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.

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

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

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 2006. All rights reserved. BGAN serv spec March 2006