

Broadband for a mobile planet™



Introducing the Broadband Global Area Network

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.

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 world's largest and most sophisticated communications satellites, BGAN will provide affordable, mobile broadband services at speeds up to half a megabit in a highly portable, easy to use form.

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

But other users, such as engineers, consultants and sales personnel – anyone, in fact, who wants dependable, secure broadband access when travelling in locations with unreliable or no telecoms networks – will now be able to reap the benefits of mobile satellite communications.



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

Enhancing productivity and competitive advantage

Global coverage

BGAN will deliver seamless network coverage across about 85% of the world's land mass. Users will be able to get broadband wherever they go – not just in major cities or at the airport. BGAN is initially accessible in Europe, Africa, the Middle East and Asia. Coverage will be extended to North and South America, expected by mid 2006.

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 data rates to suit your application requirements. And to ensure bandwidth availability, network capacity can be re-directed to areas of heavy usage.

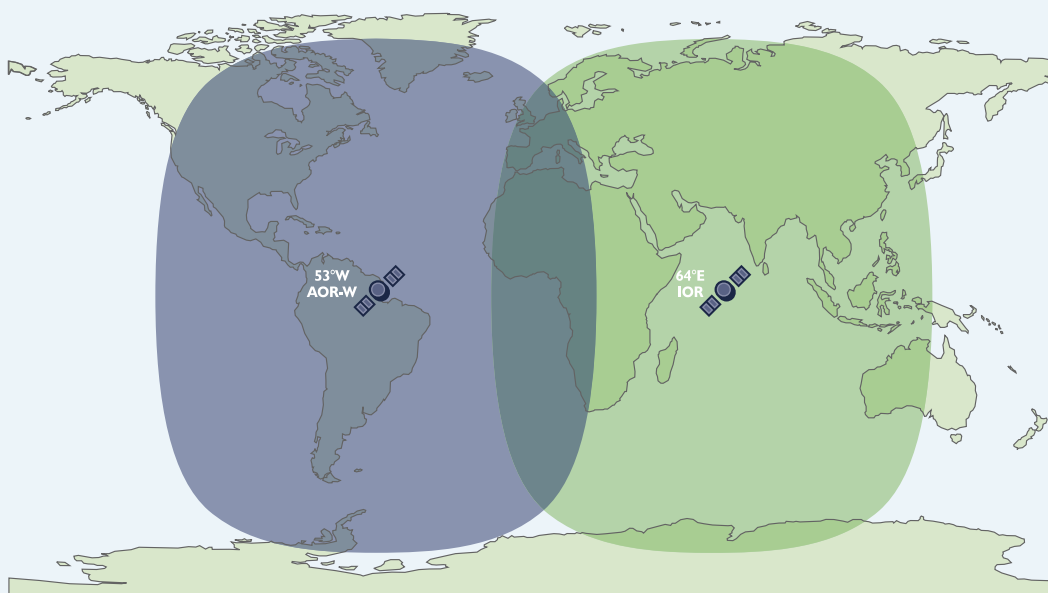
Highly portable

BGAN terminals are compact, lightweight and can be carried as easily as a laptop – the smallest BGAN terminal weighs less than one kilo. A fully functional broadband mobile office can be set up and shut down in minutes.

Totally flexible

BGAN supports the latest IP services, as well as traditional circuit-switched voice and data. Integrating seamlessly with your corporate networks, it will support 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. And the user interface can be customised according to your requirements.

Planned BGAN service coverage



- F1 I-4 Satellite
- F2 I-4 Satellite
(Planned by mid 2006)

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 upon various conditions.

Trademark reliability

Inmarsat's name is synonymous with reliable communications, given our responsibilities in providing maritime safety services. The network capacity of our new satellites is 16 times greater than before, delivering a massive boost to an already highly available network. And the whole system is backed by 24/7 customer support from our partner organisations.

Easy to use

BGAN is designed for simplicity and ease of use. No specialist technical expertise is required to set it 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 direct to the satellite.

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.



Delivering the global broadband mobile office

BGAN extends the boundaries of the broadband mobile office that 3G services are beginning to deliver.

Data



With the Standard IP service you can access your corporate network via a secure VPN connection at speeds up to 492kbps, to use e-mail and other office applications, browse the Internet and send large file attachments.

Streaming IP



For applications where quality of service is paramount, such as live video or videoconferencing, BGAN offers a Streaming IP service up to 256kbps on demand. You have the flexibility to choose the data rate on a case-by-case basis, depending on your application. BGAN also supports ISDN.

Phone



With BGAN, you can make a phone call at the same time as accessing your data applications. You can use a standard desktop phone, custom handset or a Bluetooth handset/headset depending on the BGAN terminal. Voicemail and other standard 3G mobile supplementary services are also available.

Text



BGAN enables you to send and receive text messages via your laptop – up to the standard 160 characters – to or from any mobile phone.

BGAN terminals

BGAN is accessible via a range of small, lightweight satellite terminals, which provide performance options to suit different operational needs. Terminals can be connected quickly and easily to a laptop, or multiple laptops, via wired or wireless connections, including Bluetooth or WiFi, depending on your choice of terminal.

The smallest terminals are designed to suit single users, for whom portability is the primary concern. Larger terminals within the range offer higher bandwidth and are particularly suitable for small teams, who may need to establish temporary offices for longer periods. Terminals can be used indoors and outdoors, being robust enough to withstand challenging environments and extremes of temperature.

How to buy BGAN

BGAN will be available through select Distribution Partners and Service Providers in more than 80 countries. Visit our website to find the right partner for your organisation.





Access your data applications at speeds up to 492kbps while making a phone call.

Inmarsat: the world leader in global mobile satellite communications

Inmarsat has been developing, building and operating satellite networks for more than a quarter of a century. Through our commitment to innovation, we continue to introduce new technologies that redefine the standard for the industry. Our customers include major corporations and governments across the world and our name is synonymous with reliable, secure communications, no matter where you are on the planet.

With the introduction of BGAN, Inmarsat has once again established a new era in mobile communications.

The age of Broadband for a mobile planet™ has arrived.



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