Defence and Security
Unified and integrated solutions
Maritime security is a high priority for every government. Successful maritime surveillance and associated operations deter and control piracy, illegal immigration, smuggling and trafficking in drugs and arms. Many countries have long coastlines and vast expanses of territorial waters that, if left unsecured, leave a country potentially vulnerable to terrorism and organised crime.

Inmarsat has identified components that can be combined to meet the challenging maritime surveillance and operations requirement in a seamless, unified platform. Inmarsat's global mobile satellite communications network is at the heart of the solution to this challenge. Inmarsat can be used as the primary means of fast data transfer for all sensors and is also a highly effective back-up system that can provide resilient communications in the event of the accidental or deliberate disruption of a primary communications network.
FleetBroadband 250
Competitive, Compact, Global

With data speeds up to 284 kbps from a compact, lightweight and simple to install antenna, SAILOR 250 FleetBroadband is the perfect balance between performance and price. It gives you fast data connectivity and voice simultaneously, allowing you to run online operational systems such as remote monitoring, whilst still having access to e-mail, intranet/internet and multiple voice lines.

A world of applications
In addition to complete office communication functionality, VPN and use of IP applications, SAILOR 250 FleetBroadband can be used for dedicated tracking and telemetry applications. This advanced functionality can enhance efficiency by ensuring your support on shore has all the information they need, from real-time engine data for maintenance to position data for fleet tracking and management.

Optimal connectivity
FleetBroadband offers unrivalled global performance and opens up a world of communication possibilities. With SAILOR 250 FleetBroadband you have fast connectivity between your vessel and shore, regardless of location or conditions. You can ensure the smooth running of your business, increase crew welfare by providing easy to manage internet access and voice calling or simply enjoy your time at sea with high quality internet and voice communication always available.

Multiple voice lines
With up to six simultaneous voice lines possible using Inmarsat Multi-voice, an important part of the SAILOR 250 FleetBroadband solution is the Thrane IP Handset. This advanced plug-and-play handset provides an intuitive user interface through a 2.2” TFT colour screen and features cutting-edge technology, such as a state-of-the-art echo cancellation and noise suppression software, for excellent audio clarity.
Explorer 710 HDR

Inmarsat BGAN HDR Service

BGAN HDR (High Data Rate) supports a portfolio of four new streaming rates which look to set a new standard in live broadcasting.

Its full channel option with its significantly increased streaming rate, will deliver a real step-change in video quality which will revolutionise satellite newsgathering within the media sector.

HDR streaming rates

BGAN HDR supports a portfolio of four channel streaming rates including symmetric and asymmetric options so you only pay for the data you need.

Built-in Bonding

You can double the streaming rates by bonding two terminals together, enabling connection speeds over 1Mbps, which was previously only possible on a VSAT uplink.

Cellular failover

BGAN HDR can also be used as a dependable back-up solution to cellular bonding.

Global coverage

BGAN HDR is available across the globe, with the exception of the extreme Polar Regions, providing connectivity wherever your business or operations take you.

Reliable network

BGAN HDR services are delivered via the Inmarsat-4 network, with 99.9 per cent satellite and ground network availability and an operational lifespan expected into the 2020s.

Easy to use

No technical expertise or training is needed to set up and use BGAN HDR. The terminal is plug and play, so you can establish a connection within minutes.

EXPLORER 710

An ultra-portable satellite terminal set to usher in a new era in the world of BGAN by setting new standards for size, speed and features.

Smallest and Lightest

The smallest Class 1 BGAN terminal positioned to support broadcasters in enhancing the quality of mobile outside broadcasting.

Fastest ever BGAN

The first and only BGAN terminal to support the new on-demand streaming service from Inmarsat. With speeds of up to 650 kbps the EXPLORER 710 sets a new standard for mobile video newsgathering.

Bring your own device

The new flagship in the EXPLORER series introduces Smart Phones to the world of BGAN, enabling users to connect their own devices for voice calling and connectivity. Other features includes a USB host interface, hot-swappable batteries, an easy-to-use LED display and multiple interfaces to support a wide range of applications.
IsatPhone 2

Introducing the IsatPhone 2 from Inmarsat, designed for the most reliable satellite communications network in the world.

IsatPhone 2 is our new generation handheld satellite phone that enables you to stay connected in the most extreme and remote locations.

IsatPhone 2 is a tough phone for a rough world. The robust handset has been engineered to cope with anything that nature can throw at you - from searing heat to icy blasts; desert sandstorms or monsoon rain.

Voice clarity is what you would expect from Inmarsat, and call stability on IsatPhone 2 can be trusted with the lowest call dropping rate of any satellite phone.

Ready, reliable, robust - IsatPhone 2 delivers it all.

- Dependable connectivity
- High quality voice
- Rugged design
- Assistance button, call alerts and tracking
- Extended battery capacity

Robust Features

- A powerful, dependable satellite phone delivering high voice quality, voicemail, text and email messaging, and tracking and emergency alert functionality. All packaged in an ergonomically designed rugged handset.

- Ready: fast registration in under 45 seconds, and unrivalled battery life with more than 8 hours talk time and more than 115 hours standby time

- Robust: designed and engineered to withstand the most extreme conditions; operates at -20°C to +55°C; dust, splash and shock resistant (IP65, IK04); humidity tolerance from 0 to 95%

- Safety: receives incoming call notification even with antenna stowed, and tracking and emergency buttons allow accurate location and GPS information-sending for assistance

- Reliable: operates over global geostationary satellites ensuring trusted call stability and reliable network connection with high voice quality

- Accessible: larger keypad for easy dialling when wearing gloves; multiple languages supported and Russian, Arabic and Japanese keypads available
MDN - Mobile Data Node

Combining Inmarsat’s BGAN service with SEA’s MDN delivers a man-portable, global, 3G base station to even the most inhospitable theatres of engagement.

Armed forces across the world continually seek ways to gain and maintain an operational edge over their rivals. To do so, they are increasingly adopting the innovative and disruptive technologies sometimes referred to as the nexus of forces: social interaction, mobility, cloud and information.

Inmarsat has partnered with SEA to deliver into military theatres the technology platform that underpins this innovation. Smartphones and tablets are powerful, versatile tools for information capture, data processing and communications. Mobile apps can rapidly and affordably deliver improvements in operational capability, in areas such as intelligence gathering, combat engineering, logistics, maintenance and battlefield medicine.

The global coverage of Inmarsat’s BGAN service and the exceptional portability and ease of use of both BGAN terminals and the Mobile Data Node make it possible to exploit the full operational potential of these mobile devices.

In combination, BGAN and the Mobile Data Node provide military forces with a portable, easy-to-use and flexible way to maintain their broadband connection wherever they deploy. The Mobile Data Node’s 3g capability generates a “bubble” of cellular network connectivity 1km in diameter, within which users can use their mobile devices and smartphones. This powerful communications capability will enable governments to exploit the full potential of mobile apps to enhance military capability beyond the terrestrial cellular footprint.

Wave PTT

The WAVE PTT solutions enables the unification of disparate devices to interface with each other at an IP application and audio level which allows for cross platform secure tactical voice capability at a global level.

▷ The industry standard, battle-tested communications solution deployed either on customer premise or hosted off site, providing the most trusted mobile workforce solution available today.

▷ Communications interoperability platform optimized for integrating and transporting real-time voice, text and other vital business information securely over any network with connectivity to two-way radio, telephony and other legacy and modern communication systems.

▷ Mobility applications turn smartphones and tablets into an effective communication device while desktop and web communication applications that unify communications among teams of workers, whether in their office or mobile and even working over satellite networks.
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