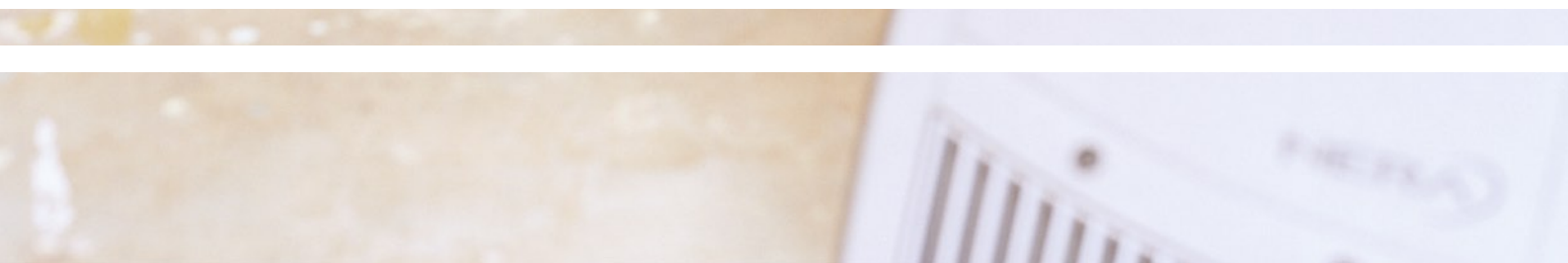


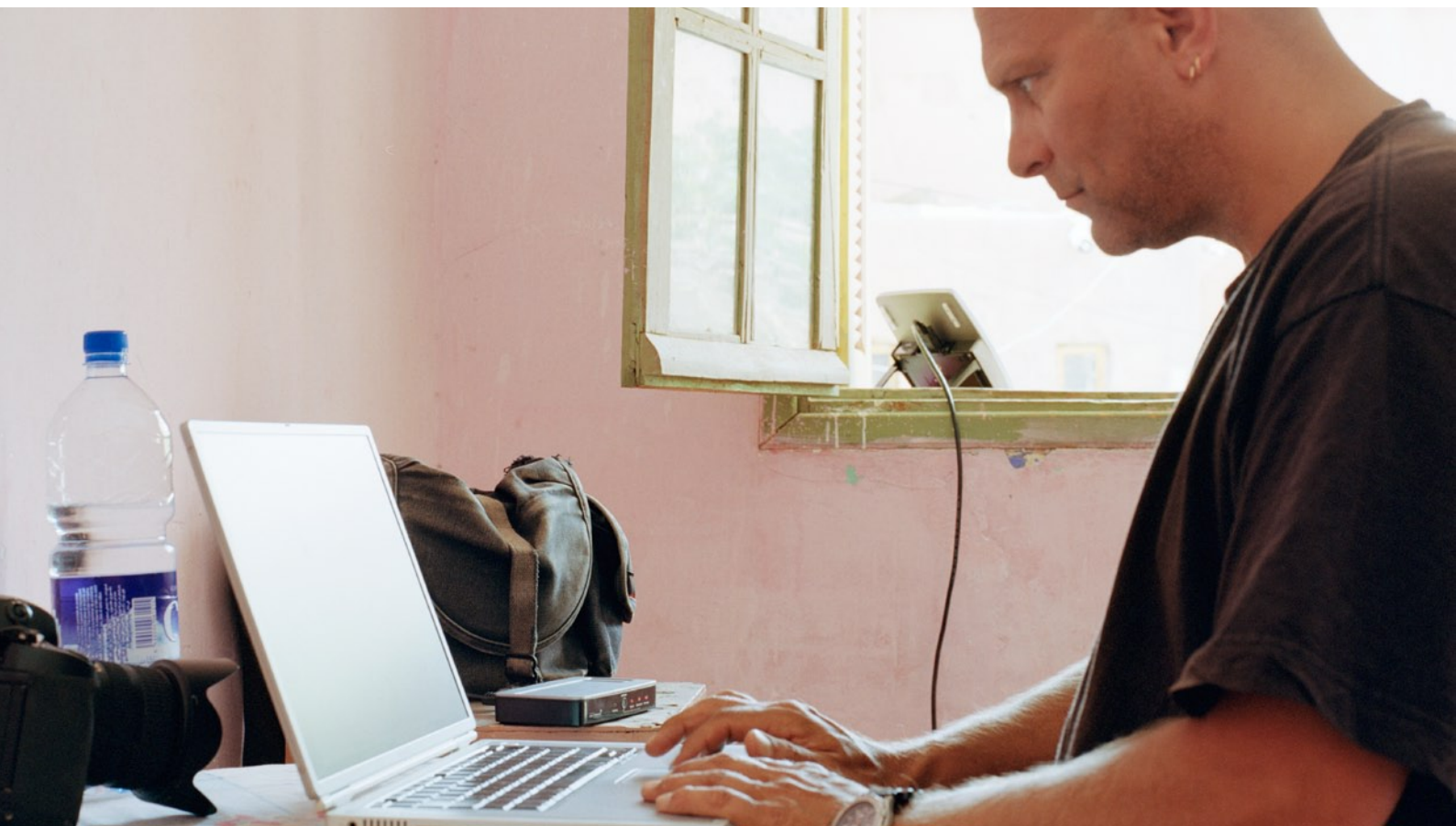


BGAN via the NERA WORLDPRO Delivering Mobile Broadband over Satellite. Globally



The Inmarsat BGAN service provides broadband data and landline-quality voice to users frequently on the move anywhere on the planet. The service is delivered via the Nera WorldPro range, which sets a new standard for satellite communications equipment by combining an exceptionally compact design with highly powerful functionality.





