

# Iridium Push-To-Talk

Fast, flexible and truly global satellite PTT from Iridium.

Iridium Push-to-Talk (PTT) is the most flexible and only truly mobile satellite push-to-talk solution the industry has ever seen. With no dependency on ground infrastructure and over-the-air provisioning of PTT devices, talkgroups can be managed and configured in real-time, and sessions initiated in seconds.

## Key Features:

- The fastest satellite-based PTT network in the industry
- The only truly mobile, lightweight PTT device that can be mounted, worn or carried
- Dual mode device can toggle between phone and PTT modes in seconds
- 100% global coverage – create a talkgroup anywhere on earth, and define up to 10 regions within a talkgroup
- Real-time management of talkgroups and devices via the browser based Command Center

## The Hardware: Iridium Extreme® PTT

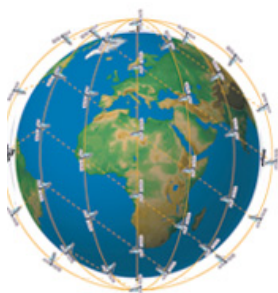
A military grade, rugged device with built-in GPS, location tracking, SOS and voice communication with a dedicated PTT button.

- Dual mode - switch effortlessly between telephony and PTT mode
- Can be easily carried in the field, used with existing headsets or mounted in vehicles or buildings
- Can be provisioned for up to 15 talkgroups
- Tune-in to a “home” talkgroup or scan for all provisioned talkgroups

<b>Size</b>	140 mm x 60 mm x 32 mm
<b>Durability</b>	IP65
<b>Battery</b>	High capacity rechargeable and field replaceable (16.5 hour battery life on standby; 6 hours active talk)
<b>Speaker/Audio</b>	High/Low audio or headset
<b>Setup &amp; Latency</b>	< 2 seconds to initiate a session; < 500 ms in-call latency
<b>Compatible Accessories</b>	Docking stations, audio connectors and more



## The Network: Iridium



The Iridium constellation consists of a meshed network of 66 low-earth orbiting (LEO), cross-linked satellites. Among its advantages are a ‘ready PTT infrastructure’ in space, with none of the cost, risk, or lead time issues associated with building or maintaining terrestrial networks. Iridium PTT is not just the fastest satellite PTT network available, there are no restrictions on where coverage can be placed, and the diversity of satellites and look angles improves coverage in challenging terrain (e.g. mountains, canyons or urban canyons).

# The Application: Iridium PTT Command Center

With its intuitive drag-and-drop browser based interface, the Iridium PTT Command Center offers unprecedented flexibility to configure and manage talkgroups, coverage areas and devices in real-time. AES-256 encryption ensures that all communications are secure.

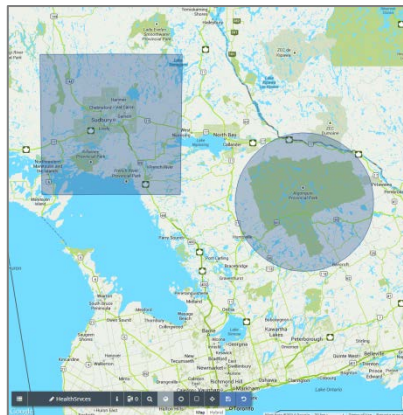
## Manage Talkgroups



Intuitive dashboard for centralized control

- Define talkgroup size: 100,000, 300,000 or 750,000 km<sup>2</sup>
- Drag-and-drop devices into talkgroups
- Effect changes in near real-time

## 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

## Why Iridium PTT?

- Much more affordable PTT device than traditional PTT radio solutions
- Coverage anywhere on earth with no gaps or restrictions
- The fastest satellite PTT solution in the industry initiates a talkgroup in less than 2 seconds
- Dual mode Iridium Extreme™ PTT is the only truly mobile, lightweight device of its kind and can toggle between phone and PTT modes in seconds
- Complete flexibility to manage talkgroups, coverage areas and devices in near real-time
- All transmissions are sent using AES-256 encryption - one of the most secure standards available