

# BGAN

## Global Voice and Broadband Data



### Redefining remote

Inmarsat's Broadband Global Area Network service – BGAN – is the world's first mobile communications service to provide both voice and broadband data simultaneously through a single, truly portable device on a global basis. It is also the first to offer guaranteed data rates on demand.

In a standard office environment, broadband access is now taken for granted.

But for those whose jobs take them away to more remote locations, accessing the corporate network or the internet often means a return to slow dial-up connections, or worse still, no access at all.

With Inmarsat's BGAN service, you can set up a broadband mobile office in minutes – wherever you are on the planet.

Delivered via the most advanced commercial communications satellites ever launched, BGAN provides affordable, mobile broadband services at speeds up to half a megabit in a highly compact, easy to use form.

Journalists, military personnel, aid workers and other established users of mobile satellite communications welcome the superior performance and lighter load of BGAN.

But other users, such as engineers, consultants and project managers – anyone, in fact, who wants dependable, secure broadband access when working in locations with unreliable or no telecoms networks – can now reap the benefits of mobile satellite communications.

### **Remote connectivity**

*Set up a broadband mobile office in minutes – wherever you are on the planet.*



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### Enhancing Productivity Delivering competitive advantage

#### GLOBAL COVERAGE

BGAN delivers seamless network coverage across most of the world's land mass. Users are able to get broadband wherever they go – not just in major cities or at the airport. BGAN is currently accessible in Europe, Africa, the Middle East, Asia, Western Australia and North and South America. Coverage will be worldwide after repositioning of the I-4 satellites.

#### EASY TO USE

BGAN is designed for simplicity and ease of use. No specialist technical expertise is required to set up and use it. It's easy to manage costs, because you can track service usage and charges in real-time. You can use the same device worldwide and the user interface is standard across all terminals. And there are never any compatibility issues with local telecoms networks, because you connect directly to the satellite.

#### HIGHLY COMPACT

BGAN terminals are compact and lightweight. Standard terminals can be carried as easily as a laptop, with the smallest weighing less than one kilogram. Vehicular systems are equally compact with a discreet tracking antenna for the car roof and an interior transceiver.

#### SIMULTANEOUS VOICE AND BROADBAND DATA

With a single BGAN device, you can access data applications at speeds up to half a megabit and make a phone call at the same time. In a world-first for mobile services, you can also select guaranteed data rates on demand, with a choice of speeds to suit your application requirements. And to ensure bandwidth availability, network capacity can be re-directed to areas of heavy usage.

### Service coverage



*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](http://inmarsat.com/coverage) for further information on timescales.*

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### **TOTALLY FLEXIBLE**

BGAN supports the latest IP services, as well as traditional circuit-switched voice and data. Integrating seamlessly with your corporate network, it supports legacy applications while providing a smooth upgrade path to IP. There are terminals for single users and small teams, which can be connected to a laptop via a wired or wireless connection. The user interface can also be customized according to your requirements.

### **COMPLETELY SECURE**

Inmarsat has vast experience in providing secure communications to military and government customers. BGAN meets these exacting requirements and supports all major VPN products and encryption standards.

### **TRADEMARK RELIABILITY**

Inmarsat's name is synonymous with reliable communications. Through our responsibilities in providing maritime safety services, our network operations and control infrastructure incorporates a high level of back-up and redundancy. The whole system is backed by 24/7 customer support from our partner organizations.



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### Enhanced Connectivity The global broadband mobile office

#### BGAN TERMINALS

BGAN is accessible via a range of small, lightweight satellite terminals, which provide performance options to suit different operational needs. They can be used both indoors and outdoors, being robust enough to withstand challenging environments and extremes of temperature.

The smallest terminals are designed to suit single users, for whom portability is a key consideration. The larger terminals offer a WLAN capability and are particularly suitable for small teams that need to establish a temporary office for an extended period. They are also suitable for users requiring higher bandwidth to enable applications such as live broadcasting.

Vehicular systems comprise an interior terminal and discreet tracking antenna, which is mounted on the vehicle roof. They provide access to voice and high-speed data while 'on the move'.

#### USER INTERFACE

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

- Step-by-step instructions on pointing the terminal and setting up a satellite connection
- Customize data connection options to match application requirements
- Pre-configure user access settings eg. Restrict access to Streaming IP services
- Online access to account and billing information
- Personal and corporate versions
- Access to text messaging and telephony features
- Supports Windows 2000, XP, MAC - OS 9.2, OS 10.1 and Linux Redhat 9



**Set up a temporary office**  
Small teams can share a single BGAN connection, enabling an instant broadband local area network.

#### Standard IP

For email, internet and intranet access via a secure VPN connection, at speeds up to 492kbps over a shared channel.

#### Streaming IP

Guaranteed data rates on demand up to 256kbps. Choose the data rate on a case by case basis, depending on your application. Also supports ISDN at 64kbps.

#### Phone

Make phone calls at the same time as accessing your data applications. Voicemail and other standard 3G mobile supplementary services are also available.

#### Text

Send and receive text messages via your laptop – up to 160 characters – to or from any mobile phone.