

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

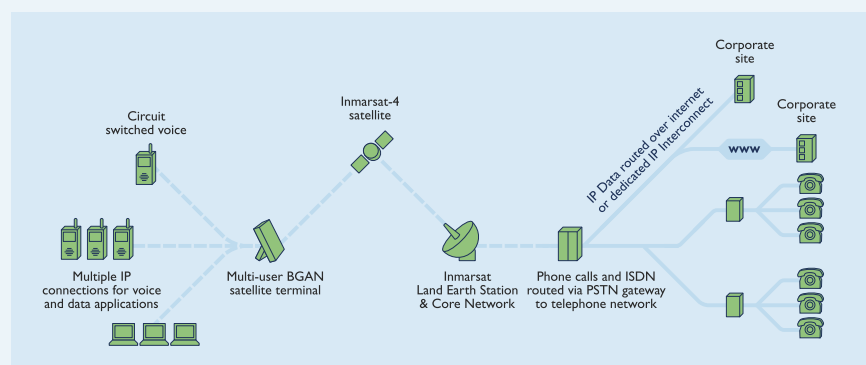
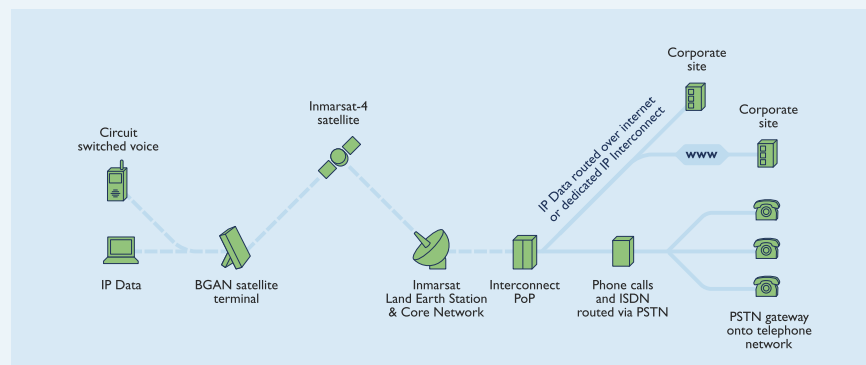
BGAN enables you to set up a broadband mobile office in minutes – wherever you are on the planet.

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

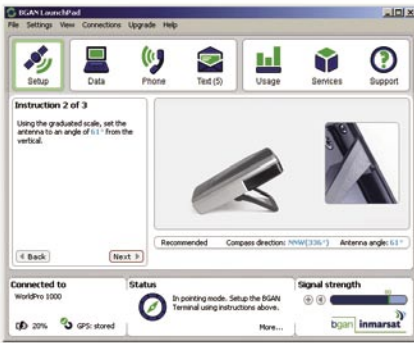
transmit live video and use store and forward applications.

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



## User interface

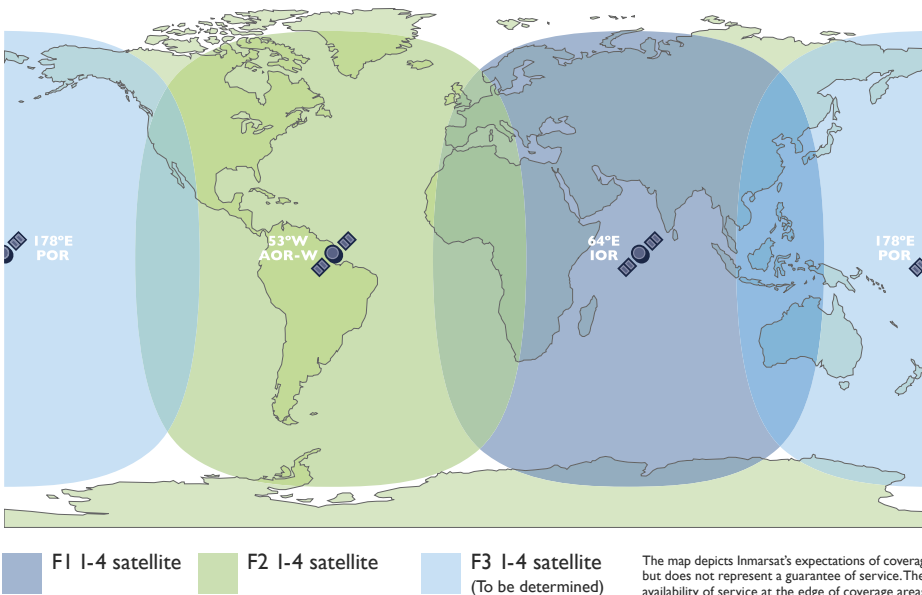
The service is accessed via BGAN LaunchPad, a software interface, which is standard across all BGAN satellite terminals.



- 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 accessible in Europe, Africa, the Middle East, Asia, North and South America.



## How to buy BGAN

BGAN is 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/bgan](http://www.inmarsat.com/bgan)

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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 in 3G industry standards