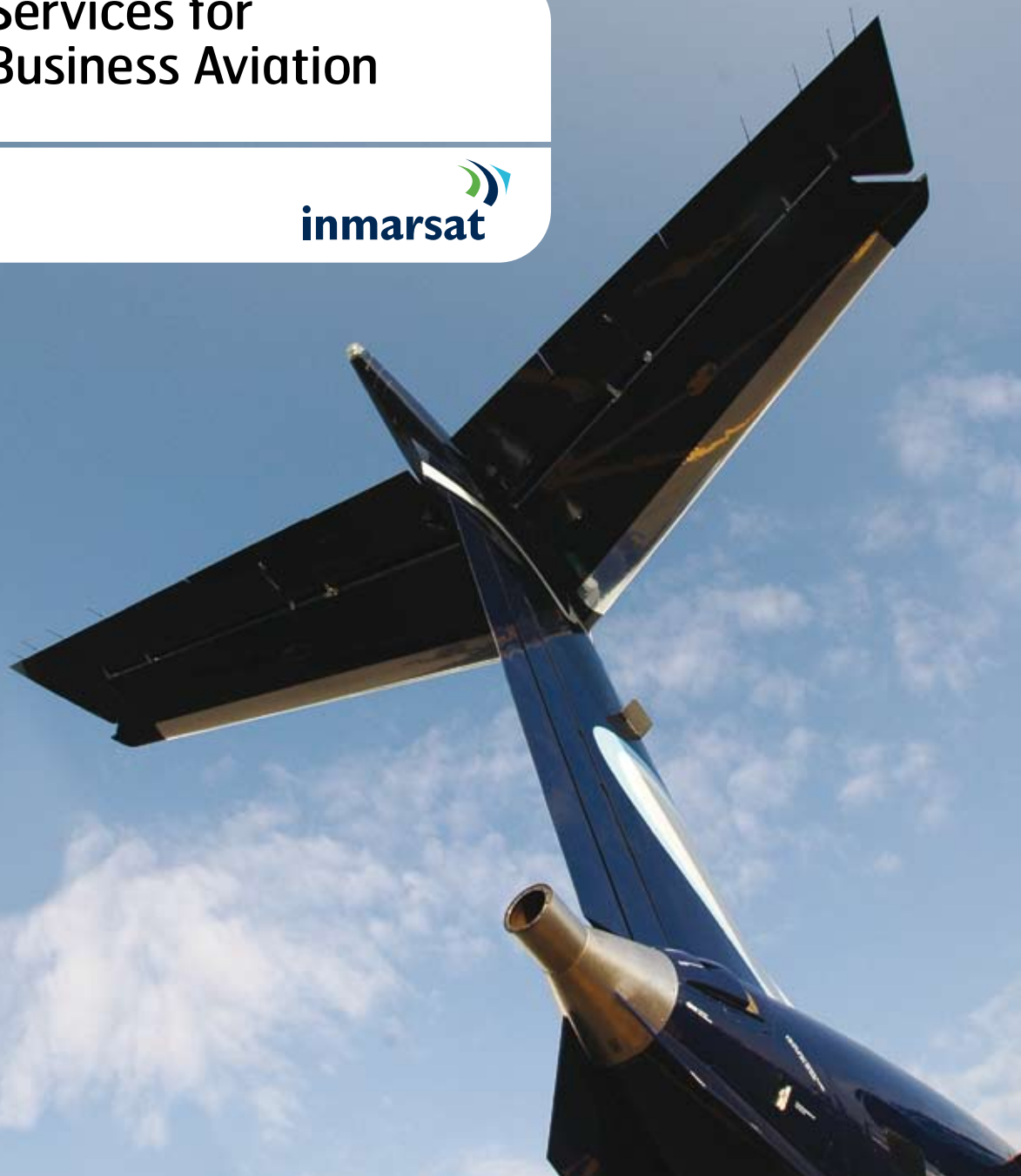




Services for Business Aviation



In-flight connectivity

The intelligent way

➔ Inmarsat is the most experienced and widely used satellite communications operator for business aviation. Our systems are operational on aircraft from all the leading manufacturers of business jets, providing in-flight operational, safety and cabin connectivity solutions around the globe.

A business jet isn't just a flexible and time-saving way to travel – it's also a place of work and executives want to be able to communicate just as well in the air as they can on the ground. But at a cost of thousands of dollars per flying hour, corporate travel departments are under pressure to operate as efficiently as possible.

Inmarsat has been providing reliable connectivity solutions to all types of aircraft for nearly 20 years. With over 8,000 installations, our services have become the standard, enabling aircraft to fly safely and more efficiently, while also meeting the demand for enhanced in-flight connectivity.

Our services are delivered via the most advanced commercial communications satellites ever launched, which are expected to be in operation until around 2020, providing a stable platform for the future.