A COMPLETE PROPOSITION FROM NERA

Nera provides a complete yet extremely compact set of solutions for BGAN 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. Handsfree operation is possible via a wired earpiece or the integrated loudspeaker.

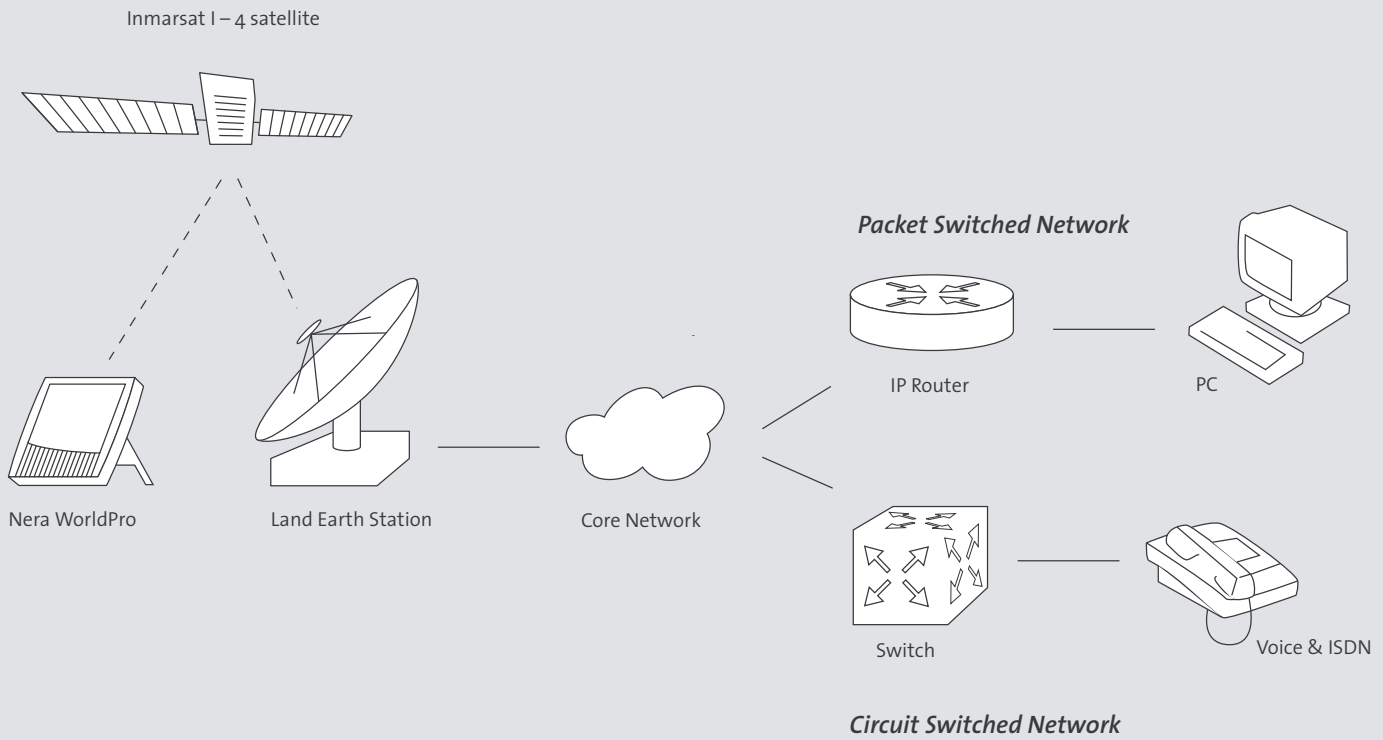
Wireless Options

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
- Windows-mounting kit
- Solar panel
- Carrying case
- Variable-length cables for split configuration
- In-car charger



