extreme® PTT.

PTT GRAB 'N' GO WIRELESS KITS

Applications:



In-vehicle
communication



Maritime
communication



Field
communication

Product Highlights:

- Supports voice calling and PTT mode via the Iridium Extreme® PTT device
- Can transmit and receive audio up to 500 m (1640 ft) away from the case
- Charges the Iridium Extreme® PTT device (sold separately)
- Durable speaker and wireless mic handset
- Enhanced clear audio
- Talk inside or outside of the vehicle
- Intuitive design, weather-resistant, all built into a durable, easy-to-carry case
- Integrated Iridium and GPS antennas

What's in the Box:

- Small/large hard-shell case
- DriveDOCK Extreme (the Iridium Extreme® PTT device is sold separately)
- Integrated Wireless PTT Handset
- Magnetic Dual Antenna (RST250)
- Vehicle Mount Antenna Kit (PTT615)
- CLA DC power adaptor
- Microphone
- Speaker
- Antenna and GPS cable
- Lid close stopper
- UPS battery kit (PTTGNG-W1AB only)



PTTGNG-W1AB
(Large case and UPS battery)



PTTGNGS-W1A
(Large case)

PTTGNGS-W1A
(Small case)



PTT GRAB 'N' GO CORDED KIT

Applications:



In-vehicle
communication



Maritime
communication



Field
communication

Product Highlights:

- Durable speaker and mic handset
- Charges the Iridium Extreme® PTT device (sold separately)
- Enhanced clear audio
- Talk inside or outside of the vehicle
- Intuitive design, all built into a durable, easy-to-carry case
- Weather-resistant case
- Integrated Iridium and GPS antennas
- Supports voice calling and PTT mode via the Iridium Extreme® PTT device

What's in the Box:

- Small/large hard-shell case
- DriveDOCK Extreme (the Iridium Extreme® PTT device is sold separately)
- Integrated Corded PTT Handset
- Magnetic Dual Antenna (RST250)
- CLA DC power adaptor
- Microphone
- Speaker
- Antenna and GPS cable
- Lid close stopper
- UPS battery kit (PTTGNG-C1B only)

Specifications:

- DriveDOCK Extreme operating temperature range: -22°F to 158°F (-30°C to 70°C)
- Dual-mode mag mount antenna operating temperature range: -40°F to 158°F (-40°C to 70°C)
- One (1) year manufacturer's warranty



PTTGNG-C1B
(Large case and UPS battery)



PTTGNG-C1
(Large case)



PTTGNGS-C1
(Small case)

ASE PORTABLE BAGDOCK FOR IRIDIUM EXTREME® PTT

Applications:



In-vehicle communication



Maritime communication



Field communication

Product Highlights:

- Complete on-the-go kit for Iridium Extreme® PTT device
- Fist/palm microphone and speaker for enhanced audio
- Built-in rechargeable battery extends use of the Iridium Extreme® PTT up to 19 hours
- Easy integration with auxiliary vehicle audio systems
- Docking station (cradle) charges the Iridium Extreme® PTT device

What's in the Box:

- Docking station
- Integrated rechargeable battery
- Palm-speaker/microphone 3 m (10 ft)
- Magnetic mount GPS/Iridium antenna
- Travel bag
- DC power cord



ASE-9575P- BAGDOCK

Features:

- Easy temporary integration into a vehicle or field camp
- Magnetic-mount dual-mode (Iridium/GPS) antenna
- Connects to vehicle DC power or AC/DC charger
- Fast deployment and easy storage
- Operating temperature range: -10°C to 55°C (14°F to 131°F)
- Two (2) year manufacturer's warranty



PUSH-TO-TALK ACCESSORIES

Extend your satellite PPT solution
indoors and outdoors.

