



Construction

BGAN applications



Improving decision-making and on-site connectivity

➔ BGAN is the only mobile satellite service to offer broadband data with simultaneous voice, through a single, truly portable device on a global basis. It is also the first service to offer guaranteed data rates on demand for live video feeds and videoconferencing.

Inmarsat's Broadband Global Area Network service - BGAN – offers the construction industry a compelling combination: simultaneous voice and high-speed data using a compact, lightweight terminal that is quick to set up and easy to use.

BGAN enables you to set up a temporary office with telephone and broadband connectivity as soon as you arrive on site, regardless of the availability or quality of local terrestrial infrastructure.

With BGAN, your project managers and on-site teams can communicate with off-site suppliers, contractors and headquarters and send detailed reports immediately, helping to reduce completion times. It enables improved resource and supplier management, enhanced decision-making and immediate incident response, improving the safety of your workers.

Applications

- Standard office applications: email, internet, VPN, FTP, telephony, VoIP
- Corporate network access and integration with suppliers' and sub-contractors' systems from anywhere in the world eg. via Citrix or SAP
- Project managers sending progress reports and chasing suppliers and contractors
- Visual analysis of site and equipment via video or camera
- Remote surveillance of site and installations
- Emergency response enabling reliable front-line communications in the event of injury on-site
- Welfare communications – remote workers deployed on-site for extended periods can stay in touch with family and friends via email and phone

BGAN on-site equipment

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

Key benefits

Simultaneous voice and broadband data

- Quickly establish data and voice communications during site set-up, regardless of the state of terrestrial infrastructure
- Send progress reports, join conference calls, order and track supplies in real-time
- On-site team can send live video and discuss on the phone with HQ at the same time via a single device, resulting in improved analysis and decision-making

- Connectivity between headquarters and on-site teams including architects, surveyors, project managers and foremen right from site set-up

Reliable

- Robust terminals that are able to withstand challenging environments and extreme temperatures
- Continue operations when other means of communication, such as terrestrial wireline and cell phone infrastructure, are disrupted

- Immediate response to incidents and emergencies

Easy to use

- Quick and easy to set up and shut down
- No additional personnel required to install BGAN, reducing operating costs
- No technical expertise required – enables connectivity for all team members

Highly portable

- Compact, lightweight terminals that are ideal for project managers moving from site to site
- Communications arrive on-site with your people, providing immediate connectivity

Flexible

- Compatible with industry-specific third party peripherals
- There are terminals that enable an instant wireless LAN so that remote teams can share a single BGAN connection

- Supports both ISDN and a wide range of IP-based solutions, so integrates seamlessly with existing network infrastructure

- Compatible with a wide range of standard networking and connectivity solutions: wireless routers, VPNs, thin-client software, FTP applications and VoIP

- Can be used without a laptop interface

Competitively priced

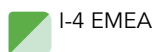
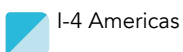
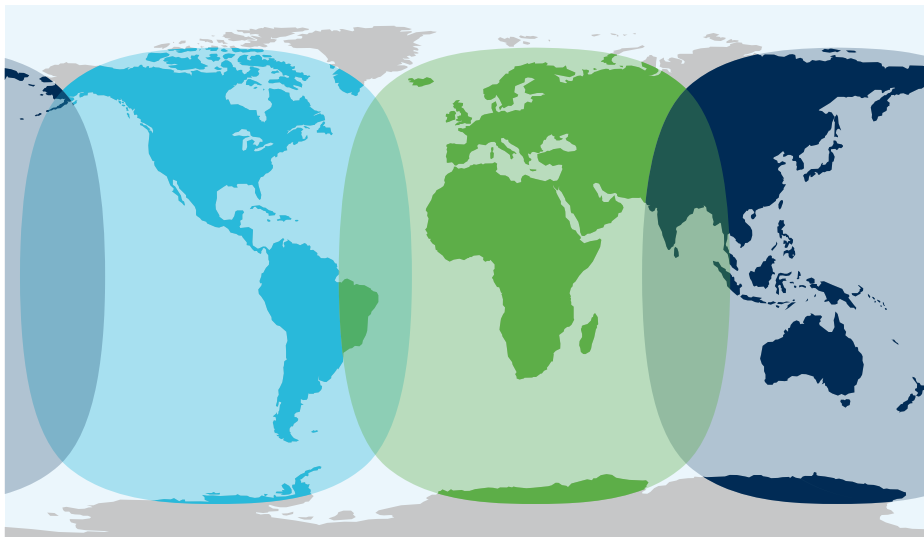
- Significantly lower costs for both terminals and airtime compared with previous mobile satellite services

- No set-up costs

- Can be deployed to more mobile teams, enabling real-time communications from more locations

Coverage

BGAN is accessible worldwide so connectivity for your remote teams is assured.



This 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 Inmarsat distribution partners and service providers in more than 190 countries. Visit our website to find the right partner for your organisation.



inmarsat.com/construction

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