

Airtime Services

Inmarsat Satellite Services

Inmarsat provides reliable global voice and data solutions for aviation. Honeywell develops satellite communication products, services and software solutions that allow aircraft-based communications services to access Inmarsat's global networks onboard all major fixed wing and rotary aircraft. Together these solutions provide a seamless and wide variety of voice and data communications for both passengers and crew.

Honeywell is a provider of the following Inmarsat Services:

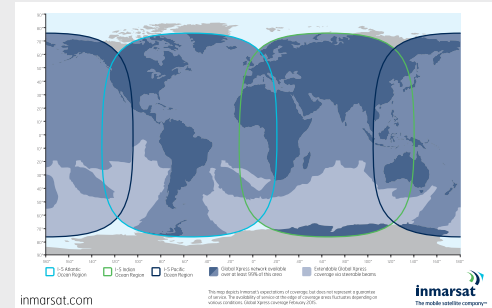
Swift Broadband

- IP data rates up to 432 Kbps with high gain antenna
- IP data rates up to 300 Kbps with intermediate gain antenna
- IP data rates up to 200 Kbps with low gain antenna
- Streaming rates up to 256 Kbps
- Xstream and High Data Rate (HDR) streaming up to 600 Kbps

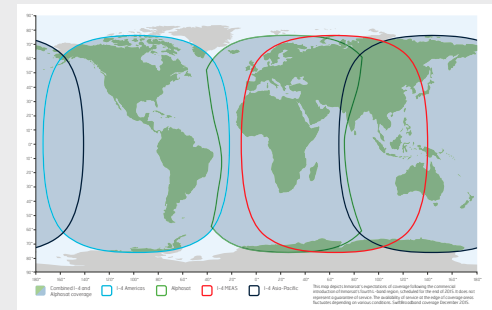
Swift64 Overview

- Swift64 was released in 2002 and provides aircraft with speeds of 64 kbps per channel using Inmarsat I-3 Satellites
- Global Coverage except the polar regions
- Up to 4 channels of Swift 64 can be bonded to increase data rates up to 256 Kbps
- Enables a range of cockpit and cabin services such as basic internet and emails
- Compliant with ICAO safety requirements

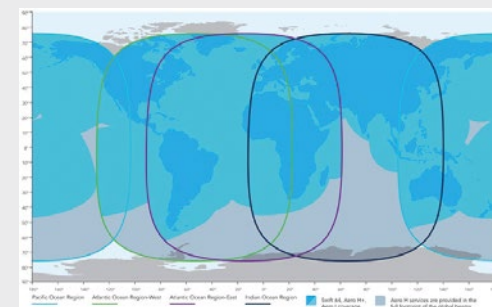
Jet ConneX Coverage



SwiftBroadband Coverage



Classic Aero and Swift64 Coverage



KA Band Connectivity

Inmarsat and Honeywell offer business aircraft operators the best-available inflight Wi-Fi capabilities through the Jet ConneX network. Using the Inmarsat Global Xpress (GX) Ka-band network, the service delivers the bandwidth and throughput to meet cabin passengers' business and entertainment needs.

Jet ConneX uses Inmarsat's I-5 satellite communications network to provide unequalled global coverage and network availability. We provide subscription-based airtime packages designed to match your mission, help you manage costs and keep your passengers happy.

Aero H+

Offers all the features of Aero H, but uses the I-4 regional spot beams and 4.8 kbps voice codecs to deliver voice services at lower cost. Outside of regional spot beams, Aero H+ terminals operate in the global beams in the same way as standard Aero H systems. Aero H+ is also available in the full I-4 satellite footprint.

Aero I

Uses intermediate-gain antennas and the I-4 regional beams, providing multi-channel voice and 4.8 kbps circuit-switched data services. Aero I packet data is also available in the full I-4 footprint.

GoDirect Advantage

When you combine GoDirect Routing Software, on your aircraft's router, you can maximize Inmarsat's voice and data capabilities. GoDirect Routing Software is offered on many aircraft routers including Honeywell CNX 200 and 900.



FEATURE	HOW IT WORKS	ADVANTAGE TO OPERATOR
Channel Bonding	Bonds together multiple SBB channels of Xstream or HDR for faster speeds up to 1.6Mbps	Unlocks faster file downloads and video conferencing capabilities over SBB to increase passenger productivity
Mobility	Provides a single IP address to seamlessly migrate across any link available to the aircraft	Ensures data continuity for passengers through all phases of flight
On Demand XSTREAM	Automatically adds/removes streaming and channel bonding sessions to meet passenger demand	Minimizes the cost of the service while maximizing the data rate demanded by passengers
Passenger Billing	Exclusively provides GoDirect Access voucher card and credit card billing services to a passengers device	Enables accurate billing based on an individual passenger's use of the service
Acceleration	Provides XipLink compression and acceleration service, increasing data throughput	Presents the fastest most efficient way to push data to a passenger's device
SSID Management	Configures up to 4 unique SSIDs including hidden SSIDs preconfigured for specific devices	Controls access to the data services to ensure the highest datalinks are available to the most important passengers
GoDirect Network APP	Integrates with the app to provide crew and passengers with information on network connection, devices connected, speeds and data consumed	Informs passengers and crew and permits control of the connection and permissions for the devices on the network

To learn more

please contact your Honeywell sales representative or call 1-888-634-3330 or email godirectsales@honeywell.com

Honeywell Aerospace

1944 East Sky Harbor Circle
Phoenix, AZ 85034
aerospace.honeywell.com

N61-1639-000-002 | 04/18
© 2018 Honeywell International Inc.

Honeywell

