

Land services comparison

A quick reference guide

Our portfolio of land services offers a variety of performance options to suit different operational needs. Services 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.

Inmarsat service	Broadband		Machine-to-machine			Voice	
	BGAN	BGAN Link	BGAN M2M	IsatData Pro	Isat M2M	IsatPhone Pro	IsatPhone Link
Usage	Portable and vehicular	Fixed	Fixed	Fixed and vehicular	Fixed and vehicular	Handheld*	Fixed
Services	Standard IP, streaming IP, voice, ISDN, SMS	Standard IP	Standard IP	Packet data	Short-burst data	Voice, SMS, data	Voice, SMS, data
Transport protocol	TCP / IP, UDP / IP, circuit-switched	TCP / IP, UDP / IP	TCP / IP, UDP / IP	Store and forward	Store and forward	Circuit-switched	Circuit-switched
Performance	Up to 492kbps (send and receive), 4kbps voice	Up to 492kbps (send and receive)	>100kbps (send and receive)	6,400 / 10,000 bytes (send / receive)	10.5 or 25.5 / 100 bytes (send / receive)	2.4kbps voice codec Up to 20kbps data	2.4kbps voice codec Up to 20kbps data
Latency	800 milliseconds	800 milliseconds	800 milliseconds	15-60 seconds, message size dependent	30 - 60 seconds	500 milliseconds	500 milliseconds
Connection charge	100KB data 30 seconds voice	100KB data	No connection charge	15 bytes	10.5 or 25.5 bytes	30 seconds	30 seconds
Pricing unit	Per MB data Per minute voice	5, 10 and 15GB monthly packages	Per MB	Per byte	Per message	Per minute	Per minute
Billing increment	10KB data 15 seconds voice	Flat monthly fee, additional data available charged per MB	1KB	1 byte	10.5, 25.5 bytes, message size dependent	15 seconds	15 seconds
Typical monthly consumption	>10MB	5, 10 and 15GB monthly packages	2 - 8MB	10KB - 1MB	<10KB	Unlimited	Unlimited

	Broadband		Machine-to-machine			Voice	
Coverage	Global	Global**	Global	Global	Global	Global	Global
Terminal manufacturers	AddValue, Glocom, Harris, Hughes, Thrane & Thrane	Hughes, Thrane & Thrane	Hughes	SkyWave	EMS, SkyWave	Inmarsat	Beam
Terminal set-up	Plug and play	Plug and play	Plug and play	Requires programming and integration	Requires programming and integration	N/A	N/A
Core sectors	All enterprise	Aid, banking and finance, media bureaus, construction, mining, oil and gas	Utilities, oil and gas, retail banking	Transportation and fleet logistics, utilities, oil and gas	Transportation and fleet logistics	All enterprise	All enterprise
Typical applications	Email, internet access, videoconferencing, videotransfer, voice, file transfer, IP SCADA, data backhaul, telemetry	Email, internet access, secure VPN, SMS, file transfer	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
Availability	Now	Now	Now	Now	Now	Now	Now

* Docking stations and antennas for fixed and vehicular use are available from Beam Communications

** BGAN Link is available worldwide, with the exception of the extreme polar regions, USA and Afghanistan

IsatData Pro is a SkyWave service delivered through the Inmarsat network. IsatData Pro is a trademark of Inmarsat used under licence by SkyWave.

How to buy

Our services are available globally through Inmarsat distribution partners and service providers. Visit our website to find the right partner for your organisation.

inmarsat.com/land

Whilst the above information has been prepared by Inmarsat in good faith, and all reasonable efforts have been made to ensure its accuracy, Inmarsat makes no warranty or representation as to the accuracy, completeness or fitness for purpose or use of the information. Inmarsat shall not be liable for any loss or damage of any kind, including indirect or consequential loss, arising from use of the information and all warranties and conditions, whether express or implied by statute, common law or otherwise, are hereby excluded to the extent permitted by English law. INMARSAT is a trademark of the International Mobile Satellite Organisation, Inmarsat LOGO is a trademark of Inmarsat (IP) Company Limited. Both trademarks are licensed to Inmarsat Global Limited. © Inmarsat Global Limited 2012. All rights reserved. Land services comparison March 2012.