SwiftBroadband

Provides global voice and high-speed data, simultaneously, through a single installation on the aircraft

SwiftBroadband enhances cockpit and cabin applications through one installation utilizing a single antenna. This has established SwiftBroadband as the fastest growing Inmarsat aeronautical service ever introduced.

SwiftBroadband offers 'always-on' packet switched data and voice over IP (VoIP) service. SwiftBroadband enables all key cockpit and cabin applications, including: telephony, text messaging, email, internet and intranet access, as well as flight plan, weather and chart updates.

Satcom Direct is proud to be Inmarsat's largest aeronautical service provider.

SBB Features

Designed for medium and heavy jets

Coverage over major flight routes

Simultaneous voice and data

IP data rates up to 432 kbps

Streaming rates up to 256 kbps

X-stream and High Data Rate (HDR) streaming also available

AMBE2 voice telephone
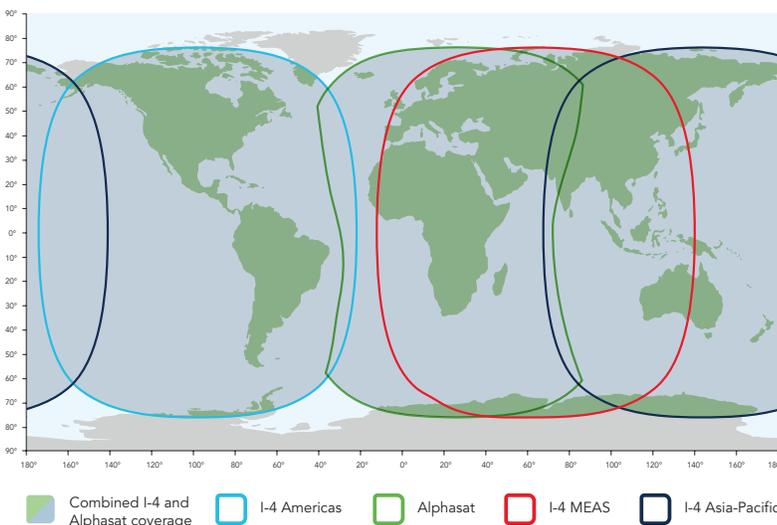
Can enable secure VPN access

Acceleration accomplished via AeroXR[SM]

High Data Rate (HDR) enables high-bandwidth applications with streaming up to 650 kbps

SkyBond[SM] streaming combines up to 4 channels for speeds up to 1.4 mbps

inmarsat

SwiftBroadband Coverage

Combined I-4 and Alphasat coverage	I-4 Americas	Alphasat	I-4 MEAS	I-4 Asia-Pacific	

subject to change

SwiftBroadband FAQs

Q: What is SwiftBroadband?

A: SwiftBroadband, often referred to as SBB, is the latest internet service offered by Inmarsat and Satcom Direct®. SwiftBroadband provides global coverage onboard your aircraft over Inmarsat's 4th generation (I-4) satellites.

Q: What is the speed of SwiftBroadband?

A: SwiftBroadband provides up to 432 kbps as a "best effort" service per each on board channel. This means the full 432 kbps connection is shared with other users within the same geographical spot beam. Currently, aircraft are authorized for up to four-channel operation and channels cannot be added (bonded) together to achieve higher data rates.

Q: What are the benefits of SwiftBroadband?

A: Unlike charge-by-the-minute services, SwiftBroadband is always connected and ready to use. Customers are not charged per minute, instead they are only charged for the amount of data transferred in blocks of Megabytes (MB).

Q: What are the benefits of SwiftBroadband?

A: SwiftBroadband provides the following services:
- Standard IP: Up to 432 kbps connection used to gain access to the internet. One connection will allow a user to browse the internet, connect to their VPN and pass different types of data. Standard IP is charged only for the amount of data used which is measured in Megabytes.

- ISDN: All services are charged per minute.
  - Data 64: 64 kbps channel available for data connections and high quality voice calls.
  - 3.1k Audio: ISDN channel provided for faxing or Airshow (PC Data) type updates.

- AMBE2: Referred to as SBB Voice. SwiftBroadband provides one low cost, low rate (4k) voice channel.

- Streaming: Streaming services provide a dedicated data rate to/from the aircraft. Streaming speeds are available in 8, 16, 32, 64, 128, X-Stream (up to 256 kbps), and High Data Rate (HDR) up to 650 kbps per channel. Like Swift 64, streaming costs are charged per minute and per channel.

Q: Can I use Aero X®/ AeroXR℠ services with SwiftBroadband?

A: Yes, if the aircraft is activated and equipped with the required equipment you can utilize Aero X/AeroXR acceleration services. Download data rates are increased up to 200% resulting in significant savings to the end user.

Q: How do I get SwiftBroadband?

A: The path to a SwiftBroadband upgrade can vary. Most avionics are upgradable via manufacturer Service Bulletin and installation agency capability or STC. Required components include: Type F diplexer, SBB capable avionics, SBB capable antenna and router. Contact Satcom Direct® for specific upgrade questions and information.

Q: Who do I call for SwiftBroadband support?

A: You can call Satcom Direct's® 24/7 Support Team at +1.321.777.3236 or email milgovsupport@satcomdirect.com.