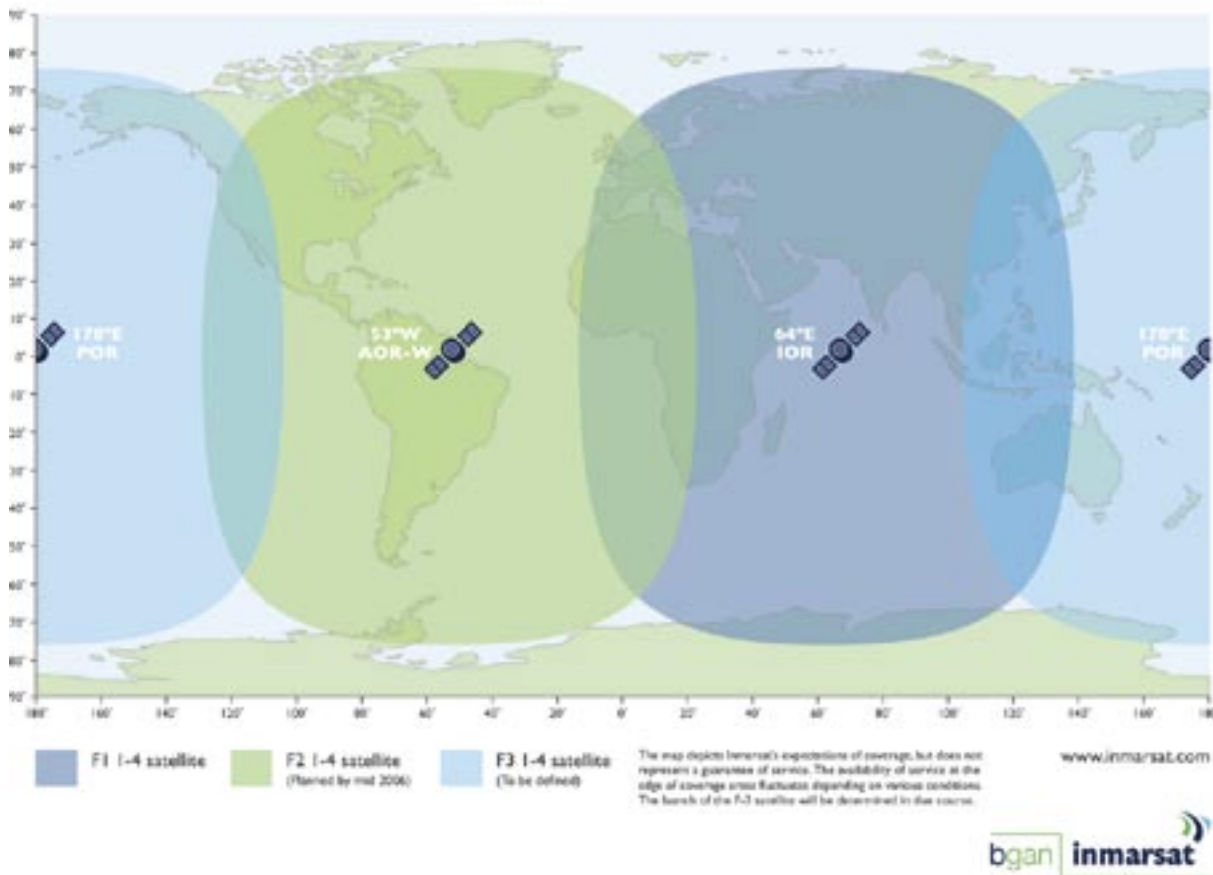


A fully-owned subsidiary of Nera, Nera SatCom is the chief supplier of products and solutions for the Inmarsat satellite system and a leading manufacturer of equipment based on the DVB-RCS broadband via satellite standard.

Nera SatCom AS
Bergerveien 12
1375 Billingstad, Norway
www.neraworld.com

Inmarsat BGAN coverage



BGAN SERVICE SPECIFICATIONS

Network Performance

Reliability	99.9987% target based on 1-3 performance
Coverage	85% of the world's land mass with F1 and F2 satellites

Circuit-Switched Services

Voice	4 kbps AMBE+2 codec
DTMF	Yes
Emergency calls	Yes

Packed-Switched Services

Data transfer	VBR asymmetric
Streaming	CBR symmetric
Electronic mail	Yes
VPN	Yes
Crypto	Yes
Facsimile	IP facsimile
SMS	Yes
Voice over IP	Yes
Video conferencing	Yes

Supplementary Voice Services

Voice mail	Yes
Calling Line Identification Presentation	Yes
Call Forward Mobile Busy	Yes
Call Forward No Reply	Yes
Call Forward Unconditional	Yes
Call Forward Not Reachable	Yes
Call Waiting	Yes
Call Barring	Yes
Call Hold	Yes



BGAN via the NERA WORLDPRO

Delivering Mobile Broadband over Satellite. Globally





A COMPLETE PROPOSITION FROM NERA

Nera provides a complete yet extremely compact set of solutions for BGAN Inmarsat subscribers, delivering flexibility to cater for a wide variety of highly demanding user situations.

Nera WorldPro 1000

The Nera WorldPro 1000 is the smallest and lightest broadband via satellite terminal, still delivering the powerful BGAN service range to users on land. Separable into two units, the terminal enables users to choose between indoor and outdoor use without adding an external antenna. Designed for rough use and with on-box operational indicators, the Nera WorldPro 1000 provides a complete communications solution ready to travel anywhere.

Nera WorldSet

The Nera WorldSet has been developed specifically to exploit the BGAN voice capabilities to the full. The product enables users to profit from the enhanced BGAN voice quality, configure the terminal directly from the handset, and read and write text messages. Hands-free operation is possible via a wired earpiece or the integrated loudspeaker. The handset supports several language interfaces.

