



INMARSAT GLOBAL AREA NETWORK



SUPER SMOOTH INFORMATION FLOW ANYWHERE



Uniquely, the Inmarsat Global Area Network (GAN) gives access both to the high quality and speed of a full 64kbit/s Mobile ISDN service and the world's first global Mobile Packet Data service. For enterprises, this package delivers cost-effective, virtually global communications, providing immediate access to business critical information whenever it is needed. This means anything from high quality voice or wireless ISDN videoconferencing, to high-speed e-mail and 64kbit/s Internet connectivity. It's the natural global extension of an enterprise's Local Area Network (LAN).

Proven reliability

Inmarsat has been delivering effective communication solutions for more than 20 years. Via Inmarsat, customers have access to proven technology and outstanding service reliability.

High speed

A truly mobile office extension, the Inmarsat Global Area Network delivers fast e-mail, Internet access, image transfer and video communications at speeds of up to 64kbit/s.

Compact and convenient

The Inmarsat GAN offers the convenience of a global Mobile ISDN and Mobile Packet Data service in one portable laptop-sized unit.

Compatibility

Mobile ISDN and Mobile Packet Data services integrate seamlessly with the corporate LAN, allowing users to run their existing corporate applications through standard interfaces and protocols.

Cost-effective

Inmarsat customers can choose the most cost-effective service for their needs, be it Mobile ISDN or Mobile Packet Data - allowing 'always on' working.

Global coverage

Inmarsat's GAN provides mobile communication services to 98% of the world's landmass.

Global Area Network in Action

Virtual private networks

Security of your private data on public networks, typically the Internet, can be ensured through a virtual private network (VPN). Privacy can be maintained by coupling data encryption with sophisticated security procedures.

E-mail

Via the Inmarsat Global Area Network users receive reliable, quick and easy access to e-mail whenever and wherever it is needed. This provides continuity of normal working life beyond the reach of terrestrial communications.

Access to the Internet and Intranet

Reliable and fast access to the world-wide web or corporate intranet has become an everyday information and communication need. The Inmarsat GAN seamlessly integrates corporate IT networks and allows users to access their intranet or the Internet at any time they choose, from virtually any location.

Video communication

The world demands 'live' footage of news as it breaks and the business world expects videoconferencing as part of everyday life. The development of high quality digital video via Inmarsat's GAN has opened up new possibilities for broadcasters and enterprises including:

- Store and forward video (M-PEG)
- Videoconferencing
- Video streaming
- Remote surveillance
- Telemedicine

E-commerce

The Inmarsat Global Area Network offers fast, flexible and secure access to 24-hour trading for individuals and organisations throughout the world. E-commerce transcends the traditional limits of time and distance as buyers and sellers receive 'business as usual' from any location at any time.



Key Markets

The Inmarsat Global Area Network provides significant benefits to individuals and organisations in a range of markets.

- **Frontline journalists** can transmit broadcast-quality video/audio, high quality still images and text for delivery of news and short documentaries from virtually anywhere in the world.
- The security of Inmarsat Global Area Network communication allows **government and security** organisations to use the Inmarsat service during sensitive fieldwork.
- **Corporate and business** enterprises benefit from the global extension of their LAN so that they can carry on with 'business as usual' virtually anywhere on earth.
- Via the Inmarsat GAN service, real-time data analysis and exploration planning is provided to the **mining and energy** industries.
- Access to accurate information from plants across the globe provides enormous efficiencies and cost benefits to the **manufacturing** industry.
- **Construction** companies are able to utilise immediate fault diagnosis to resolve problems as they occur.
- The ability to assess test data at a much earlier stage and improved communication between HQ, platforms, pipeline stations and shore bases help reduce costs in the **oil and gas** sectors.

- Via Inmarsat's GAN, **risk management and insurance** providers are armed with direct on-site risk management tools.
- **Aid** organisations are able to provide timely assistance to those in need through efficient resource planning and secure food supplies.

Selecting the Right Service

Mobile ISDN versus Mobile Packet Data

Two services are available via the Inmarsat GAN. Selecting the more appropriate of the two will depend on what you want to send and receive.

- As a general rule, the Mobile ISDN service should be used when transmitting large files or if speed is of utmost importance.
- The Mobile Packet Data service can be more efficient for applications that are interactive in nature such as e-mail, web or intranet access.

Summary

This unique ability to provide a Global Area Network is the only way to extend 'business as usual' on a global basis. Through the integration of IT and mobile satcoms, the Inmarsat GAN provides flexible, immediate access to a range of solutions.



Inmarsat Ltd 99 City Road, London EC1Y 1AX **Customer Services & Operations** Telephone: +44 (0)20 7728 1777 Fax: +44 (0)20 7728 1746 Website: www.inmarsat.com

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