BEAM ACCESSORIES FOR IRIDIUM EXTREME® PTT



Wireless PTT
Handset Kit (PTTW1A)



Secondary Wireless
PTT Handset (PTT100A)



Beam Vehicle Mount
Antenna Kit (PTT620)

ASE ACCESSORIES FOR IRIDIUM EXTREME® PTT



Premium Filtered Iridium
Active Antenna (ASE-PFA0-A)



Premium Filtered Iridium
Passive Antenna (ASE-PFA0-P)

ICOM ACCESSORIES FOR IC-SAT100 AND IC-SAT100M



Speaker Microphone
HM-222



Magnet Mount
External Antenna (AH-40)



Rapid Charger
AC Adapter (BC-241)



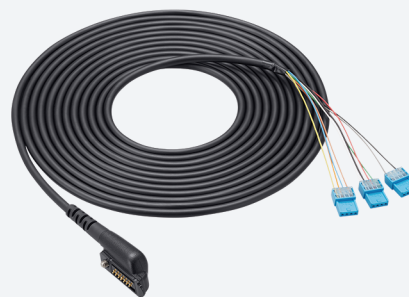
Large External Speaker
for IC-SAT100M (SP-30)



Compact External Speaker
for IC-SAT100M (SP-35)



Battery
for IC-SAT100 (BP300)



Connection Cable
for VE-PG4 (OPC2412)



PUSH-TO-TALK COMMAND CENTER BY IRIDIUM

Connecting continents in seconds.

HOW THE IRIDIUM PTT COMMAND CENTER WORKS

The heart of the Iridium Portable PTT solution is the [Iridium PTT Command Center](#). With an easy-to-use interface, this robust browser-based tool offers complete flexibility to manage talkgroups, coverage areas and Iridium Push-to-Talk devices — all on the fly, within seconds.



Manage Talkgroups

- Define talkgroup area from 100,000 km² to 2,250,000 km²
- Easily drag and drop PTT devices into talkgroups
- Effect changes 'on the ground' in near real-time
- Add a share code to connect a talkgroup with another PTT subscriber



Define and Manage Coverage

- Define up to 10 coverage regions per talkgroup
- Delimit coverage areas by shape (circle, rectangle, square)
- Change coverage area or regions at any time





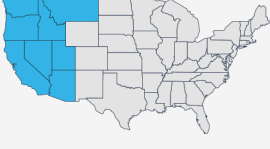




Manage Devices

- Customize device names and find them easily using search
- Add or remove devices from talkgroups in near-real time
- Disable devices within seconds
- Assign up to 15 talkgroups per device
- Get detailed reports for talkgroups, devices and usage

Talk Group Sizes (Reference)

Talk Group Size	Coverage Area	Number of Service Areas Per Talkgroup	Coverage Area Size is Approximately Equivalent To
Small	Up to 100,000 km ²	Up to 5	 Indiana
Medium	Up to 300,000 km ²	Up to 10	 Arizona
Large	Up to 750,000 km ²	Up to 10	 Texas
X-Large	Up to 1,500,000 km ²	Up to 10	 Texas + Arizona + New Mexico + Oklahoma
Jumbo	Up to 2,250,000 km ²	Up to 10	 Washington + Oregon + Utah + California + Idaho + Nevada + Arizona + Montana

Iridium has successfully tested scenarios with 10,000 devices in a single talkgroup.



SATELLITE PTT **SERVICE** **PLANS**

Convenient plans that work everywhere on the planet.

IRIDIUM PTT SERVICE PLANS

Enjoy affordable and flexible one-to-many group communication services, with a choice of Iridium push-to-talk plans. **Monthly PTT service plans include unlimited PTT usage and offer the flexibility of short-term or annual subscription options.** Pricing varies by the geographic size of the talkgroup and the number of devices provisioned for each talkgroup in your organization.