In the cabin, passengers can make calls, access company networks, email and the internet, transfer large files, conduct videoconferences and receive news updates.

In the cockpit, Inmarsat datalink enables pilots to communicate quickly and directly with air traffic controllers, receive real-time weather information and access the most fuel-efficient oceanic flight paths. It can also be used to update the aircraft's position and maintenance status to ground staff.

And if the aircraft is delayed or diverted en route, the crew can use Inmarsat services to rearrange agendas, organise surface travel and accommodation, order maintenance, fuel and hangarage for the aircraft – minimising inconvenience.

Delivering scalable, cost-efficient bandwidth, as and when you need it, Inmarsat delivers in-flight connectivity, the intelligent way.



Inmarsat means business

Our services are used by 23 of the top 25 Fortune 500 companies for operations, safety and cabin connectivity.

Optimising cabin connect

Delivering safe and efficient aircraft operations



Safe operations

The Inmarsat aeronautical system was the first to comply with the Standards and Recommended Practices of the International Civil Aviation Organization (ICAO) over 10 years ago. Today, our services support safety communications on the business jets of most of the leading Fortune 500 companies.

Global coverage

Inmarsat's satellite network covers most air traffic routes, ensuring connectivity with air traffic control and ground-based networks. SwiftBroadband, our latest generation service, will be accessible worldwide, except the extreme polar regions, after repositioning of the I-4 satellites. Currently, it is available across the Americas, Africa, Europe and Asia.

Reliable communications

Inmarsat is the most experienced satellite communications operator in the business aviation sector. Our global satellite system comprises 10 satellites, owned and operated by Inmarsat, which gives us control over service availability. It is testament to our record that Inmarsat services have been installed on business jets for nearly two decades.



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Total flexibility

Inmarsat offers in-flight connectivity options for a whole range of telephony and data applications. Our Swift services allow multiple users to share multiple high-speed data channels simultaneously, delivering bandwidth as and when they need it – providing a highly effective way of meeting the various communications needs of both crew and passengers. Our SwiftBroadband service supports both IP and circuit-switched services, with a choice of contended IP and data streaming on demand.

High performance

Inmarsat's latest generation service, SwiftBroadband, offers a contended IP service up to 432kbps per channel, allowing more simultaneous users and more demanding applications. Data rates can be increased further by using parallel channels and data compression. The service is delivered over the Inmarsat-4 satellites, with the ability to dynamically allocate capacity to meet peaks in demand.



Cost-effective

Inmarsat's SwiftBroadband service delivers scalable, cost-efficient bandwidth as and when required. Users can choose between streaming or contended IP services to minimise costs, where you only pay for what you transmit.

Easy installation and integration

Inmarsat is an option on most current production corporate jets. Our services can be integrated with wired and wireless local area networks for passenger laptop access.

Connectivity options

For cockpit and cabin

Key services

Aero H

Multi-channel voice, 10.5kbps data and fax, delivered via a high-gain antenna within the satellites' global beams. ICAO approved for safety services.

Aero H+

Multi-channel voice, 10.5kbps data and fax, delivered via a high-gain antenna within the spot beams of the I-3 satellites at a lower cost per connection. ICAO approved for safety services.

Aero I

Multi-channel voice, 4.8kbps circuit-mode data and fax, delivered via an intermediate-gain antenna. Also supports low-speed packet data. Available in the spot beams of the I-3 satellites. ICAO approved for safety services.

Swift 64

Supports packet data and ISDN at 64kbps per channel. Data rates can be increased to 256kbps through channel bonding and further through data compression. Upgradable to SwiftBroadband. Available in the spot beams of the I-3 satellites.

SwiftBroadband

Offers simultaneous voice and standard IP data up to 432kbps per channel. Currently two channels per aircraft rising to four in 2012. IP data streaming on demand at 32, 64, 128kbps, which can be combined to achieve higher rates. Available through the narrow spot beams across the entire footprint of the I-4 satellites.

Applications

Inmarsat services support a wide range of crew and passenger applications:

Crew

- Safety services – Automatic Dependent Surveillance (ADS), Controller / Pilot Datalink Communications (CPDLC)
- Voice communications
- Electronic flight bag (EFB), flight plan, weather and chart updates
- Engine performance monitoring and fault reporting for major systems
- General operational planning
- Crew reporting and general administration

Passengers

- Telephony: in-seat, mobile, VoIP and text messaging
- Email, intranet, internet and instant messaging
- Secure VPN access
- Large file transfer – presentations, graphics, video
- Videoconferencing
- In-flight news updates



One installation, many applications

We enable passengers to carry on business in-flight, while pilots minimise expensive flying time and maximise safety.

How to buy

Inmarsat aeronautical equipment and services are available from a well-established international community of manufacturers, leading telecommunications and IT companies and turnkey solution providers.

inmarsat.com/businessaviation

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