



## Media

BGAN applications



➔ **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 – in excess of 384kbps with BGAN X-Stream™ – for live video and audio broadcasting. BGAN terminals can be used indoors and outdoors, being robust enough to withstand challenging environments and temperature extremes. Vehicular BGAN terminals comprise an interior unit and a tracking antenna for mounting on the vehicle roof.**

# Transforming satellite news gathering

Inmarsat's Broadband Global Area Network service – BGAN – is transforming satellite news gathering with a compelling combination: small, high bandwidth satellite terminals delivering voice and broadband data, that can be rapidly deployed and easily used by non-technical staff all over the world.

All types of satellite news gathering can benefit from BGAN. News teams can file their reports from disaster-hit areas, war zones, sports events and remote regions without having to rely on potentially poor or non-existent terrestrial or cellular communications infrastructure. And if they need to move between locations, they can use vehicular BGAN to send emails, live and stored video footage, and high resolution photographs, as well as to make calls while on the move.

### ➔ Live broadcasting

BGAN is all your news team needs to capture stories in real time and broadcast them directly back to the studio. BGAN X-Stream delivers the fastest, on demand streaming data rates in the mobile satellite communications world – from a minimum of 384kbps up to around 450kbps. So using a single, highly compact, lightweight BGAN terminal you can broadcast very high quality live video wherever you may be.

### ➔ Store and forward video

Alternatively, news teams can shoot, store and then forward video footage back to the newsroom, and it can be incorporated into a subsequent live broadcast. Or you can send and start playing a store and forward file at the same time as making a live video broadcast.

### ➔ Print / photo journalism

With BGAN, journalists can file reports efficiently, directly from the field, rather than having to wait until they get back to town. Due to the high bandwidth available with BGAN, they can deliver more comprehensive stories with richer content, such as high resolution photographs.

### ➔ Remote bureau

Your remote team can set up a temporary office with voice and broadband data connectivity and access the same applications they use back in the newsroom. Some BGAN terminals enable an instant wireless LAN so several journalists can share a single BGAN connection.

### BGAN in-field equipment

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

## Key benefits

### Simultaneous voice and broadband data

- Quickly establish voice and live video streaming wherever the news story is breaking
- Superior quality video from a single, highly compact, lightweight device
- Reporter can speak to the studio while making a live video broadcast
- Send more comprehensive reports from the field with richer content eg. high resolution photos and video clips
- Send and start playing a store and forward file at the same time as making a live video broadcast

### Highly compact

- Easily carried in a backpack – the highest bandwidth terminals weigh about 3.2kgs (7lbs) – enabling immediate connectivity
- Doesn't draw attention to media presence in dangerous situations
- BGAN vehicular units take up minimal interior space with a discreet tracking antenna mounted on the car roof

### Flexible

- Compatible with leading broadcast video applications and codecs, and other sector-specific 3rd party peripherals
- BGAN supports both ISDN and IP connectivity solutions – compatible with legacy news gathering applications while providing a smooth upgrade path to IP
- With a vehicular BGAN terminal you can send live or stored video, and audio data, while on the move
- There are terminals that enable an instant wireless LAN so your team can share a single BGAN connection

### Easy to use

- Quick and easy to set up and shut down – send reports more quickly in dangerous situations
- No technical expertise or training required reducing size of reporting teams and costs
- One solution for all your voice and data communication needs

### Reliable

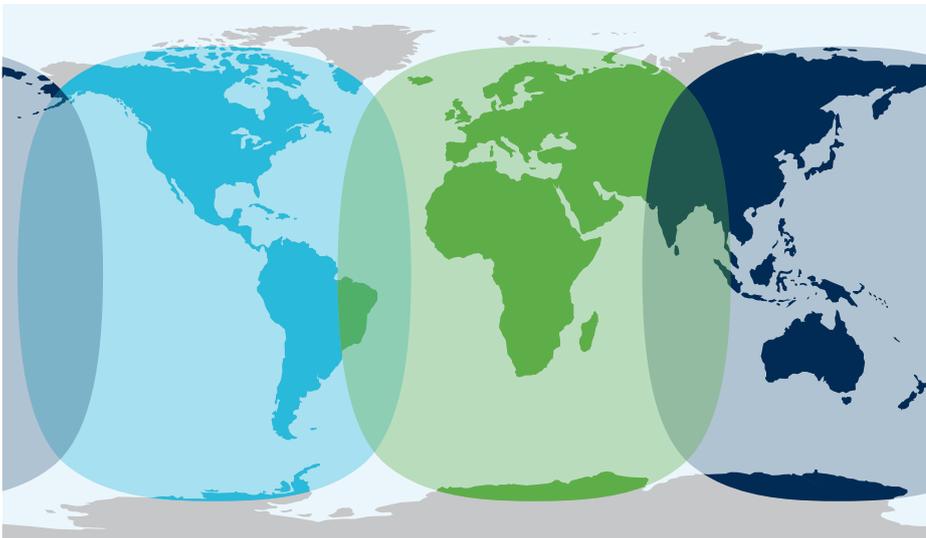
- Send high quality video back to the studio – on time, every time
- Network capacity can be dynamically re-directed to areas of high usage – ensures bandwidth availability is maintained when a major news story breaks
- Range of highly robust satellite terminals to withstand challenging environments and climatic extremes

### Competitively priced

- No set-up costs and significantly lower costs for both terminals and airtime compared with previous generations of mobile satellite services
- Can deploy to more reporting teams
- Superior quality, live news coverage from more locations, increasing your competitive edge

## Coverage

BGAN is accessible worldwide, so connectivity for remote journalists and news gathering teams is assured.

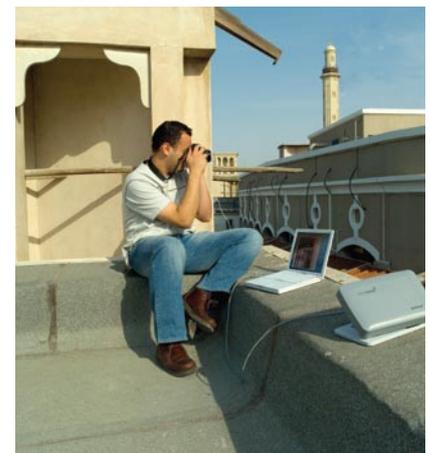


I-4 Americas    I-4 EMEA    I-4 Asia-Pacific

The map depicts Inmarsat's expectations of coverage, but does not represent a guarantee of service. The availability of service at the edge of coverage areas fluctuates depending on various conditions.

## How to buy BGAN

BGAN is available through select Inmarsat distribution partners and service providers in more than 190 countries. Visit our website to find the right partner for your organisation.



[inmarsat.com/media](http://inmarsat.com/media)

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 2009. All rights reserved. BGAN Media Apps April 2009.