



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 – up to 256kbps – 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

On-site equipment

- BGAN satellite terminal
- BGAN voice handset
- Laptop (MAC or PC)
- Webcams and handheld cameras
- Power adapters AC/DC, batteries, cables
- IP-based hardware and software interoperability solutions

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 speak to headquarters, while sending live video
- Connectivity between headquarters and on-site teams including architects, surveyors, project managers and foremen

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 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

- Supports both ISDN and a wide range of IP-based solutions, so integrates seamlessly with existing network infrastructure
- Switch seamlessly between connection modes
- Compatible with a wide range of standard networking and connectivity solutions: wireless routers, VPNs, thin-client software, FTP applications and VoIP

Competitively priced

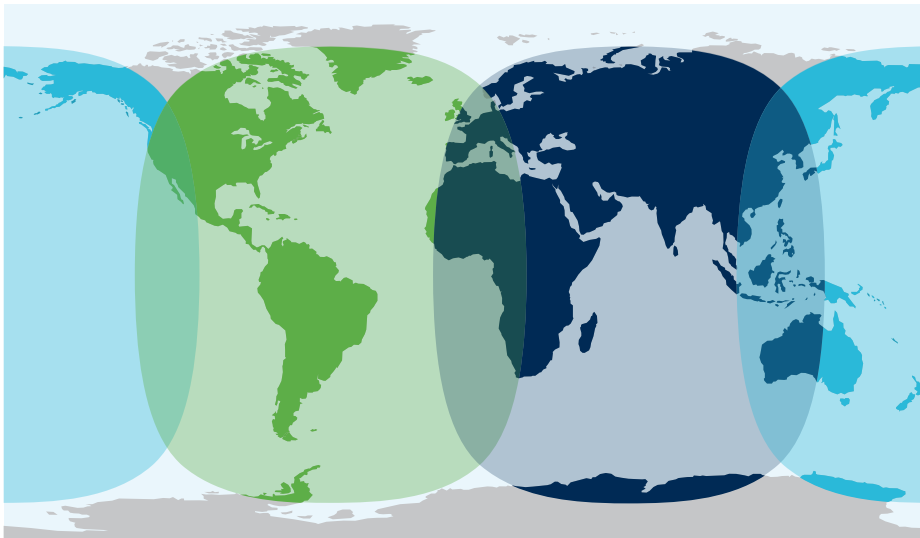
- Significantly lower costs for both terminals and airtime compared with previous mobile satellite services
- Can be deployed to more mobile teams, enabling real time communications from more locations

Global coverage

- BGAN is accessible in Europe, Africa, the Middle East, Asia, North and South America
- One provider for all your remote site voice and data communications needs

Coverage

BGAN is accessible in Europe, Africa, the Middle East, Asia, North and South America.



■ 1-4 satellite F1 ■ 1-4 satellite F2 ■ 1-4 satellite F3 (launch date to be finalised)

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. The launch date of the F-3 satellite will be determined in due course.

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/construction

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