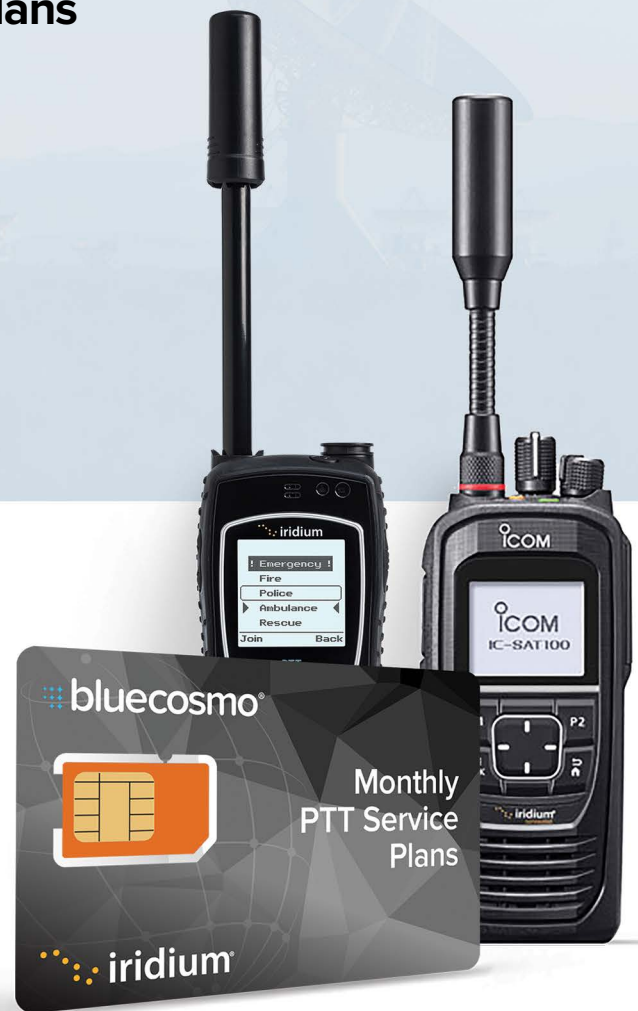
Benefits of Satellite PTT Service Plans

- Enjoy cost certainty with unlimited PTT usage
- Choose from 3-month or 12-month terms for seasonal or ongoing use
- Pay only for the talkgroup size you need — right-sized by talkgroup coverage area
- Get a free voice plan in North America (Iridium Extreme® PTT only)*

**Note: Voice usage applies; [inquire for pricing details.](#)*

PTT Calling Structure

Every Iridium PTT customer requires a monthly device plan and at least one talkgroup to interact with PTT users in their own or other organizations. One small talkgroup is free to any customer with five or more active PTT radios (Iridium and/or Icom). Additional monthly fees apply for additional talkgroups and larger talkgroups.



**Pay Only For
Your Coverage
Area**



**Flat
Monthly
Rate**



**Unlimited
PTT
Usage**



SATELLITE PTT LEARNING VIDEOS

IRIDIUM EXTREME® PTT



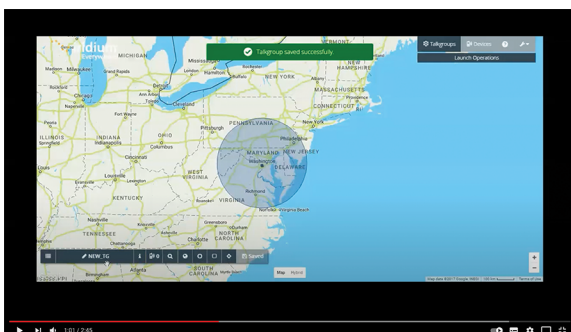
[How To Use Your Iridium Extreme® PTT](#)



[Iridium Extreme® PTT: Test Your Satellite Phone](#)



[Push-to-Talk as it was meant to be](#)



[Iridium PTT Command Center Demo](#)

ICOM IC-SAT100/M



[Introduction to the IC-SAT100 Satellite PTT Radio](#)



[Icom LTE Radio System Case Study: Japan Airlines ...](#)



[Icom IC-SAT100 Satellite PTT Radio](#)



[Icom VE-PG4 RoIP \(Radio over IP\) Gateway](#)



GET IN TOUCH!

We'd love to help you start experiencing Satellite PTT solutions.



Sales Support

Professional guidance to help you find the solution that meets your requirements and budget.

Customer Care

Tel: +1 (888) 949-9924



Technical Support

Easily accessible via our dedicated team, with prompt response times.

Technical Team

Tel: +1 (888) 622-7368



Customer Care Support

All the answers to general inquiries you or your users may have.

Customer Care

Tel: +1 (877) 258-3496



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