BGAN – BROADBAND GLOBAL AREA NETWORK

The first ever mobile broadband via satellite service, BGAN 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

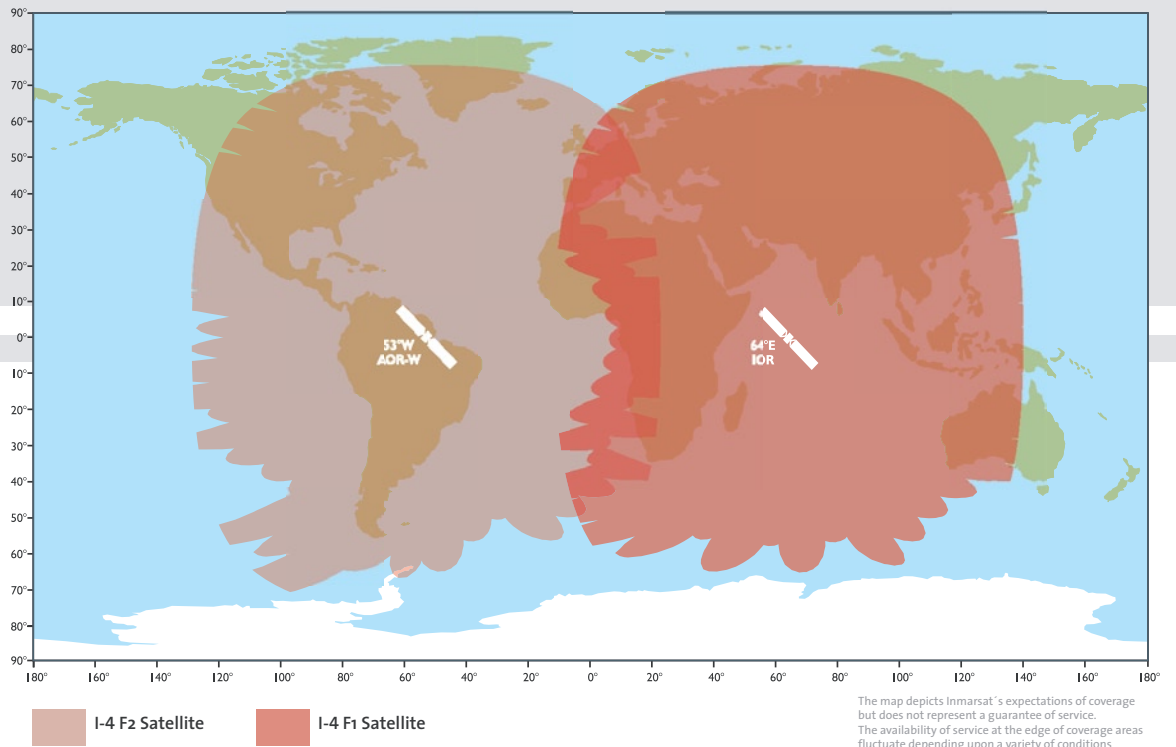
Delivering packet-switched, circuit-switched and streaming services, BGAN provides a truly complete set of applications;

- 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.

INMARSAT I-4 COVERAGE



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

Distributor

BGAN SERVICE SPECIFICATIONS

Network Performance		Circuit-Switched Services	
Reliability	99.9987% target based on 1-3 performance	Voice	4 kbps AMBE+2 codec
Coverage	85% of the world's land mass with F1 and F2 satellites	DTMF	Yes
		Emergency calls	Yes
Packed-Switched Services		Supplementary Voice Services	
Data transfer	VBR asymmetric	Voice mail	Yes
Streaming	CBR symmetric	Calling Line Identification Presentation	Yes
Electronic mail	Yes	Call Forward Mobile Busy	Yes
VPN	Yes	Call Forward No Reply	Yes
Crypto	Yes	Call Forward Unconditional	Yes
Facsimile	IP facsimile	Call Forward Not Reachable	Yes
SMS	Yes	Call Waiting	Yes
Voice over IP	Yes	Call Barring	Yes
Video conferencing	Yes	Call Hold	Yes