Regional BGAN
IP Connectivity across a 144 kbit/s shared channel

Regional BGAN is breaking new ground:
- High speed data communication - up to 144 kbit/s shared channel
- Laptop size, lightweight 1.6 kg satellite modem
- Coverage in up to 99 countries
- Xantic Value Added Services available

The Regional BGAN solution is a high-speed data service via satellite using 144 kbit/s shared channels. Simply connect the satellite IP modem (User Terminal) to a PC or PDA (via Bluetooth, USB or Ethernet interfaces), point the antenna in the direction of the satellite and it's business as usual.

With Regional BGAN, connection to the internet, accessing corporate LANs or exchanging information with other offices is as easy as sitting at your office computer.

What is Regional BGAN?
Regional BGAN provides continuity of normal working life beyond the reach of terrestrial fixed and mobile communication infrastructures. The range of applications supported includes:
- Instant Remote Access to the corporate LAN, maintaining productivity from anywhere within the coverage area.
- VPN Connectivity: connection to a variety of corporate Virtual Private Networks, ensuring end-to-end, reliable and secure high-speed access to information.
- High-Speed Internet Access: reliable and fast access to the Web anytime.
- Email: stay in touch, send and receive information when required.
- File Transfer: share files and collaborate with colleagues, partners and customers.
- Digital Image Transfer: send scanned images of documents and high-quality stills for immediate publication.
- E-commerce: the convenience, immediacy and security of online e-business.
- Database Queries: immediate access to important customer records and critical information.
- Store and Forward Video: ideal for sending video clips.
- Remote IT Support: software upgrades, diagnostics.

Solution Benefits
- High-quality permanent connectivity: seamless service anywhere within the coverage area.
- Productivity: organisations benefit from cost efficiencies.
- Reliability: exceptionally reliable, backed up by 24/7 service, modem extensively tested.
- Security: meeting the requirements of the most demanding users.
- Simple set-up and ease of use: fast set-up and operation.
- Portable: compact and lightweight for easy carriage and transportation.
- Robust: unit designed to operate in extreme weather conditions.
- High-speed: more than twice the speed of the current GPRS terrestrial systems.

Hardware
The Regional BGAN hardware consists of a satellite IP modem called a User Terminal (UT). This lightweight, notebook-sized unit connects the end-user's PC or PDA with the satellite network. The set-up process is identical to connecting to the internet via a standard phone modem: users need no knowledge of satellite or modem operation - just straightforward plug and play. The dimensions of the UT are: 300mm x 240mm x 40mm (11.8” x 9.4” x 1.6”).

Xantic will distribute the Regional BGAN UT in partnership with e-go Solutions from NSSL & TET. All Xantic customers can contact e-go Solutions and purchase the unit directly from them. For details please see the separate factsheet.
Please note that Regional BGAN works exclusively on SIM Cards. These can be purchased directly from Xantic via your Sales Manager, Customer Services, or together with a Regional BGAN terminal from e-go Solutions.

**Infrastructure**

In line with Xantic’s drive to provide a superior network, significant investments have been made in our own POP (Point of Presence). This offers you an excellent and solutions-focused Regional BGAN service.

**Coverage**

Regional BGAN is available in up to 99 countries in the footprint of the Thuraya satellite (number is license dependent: see separate facts sheet for details). The availability is shown in the map below.

How fast is the Regional BGAN service?

Regional BGAN offers data speeds up to 144 kbit/s across a shared channel. The user is offered direct packet-switched access to IP networks.

**Xantic Makes the Difference**

Xantic has already started to optimise the AMOS portfolio for Regional BGAN, adding Least Cost Routing and extra IP-functionality. In addition, partnering arrangements with third parties are being pursued to provide industry-specific applications or value adds. Xantic’s own Access Control Point infrastructure offers seamless connection to our Value Added Service portfolio.

All this means that Regional BGAN is far more than a communications platform alone. It is a fully integrated package, focusing on total solutions.

As well as specialised software applications, Regional BGAN also makes available a range of off-the-shelf applications. The following cost-effective solutions are a mere introduction into what will become possible:

- AMOS products such as AmosConnect and AMOS Mail: high end email solution including up to 35% compression.
- Connections to corporate LAN’s for e.g. Intranet Access and database synchronisation.
- Customisable firewall security for individual users.
- Highest access security with dual user authentication.
- Static and dynamic IP addresses.

**Pricing**

<table>
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<tr>
<th>Description</th>
<th>Price</th>
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<tr>
<td>Price per Mbyte</td>
<td>12,00 USD</td>
</tr>
<tr>
<td>Monthly Subscription Fee</td>
<td>21,00 USD</td>
</tr>
<tr>
<td>Activation Fee</td>
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These prices are valid until December 31, 2003. The airtime price is in Mbyte, but will be charged in one byte increments.

**Customer Services**

For more information visit our website www.xantic.net, send an email to service@xantic.net or contact your sales manager.

Access via Australia

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Access via the Netherlands

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**Xantic’s Regional BGAN Hardware Distribution Partners**

FROM NSSL & TET

Tel: +44 (0)1737 648766
Fax: +44(0)1737 648882

e-mail: scott.mcbride@e-gosolutions.com

www.e-gosolutions.com

e-Go Solutions, the NSSL & TET partnership based in the UK will be the hardware distributor for Xantic. This provides you with the following benefits:
• UK based warehouse - stocks maintained to ensure availability and timely delivery
• Workshop facilities
  - all equipment fully configured and tested prior to despatch.
  - returns and repairs
• Lower cost freight charges to Europe
• Dedicated contact
• Technical help-desk for product support

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Atlas Telecommunications is an U.A.E. based company, representing many world-class global companies, whose abilities and products are complementary. This allows Atlas to provide total solutions to the telecommunications users in the United Arab Emirates and Gulf area.

Benefits for Regional BGAN users include:
• UAE based warehouse - Stock maintained to ensure availability and timely delivery
• Workshop facilities
• All equipment fully configured and tested prior to dispatch
• Returns and repairs
• Lower cost freight charges to middle east
• Dedicated contact
• Technical help-desk for product support

NERA GmbH

Nera GmbH has specialized for 30 years in all kind of landmobile and maritime communication. As reliable partner of globally acting concerns and organizations as well as supplier for expeditions and vessels Nera Germany has become a renowned pioneer in this field.

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