THURAYA

Product Portfolio

Thuraya IP+

Thuraya IP Commander

Thuraya IP Voyager

Thuraya XT

Thuraya XT-Hotspot

Thuraya SatSleeve

Thuraya Atlas IP

Thuraya Orion IP

SF2500

Seagull 5000i

Thuraya *IP+* PLUS

Light, Speed. Everywhere.

Compact, light
and faster
than ever

When you need superior mobility with zero compromise on connectivity, there can only be one choice: Thuraya IP+. The high-speed IP capabilities of Thuraya IP+ enable users to access corporate networks, browse the Internet, connect with colleagues, family and friends via email and social media, and hold video conferences or chat over VoIP solutions - wherever and whenever they need it.

Delivering the highest throughput in its size class, Thuraya IP+ can be easily deployed from backpack to broadband in a matter of seconds - allowing you to take advantage of reliable broadband access from locations covered by Thuraya's congestion-free satellite network.

Offering portability and 'always-on' mobile broadband access, Thuraya IP+ is the preferred satellite broadband solution for a wide range of mission-critical operations such as broadcast media, defense, telemedicine and disaster response, especially for deployment in areas that are inadequately served by terrestrial networks. With Thuraya IP+, broadcasters are also equipped with high-speed streaming connections to ensure that their video feeds can be transmitted back to their studios in the most optimized manner.

Key features of Thuraya IP+

Compact and lightweight

Smaller than the size of a regular laptop and weighing only 1.4kg, Thuraya IP+ is one of the most compact and portable broadband terminals available in the market - allowing users to achieve optimum performance without an external antenna. The plug-and-play features of Thuraya IP+ further ensure a hassle-free experience, wherever your mission takes you.

Durable and dependable

Thuraya IP+ holds the globally recognized IP55 Ingress Protection Rating which provides protection from dirt, dust, water, oil and other non-corrosive materials to withstand the harshest environments.

High-speed streaming capabilities

Engineered to support bandwidth-intensive applications, Thuraya IP+ provides the fastest IP speeds for a satellite broadband terminal of its size - ready for connection in any location covered under the Thuraya satellite network, with speeds of up to 444kbps on standard IP and 384kbps on streaming IP with an integrated antenna.

Optimized bandwidth usage

Thuraya IP+ can be configured with asymmetric streaming to allow you to set upload and download speeds at different rates based on your usage requirements, helping to significantly reduce bandwidth costs. With Thuraya IP+, users have the flexibility to address on-demand consumption, such as utilizing a higher bandwidth to facilitate remote reporting.

Congestion-free network

Our satellite network's dynamic resource allocation minimizes any signal congestion in areas where there are high volumes of communication traffic, ensuring that you stay connected when it matters most.

Unlimited data usage plan

With the unlimited data usage plan, users can conduct video conferences, file transfers and other high-bandwidth applications at a fixed monthly rate, at no unexpected costs.

Unleash blazing
performance
in a compact
package

1. Power up the Thuraya IP+

2. Position the unit and wait for the satellite lock

3. Optimize signal strength to enjoy unprecedented performance

Thuraya IP+ technical specifications

Physical Characteristics	
Weight	1.4 kg (terminal and battery)
Size	216mm x 216mm x 45mm
Packet Data Services	
Streaming IP	384 kbps
Standard IP	444 kbps
Tolerances	
Operating Temperature	Running from external supply: -25ºC to +55ºC
	Running from battery: 0ºC to +50ºC
Storage Temperature	Including battery: -20ºC to +60ºC
	Excluding battery: -25ºC to +80ºC
Operating Humidity	95% RH at 40ºC
Mechanical Vibration	200-2000 Hz, 0.3 m²/s³ MIL-Spec 810B
Unpacked Drop	0.5 m on concrete surface
Ingress Protection	IP55 Standard
Compliances and Certifications	
	CE, EMC 301 444, 301 489, IEC 60950

Power	
External Power	*Main power supply adapter, 100-240 V AC at 50-60 Hz*
Output Voltage	*19 volt DC, 3.4 amps*
Battery	
Battery Life	*Up to 36 hours' standby time*
	1 hour of continuous transmission at the highest rate
Battery Type	*Lithium-Ion*
Interfaces	
Connectors	*Ethernet (RJ-45)*
User Interface	*Web-based graphical user interface accessible via standard web browser*
External Antenna Connector	*GPS and only one antenna connector*
WLAN Connectivity	*IEEE 802.11 b/g/n standard with:* *- WEP, WPA and WPA2 encryption* *- SSID broadcasting control* *- MAC address filtering* *- DHCP*

Thuraya IP Commander

The toughest vehicular satellite terminal for any terrain

Thuraya IP Commander

For communications-on-the-move (COTM) and connectivity in the harshest terrains, there is only once choice: Thuraya IP Commander. It is a uniquely designed, ruggedized terminal with a MIL-SPEC feature set that has been engineered to enable mission-critical voice and data connectivity in the most extreme conditions.

