

Inmarsat's Broadband Global Area Network – BGAN – is the world's first mobile communications service of any kind to provide both voice and broadband data simultaneously through a single, truly portable device on a global basis.

It is also the first mobile communications service to offer guaranteed data rates on demand.



The broadband mobile office

BGAN enables you to set up a broadband mobile office in minutes – wherever you are on the planet.

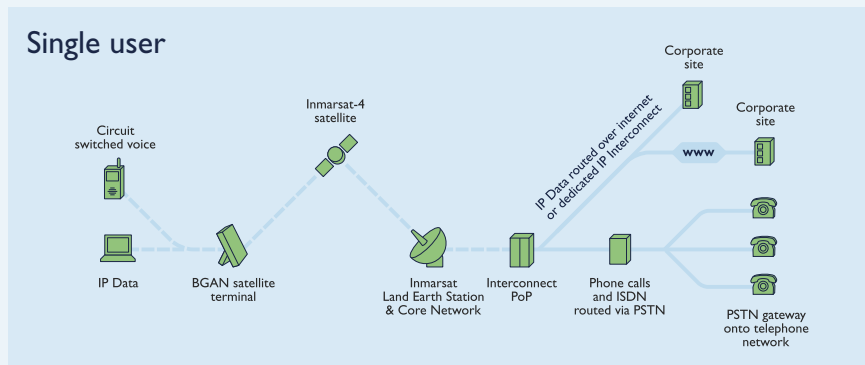
You can access your corporate network via a secure VPN connection, use email and other

office applications, browse the Internet and send large file attachments – at speeds up to half a megabit. And you can make a phone call at the same time. You can also participate in videoconferences, view and

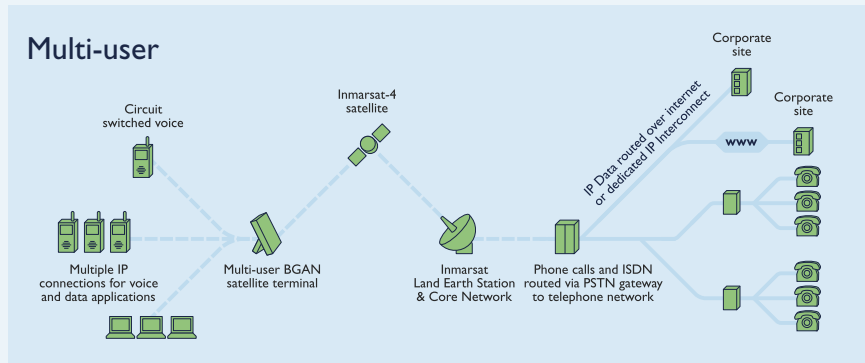
transmit live video and use store and forward applications.

The BGAN service is accessible via a range of small, lightweight satellite terminals with options for single users or small teams.

Single user

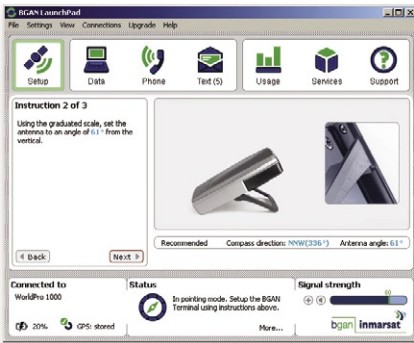


Multi-user



User interface

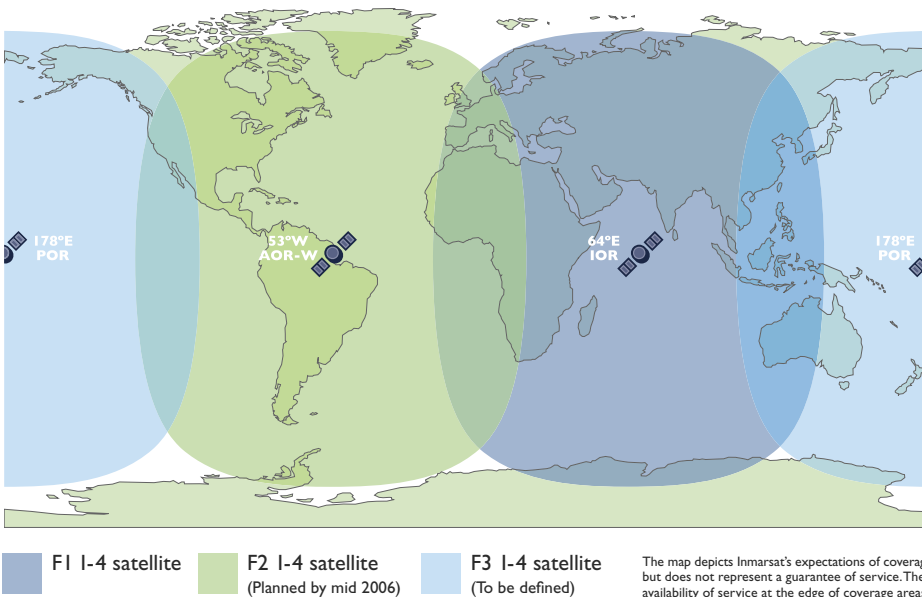
The service is accessed via BGAN LaunchPad, a software interface, which is standard across all BGAN satellite terminals.



- Easy to use
- Step-by-step instructions on pointing the terminal and setting up a satellite connection
- Customise data connection options to match application requirements
- Pre-configure user access settings e.g. restrict access to Streaming IP services
- On-line access to account and billing information
- Personal and corporate versions
- Access to text messaging and telephony features

Network coverage

BGAN is initially accessible in Europe, Africa, the Middle East and Asia. It is planned to extend coverage to North and South America by mid 2006.



How to buy BGAN

BGAN will be available through select Inmarsat Distribution Partners and Service Providers in more than 80 countries. Visit our website to find the right partner for your organisation.

www.inmarsat.com

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Network services

BGAN supports both circuit-switched and packet-switched voice and data services:

Standard IP service

- Variable bit rate service
- Background Class IP*
- Up to 492kbps (maximum bearer rate) – send and receive

Streaming IP service

- Guaranteed bit rate service
- Available on demand
- Streaming Class QoS*
- 32, 64, 128, 256kbps – send and receive

Voice

- 4kbps circuit-switched voice service
- Calls made via a peripheral handset or headset
- Voicemail
- Supplementary services: call waiting, call barring, call hold, call forward

ISDN

- 64kbps
- UDI / RDI
- Digital and Analogue
- Available on selected satellite terminals

Other network data

- Operating Spectrum – L-Band: 1.5 to 1.6GHz
- Bearer bandwidth – 200kHz
- Supported operating systems – Windows – 2000, XP – MAC – OS 9.2, OS 10.1 – Linux Redhat 9

* as defined within 3G industry standards