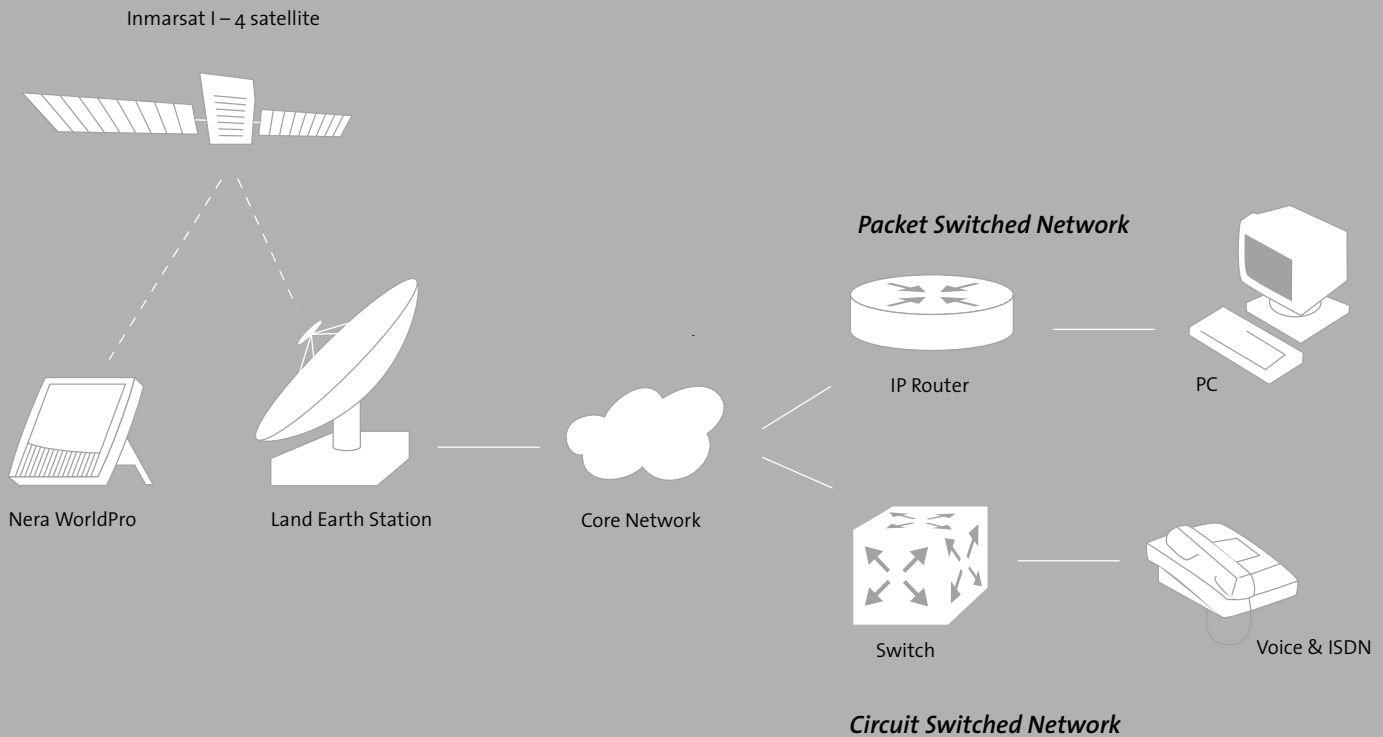
Wireless Options

Equipped with complete bluetooth functionality, users can link up wirelessly to the Nera BGAN land portable terminal, connecting to any Bluetooth-enabled device (computer, handset, PDA).

Accessories

A comprehensive series of accessories is available for users of the Nera BGAN solution, further enhancing flexibility and accommodating specific on-site scenarios. Accessories include;

- Bluetooth handset
- 12 V DC power adapter
- Mounting kits
- Solar panel
- Carrying cases
- Variable-length split cables for split configuration
- In-car charger



BGAN – BROADBAND GLOBAL AREA NETWORK

The first ever mobile broadband via satellite service, BGAN via Inmarsat is created to provide bandwidth of up to half a megabit data rates to virtually every corner of the world.



Ubiquitous And Reliable Broadband

Delivered over Inmarsat's I-4 satellite system, BGAN takes advantage of hundreds of powerful spot beams to ensure global coverage and reliable performance second to none. As a result, users on the move can achieve higher data rates than with any other mobile satellite communications service.

Simultaneous Voice And Data

BGAN serves both to connect a computer to the data network and to set up a voice calls. Both services can be delivered concurrently via the same terminal, or the user can choose to make use of BGAN only as a data "modem" or only for telephony.

Competitive Cost Of Operations

The launch of the BGAN land portable services marks a substantial reduction in cost of usage compared to previous mobile satellite communications services. In fact, the pricing of BGAN is very competitive compared to international roaming charges for cellular services. A variety of service packages offer users the ability to select subscriptions according to their usage patterns.

An Office In Your Pocket

Delivering packet-switched, circuit-switched and streaming services, BGAN provides a truly complete set of applications;

- Voice
- Text messaging
- File transfer
- E-mail
- Access to the Internet and corporate networks
- Video conferencing and video store-and-forward
- Back-up communications infrastructure for highly critical use
- Machine to machine

Easy To Use Wherever You Go

Designed for immediate connectivity anywhere, BGAN delivers a consistent user experience throughout the world. As opposed to terrestrial services, BGAN users do not need to worry about the compatibility of their communications equipment with different standards across geographical regions, hotels or networks.