Simple, quick and easy-to-install on any vehicle, data and voice connectivity can be achieved within minutes, providing reliable broadband access within locations covered by Thuraya's satellite network that covers the global strategic hot zones.

IP Commander is ideal for military, government and civil defense applications. It facilitates vital communications at high speeds, essential for C4ISR, blue-force tracking, logistic management and tactical command. Offering IP data speeds of up to 444kbps, it is the only MIL-SPEC vehicular terminal capable of achieving streaming IP speeds of up to 384kbps as well as user definable asymmetric streaming functionality.

Thuraya IP Commander

The MIL-SPEC terminal connectors and chassis allow it to withstand the toughest physical conditions, including protection from dust and water. The package includes a rugged voice handset that offers clear and uninterrupted voice connectivity across Thuraya's satellite network.

IP Commander enables mission-effective operations. It facilitates secure and reliable real-time two-way communications for effective communication between HQ command and deployed units. IP Commander is easily integrated with Thuraya-certified solutions, such as video surveillance, video conferencing and TETRA over IP. It also enables connectivity and interoperability over a wide range of communication platforms, providing network access, email/file transfer as well as supporting secure communications using standard government-approved IP encryption devices.

Features

Solid and dependable

Thuraya IP Commander is purpose-built for use in vehicles. The satellite terminal has MIL-SPEC connectors and a chassis that is able to withstand the harshest treatment.

Easy installation

Thuraya IP Commander is built for comms-on-the-move and can be easily installed in any vehicle. The antenna with its magnetic feet can be fitted in seconds and vehicular satellite unit has simple plug-and-play features that enable a swift mission deployment. It can also be transitioned into fixed installation scenarios in minutes, suiting applications in military encampments and emergency response sites.

Voice and IP

The terminal boasts a robust voice handset that that offers clear and uninterrupted voice connectivity across Thuraya's highly reliable voice network. Our data network offers IP broadband speeds of up to 444kbps whilst on the move or on the pause.

High-speed streaming capabilities

Thuraya IP Commander is the only ruggedized terminal in the market capable of achieving streaming IP speeds of up to 384kbps.

Asymmetric streaming

Thuraya is the first mobile satellite services operator to provide asymmetric streaming capabilities for all our broadband devices. Thuraya IP Commander can be configured to allow users to manage their upload and download speeds to match their usage and ensure significant savings.

Unlimited data usage

With the IP Unlimited data plan, users can conduct all field operations, including video conferences, file transfers and other high-bandwidth applications at a fixed monthly rate, with no additional costs.

Congestion-free network

Our satellite network's dynamic resource allocation minimizes any signal congestion in areas where there are high volumes of communication traffic, ensuring that you stay connected when it matters most.
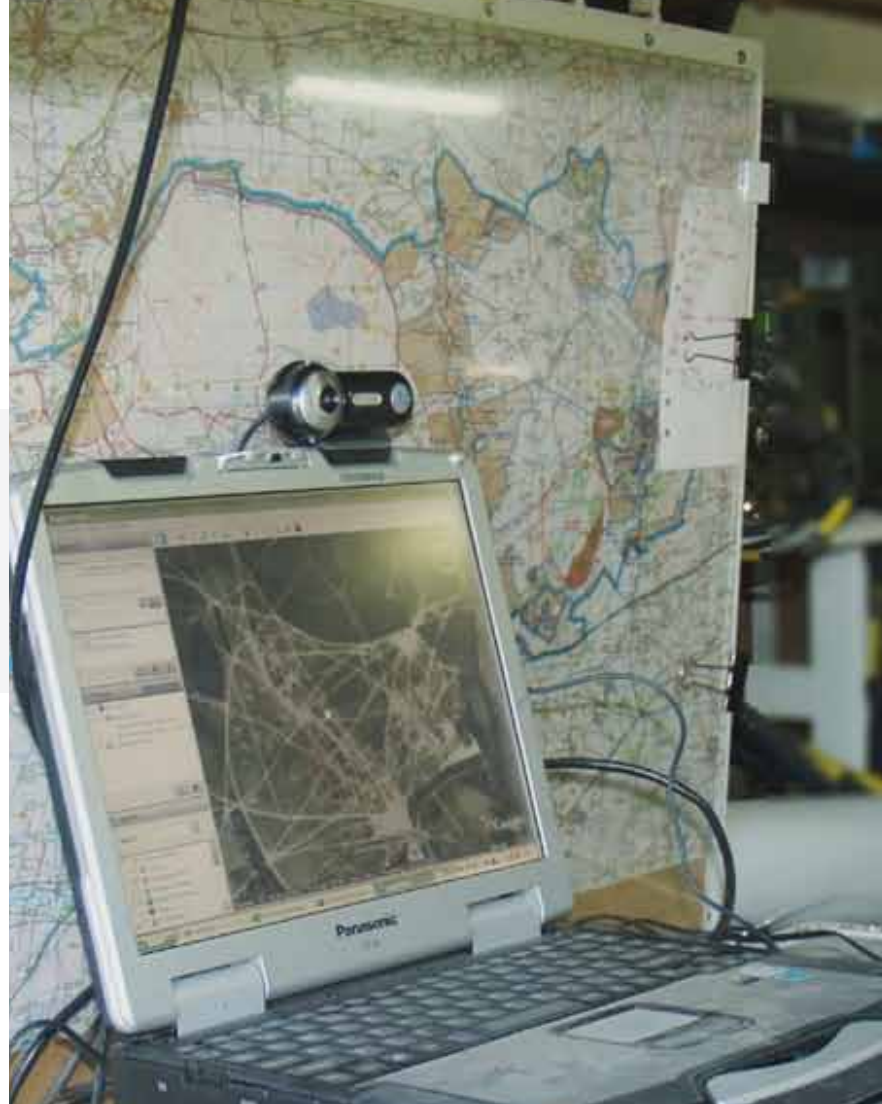
Solutions

