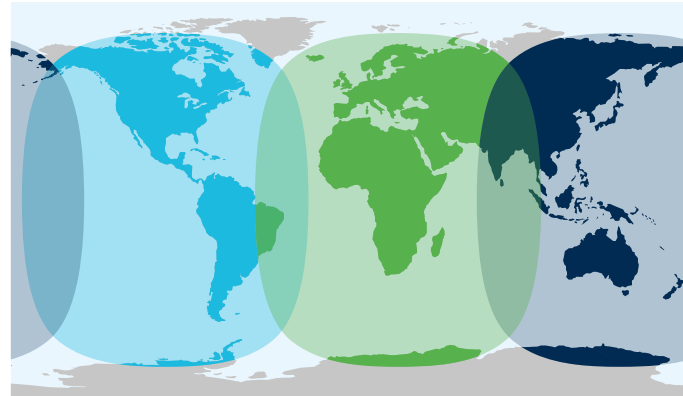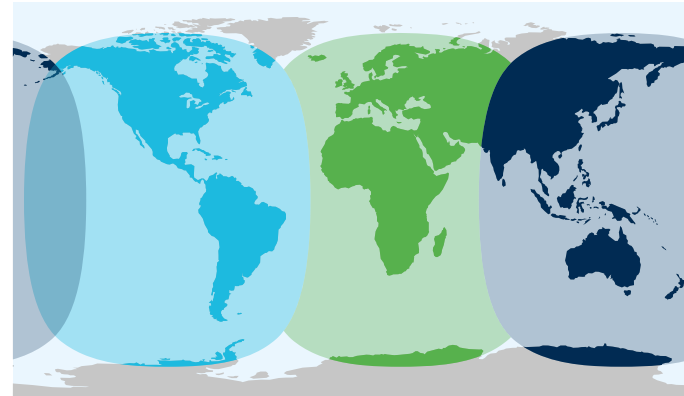## Coverage

Broadband Global Area Network

I-4 Americas   Alphasat   I-4 Asia-Pacific

This map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.
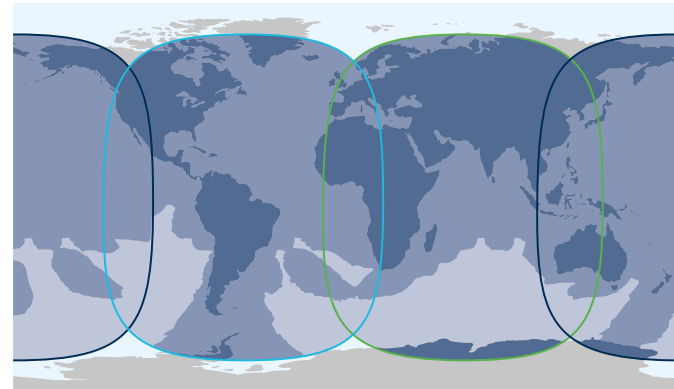
IsatPhone

I-4 Americas   Alphasat   I-4 Asia-Pacific

This map is illustrative of IsatPhone coverage. It does not provide a guarantee of the extent of service availability. From November 2013, Alphasat coverage prioritises the region north of 44°S, and service may degrade south of this latitude.

Global Xpress®

I-5 Atlantic Ocean Region   I-5 Indian Ocean Region   I-5 Pacific Ocean Region   Global Xpress network available over at least 99% of this area   Extendable Global Xpress coverage via steerable beams

This map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions. The first satellite was successfully launched in 2013, providing coverage over Europe, Middle East, Africa and Asia. Inmarsat-5 coverage July 2014.

How to buy

With a presence in more than 60 locations across the globe, our world-class products, services, solutions and 24/7/365 customer support facilities are available directly from Inmarsat, or — for the majority of customers — via our worldwide network of independent Distribution Partners (DPs) and Service Providers (SPs).

inmarsat.com/search-for-partner
GlobalCustomerSupport@inmarsat.com

inmarsat.com/enterprise

inmarsat
The mobile satellite company™

Enterprise services comparison
A quick reference guide

Our enterprise services offer different performance options to suit different operational needs and are accessed through a range of portable, fixed and vehicular terminals. This comparison sheet provides an overview of each service to help you identify which would be most suitable for your business-critical communications.

