



Aid

BGAN applications



Photograph: Department of defence

Instant broadband connectivity in the field

➔ BGAN is the only mobile satellite service to offer broadband data with simultaneous voice, through a single, highly compact device on a global basis. It is also the first service to offer guaranteed data rates on demand for live video and telemedicine. BGAN terminals can be used indoors and outdoors, being robust enough to withstand challenging environments and extremes of temperature. Vehicular BGAN terminals comprise a tracking antenna for mounting on the vehicle roof and an interior unit.

Inmarsat's Broadband Global Area Network service – BGAN – offers aid agencies a compelling combination: an all-in-one, phone and broadband data solution using compact, lightweight terminals that are quick to set up and easy to use.

BGAN enables your field workers to access the same applications they use back at base in areas where terrestrial communications are poor or non-existent. They can set up a temporary office with broadband connectivity, or if they need to visit different locations, use vehicular BGAN to send emails and make calls while on the move. Productivity is significantly enhanced, as workers can report directly from the field to their regional office, rather than having to wait until they get back to a town.

BGAN also plays an integral role in disaster relief. It restores essential communications immediately, enabling the effective co-ordination of relief efforts when regular communication lines are down – improving response times, which could ultimately save lives.

Applications

- Broadband mobile telecoms centre in disaster situations
- Temporary field office for small teams in areas of need where terrestrial communications are poor or non-existent
- Voice and high-speed data access to regional office networks for bespoke and standard office applications: telephony (circuit-switched or VoIP), email, internet, VPN, videoconferencing, large file transfer, fax
- Recording live video footage from disaster-hit areas
- Welfare communications for local population in disaster situations or areas of need

In-field equipment

- BGAN satellite terminal
- BGAN voice or VoIP handsets
- Laptop (MAC or PC) or PDAs
- Webcams and handheld cameras
- Power adapters AC/DC, batteries, cables

Key benefits

Reliable

- Continue operations unimpeded by disruption to terrestrial networks
- Bandwidth availability is maintained as other agencies enter a disaster area, with network capacity dynamically reallocated to areas of high demand
- Range of highly robust satellite terminals that can withstand challenging environments and extreme temperatures
- 24/7 customer support through our worldwide network of partners

Highly compact

- Can be easily carried between locations in a backpack or hand luggage enabling immediate voice and broadband data connectivity
- Vehicular interior units take up minimal space in a car

Simultaneous voice and broadband data

- Quickly establish field communications in the absence of terrestrial infrastructure

- Send and receive data more efficiently, including status reports, photos and video footage, and carry out standard administrative tasks
- Rescue workers can speak to off-site teams while sending a live video update
- Send live video broadcasts from the field, enabling media companies to promote awareness of the situation

Easy to use and manage

- Quick and easy to set up and shut down when you need to move to a new location
- Minimal technical expertise required – can be deployed by more field workers
- One solution for all your voice and data communications

Competitively and flexibly priced

- Significantly lower costs for both terminals and airtime compared with previous mobile satellite services and no set-up costs
- Can be deployed by multiple field teams, enabling real-time communications from more locations

- Flexible pricing packages, including post-pay and prepay, to help manage your costs

Flexible

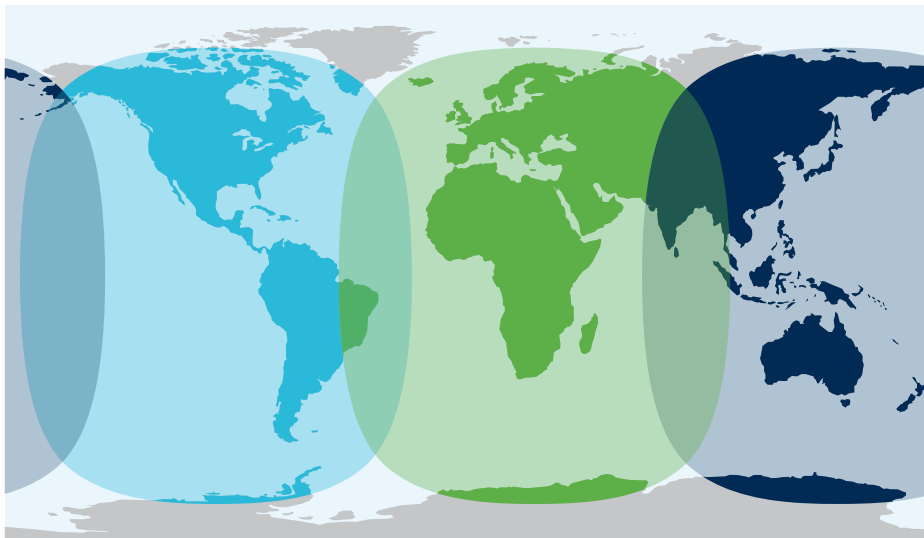
- There are terminals that enable an instant wireless LAN so that remote teams can share a single BGAN connection
- With a vehicular BGAN terminal you can access high-speed data while 'on the move'
- BGAN supports both ISDN and IP connectivity solutions so integrates seamlessly with your regional office network infrastructure
- Compatible with a wide range of standard networking and connectivity solutions: wireless routers, VPNs, thin-client software, FTP applications
- Can be used without a laptop interface




Global coverage

- Dependable connectivity for your remote teams on a global basis
- Deploy the same device worldwide to all your field teams

Coverage

BGAN is currently accessible in Europe, Africa, the Middle East, Asia, Western Australia, North America and South America. After the repositioning of our I-4 satellites, the service will be extended to cover East Asia, Eastern Australia and New Zealand.



-  I-4 Americas  I-4 EMEA  I-4 Asia-Pacific

This map depicts Inmarsat's expectations of coverage post repositioning of its I-4 satellites. It does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions. Please refer to inmarsat.com/coverage for further information on timescales.

How to buy BGAN

BGAN is available through Inmarsat distribution partners and service providers in more than 80 countries. Visit our website to find the right partner for your organisation.



inmarsat.com/aid

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