Thuraya understands that the key to a great solution is not simply the network, the terminal nor the software package. It is the integration of all of these elements to create a holistic solution that combines our partners' software expertise with our delivery of services.

Thuraya and its partners provide solutions that solve problems for remote users. Typical solutions include video surveillance, encrypted communications and instant messaging.

Thuraya IP Commander is ideal for mission-critical operations where rapid response is of the essence, helping to save lives and facilitate operations in the field.

Product
Applications

Encryption

- Use encryptors to guarantee the confidentiality, integrity and authentication of your mission critical data
- Sector: Government

- Solution:

Video surveillance

- Use video surveillance coupled with IP streaming services to provide real-time high quality video during border patrol or monitoring operations
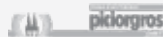- Sector: Government and Energy

- Solution:

PTT (Push to Talk) or RoIP (Radio over IP)

- Use voice devices such as radio and TETRA to transmit to closed user groups
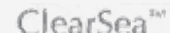- Sector: Government and Energy

- Solution:

Video conferencing

- Use video conferencing to provide mission updates, meetings and situational awareness
- Sector: Government and Energy

- Solution:

Technical Specifications

TECHNICAL SPECIFICATIONS	
Data rates:	Standard IP up to 444kbps, Streaming IP up to 384kbps
Connectors:	1 x Ethernet, 1 Voice
WLAN connectivity:	IEEE 802.11 b/g/n with WPA2 encryption
Satellite Terminal	
Dimensions:	71mm x 152mm x 313mm (HxWxD)
Weight:	2.9 kg
Main power input:	12-24V DC
Mechanical vibration:	MIL-STD-810G and MIL-STD-202G
Antenna	
Weight:	2.0 kg
Dimensions:	252mm x 119mm
IP rating:	IP56
Package includes	
Thuraya IP Commander terminal	
Tracking antenna, 6meter RF cable, power cable, magnetic mounts	
User Guide and Installation Guide	

Key Benefits

- MIL-SPEC ruggedized satellite terminal with tracking antenna
- Easy to install
- Voice (Circuit switched)
- IP data up to 444kbps
- High-speed streaming IP speeds up to 384kbps
- Asymmetric streaming
- Secure Wi-Fi access point
- Unlimited data usage

Thuraya IP Voyager

For quick connectivity on-the-move, look no further

Thuraya IP Voyager

For Communications-On-the-Move with zero compromise on connectivity, there can only be one choice: Thuraya IP Voyager. Simple, quick and easy to install on any vehicle, connectivity to the internet can be achieved within minutes, providing reliable broadband access within locations covered by Thuraya's congestion-free satellite network.

Work. Email. Surf. Skype. Facebook. Anywhere. On-the-Move.

Thuraya IP Voyager is a reliable, high-quality and affordable vehicular satellite terminal designed for a wide range of mission-critical on the move operations such as border patrol, defense and disaster response in areas inadequately served by terrestrial networks. The terminal enables users to collaborate reliably and efficiently with colleagues using video, data and VoIP to achieve mission-critical tasks, where failure is not an option.

Designed to operate at IP broadband speeds of up to 444kbps, Thuraya IP Voyager is the only vehicular terminal in the market capable of achieving streaming IP speeds of up to 384kbps as well as user definable asymmetric streaming.