	Broadband					Machine-to-machine			Voice		
Inmarsat service	Global Xpress	BGAN	BGAN HDR	BGAN Link	IsatHub	BGAN M2M	IsatData Pro	Isat M2M	IsatPhone Pro	IsatPhone 2	IsatPhone Link
Usage	Fixed, portable and stabilised platforms	Portable and vehicular	Portable	Fixed*	Portable - smart phone or tablet connectivity	Fixed	Fixed and vehicular	Fixed and vehicular	Handheld**	Handheld	Fixed
Services	IP data, voice, streaming	Standard IP, streaming IP, voice, ISDN, SMS, fax	Streaming IP Asymmetric FC / 64 Asymmetric HC / 64 Symmetric FC / FC Symmetric HC / HC (send / receive) Voice FC = Full channel HC = Half channel	Standard IP, SMS	Standard IP, voice, SMS	Standard IP, automatic firmware upgrade	Packet data	Short-burst data	Voice, SMS, data	Voice, SMS, data	Voice, SMS, data
Transport protocol	TCP/IP, UDP/IP	TCP / IP, UDP / IP, circuit-switched	TCP / IP, UDP / IP, circuit-switched	TCP / IP, UDP / IP	TCP / IP, UDP / IP	TCP / IP, UDP / IP	Store and forward	Store and forward	Circuit-switched	Circuit-switched	Circuit-switched
Performance	Up to 50 Mbps receive, 5 Mbps send***	Standard IP up to 492kbps Streaming IP - 32, 64, 128, 256kbps and BGAN X-Stream (min 384 up to 492kbps) Voice - 4kbps	Streaming IP - FC - av. 600 - 700 up to 850kbps HC - av. 300 - 350 up to 420kbps Voice - 4kbps	Up to 492kbps (send and receive)	Up to 240 / 384kbps (send / receive) Voice - 4kbps	Up to 448 / 464kbps (send / receive)	6,400 / 10,000 bytes (send / receive)	10.5 or 25.5 / 100 bytes (send / receive)	2.4kbps voice codec	2.4kbps voice codec	2.4kbps voice codec
Latency	700 milliseconds	800 milliseconds	800 milliseconds	800 milliseconds	800 milliseconds	800 milliseconds	15-60 seconds, message size dependent	30 - 60 seconds	500 milliseconds	500 milliseconds	500 milliseconds
Connection charge	N/A	100KB data 30 seconds voice	100KB data 30 seconds voice	No connection charge	50KB data 30 seconds voice	No connection charge	15 bytes	10.5 or 25.5 bytes	30 seconds	30 seconds	30 seconds
Pricing unit	Subscriptions: MRC per Terminal SNS: MRC per Network	Per minute streaming Per MB data Per minute voice Per SMS	Per minute streaming Per MB data Per minute voice Per SMS	Available in 2 and 3GB monthly packages****	Per MB data Per minute voice Per SMS	Monthly packages**** Per SMS	Per byte	Per message	Per minute	Per minute	Per minute
Billing increment	Flat monthly fee (always on), occasional use	5 seconds streaming 20KB data 15 seconds voice	5 seconds streaming 20KB data 15 seconds voice	Flat monthly fee, additional data available dependent on package charged per MB	20KB data 15 seconds voice	1KB	1 byte	10.5, 25.5 bytes, message size dependent	15 seconds	15 seconds	15 seconds
Typical monthly consumption	Subscription based on throughput	>10MB	N/A	5, 10, 15 and 30GB monthly packages	Dependent on usage	>2MB monthly packages	10KB - 1MB	<10KB	Unlimited	Unlimited	Unlimited
Coverage	Global*****	Global	Global	Global	Global	Global	Global	Global	Global	Global	Global
Terminal manufacturers	Cobham, Intellian, JRC, Skyware Technology, Paradigm	AddValue, Glocom, Hughes, Cobham Satcom	Cobham Satcom	Hughes, Cobham Satcom	AddValue	Hughes, AddValue	SkyWave	Honeywell, SkyWave	Inmarsat	Inmarsat	Beam
Terminal set-up	One touch or manual commissioning	Plug and play	Plug and play	Plug and play	Plug and play	Plug and play	Requires programming and integration	Requires programming and integration	N/A	N/A	N/A
Core sectors	Oil and gas, mining, media, aid and NGO, corporate, mobile network operators, transportation	All enterprise	All enterprise, government	Aid, banking and finance, media bureaus, construction, mining, oil and gas	All enterprise	Utilities, oil and gas, banking and finance, environmental monitoring	Transportation and fleet logistics, utilities, oil and gas	Transportation and fleet logistics	All enterprise	All enterprise	All enterprise
Typical applications	Voice over Internet Protocol (VoIP) support and managed VoIP services, video conferencing, VPN access, email live video and audio streaming, interactive collaboration and situational awareness, high-speed broadband for internet access, high-speed file transfer, video surveillance, telemedicine	Email, internet access, videoconferencing, videotransfer, voice, file transfer, IP SCADA, data backhaul, telemetry	Live video, live audio, video conference, video surveillance, telemedicine, file transfer, internet and intranet access, email, secure VPN access, encryption, voice telephony and SMS	Email, internet access, cellular failover, secure VPN, SMS, file transfer	Smart phone or tablet connectivity for email, internet and app access, file transfer, voice, SMS	IP and non-IP SCADA, secure ATM/POS solutions, remote fixed asset monitoring, including telemetry and surveillance	In-cab dispatch, remote monitoring and communication, electronic document transfer, non-IP M2M	Vehicle and personnel tracking, monitoring and control	Voice, SMS, short-message email	Voice, SMS, short-message email, tracking and emergency assistance	Voice, SMS, short-message email

BGAN HDR

In addition to the BGAN HDR service information contained in this sheet,
BGAN HDR offers all services as described in the BGAN column

* Applications for this service are treated on a case by case basis
** Docking stations and antennas for fixed and vehicular use are available through our partners listed on inmarsat.com
*** Dependant on location, terminal and conditions
**** Overage charge per MB
***** Global Xpress is currently available in the Indian Ocean Region coverage. Inmarsat expects to complete the next two launches in a timeframe that would permit the launch of GX services on a global basis by the end of the first half of 2015
IsatData Pro is a SkyWave service delivered through the Inmarsat network. IsatData Pro is a trademark of Inmarsat used under licence by SkyWave.