Features

Easy installation

Thuraya IP Voyager is built for comms-on-the-move and can be easily installed in any vehicle. The antenna with its magnetic feet can be fitted in seconds and vehicular satellite unit has simple plug-and-play features that enable a hassle-free experience, enabling swift mission deployment.

Durable and dependable

Thuraya IP Voyager has been purpose-built for use in vehicles. The vehicular satellite unit has a rigid chassis with internal components that can withstand the potential of a high vibration environment. The antenna holds an IP56 Ingress Protection Rating – a globally recognized standard from the International Electrotechnical Commission – which provides protection from dirt, dust, water, oil and other non-corrosive materials to withstand the harshest environments.

High-speed streaming capabilities

Boasting speeds of up to 444kbps while on the move, Thuraya IP Voyager is the only terminal in the market capable of achieving streaming IP speeds of up to 384kbps.

Asymmetric streaming

Thuraya is the first mobile satellite services operator to provide asymmetric streaming capabilities for our broadband devices. Thuraya IP Voyager can be configured to allow users to manage their upload and download speeds to match their usage and ensure significant savings.

Unlimited data usage

With the IP Unlimited data plan, users can conduct all field operations, including video conferences, file transfers and other high-bandwidth applications at a fixed monthly rate, with no additional costs.

Congestion-free network

Our satellite network's dynamic resource allocation minimizes any signal congestion in areas where there are high volumes of communication traffic, ensuring that you stay connected when it matters most.
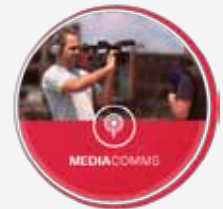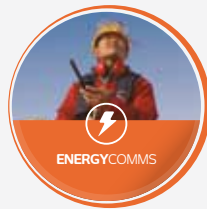
Solutions

Thuraya understands that the key to a great solution is not simply the network, the terminal or the software package. It is the integration of all of these elements to create a solution that combines our partners' software expertise with our delivery of services.

Thuraya and its partners provide solutions that solve problems for remote users.
Typical solutions are VoIP, internet optimization, video conferencing and instant messaging.

Thuraya IP Voyager is ideal for mission-critical on-the-move operations where rapid response is of the essence, such as emergency and disaster response where these solutions potentially help to save lives.

Thuraya IP Voyager is ideal in serving the following sectors:

GOVERNMENTCOMMS   RELIEFCOMMS   ENERGYCOMMS   LEISURECOMMS   MEDIACOMMS
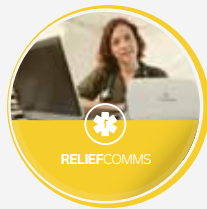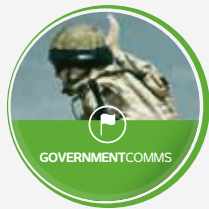
Product
Applications

VoIP

Enabling secure, cost efficient calls for your field members.

Sector: Government, Energy, Leisure, Relief and Media

Solution: vocality   AXIA   horizon

Video conferencing
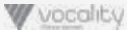
Use video conferencing to provide mission updates, meetings and situational awareness.

Sector: Government, Energy, Leisure, Relief and Media

Solution: digigone SCOTTY Librestream

Video surveillance

Use video surveillance coupled with Thuraya IP streaming services to provide real-time high quality video during border patrol operations.

Sector: Government and Energy

Solution: Hawkeye SCOTTY

GSM backhauling

Thuraya GSM allows users to use voice, text and GmPRS services from their own GSM phone across Thuraya's satellite network.

Sector: Government, Energy, Leisure, Relief and Media

Solution: Thuraya GSM

Telemedicine

Use wireless and wearable communication devices that transmit video images in real-time as well as have a conversation with another user located offsite to provide remote medical assessment and advice.

Sector: Government and Relief

Solution: AUDISOFT digigone Librestream
Share your vision

Outside broadcast

To be the first to break the story, journalists and field teams need to be able to instantly connect to their newsrooms from anywhere, ensuring that breaking news can be reliably transmitted as it unfolds.

Sector: Media

Solution: QuiWay QUICKLINK Streambox livewire
Makes it happen

Technical
Specifications

Data rates	Standard IP up to 444kbps Streaming IP up to 384kbps
Connectors	4 PoE ports (limited to 30W max for 12V and 60W max for 24V installations)
WLAN connectivity	IEEE 802.11 b/g/n with WPA2 encryption
Mechanical vibration	200-2000 Hz, 0.3 m²/s³ MIL-Spec 810B

BDU (Below Deck Unit)	
Weight	2.3 kg
Dimensions	46 mm(H) x 281 mm(W) x 233 mm(D)
Main power input	10-32 Volt DC, 70W max (7A max)
Mechanical vibration	200-2000 Hz, 0.3 m²/s³ MIL-Spec 810B

Antenna	
Weight	2.0 kg
Dimensions	252 mm x 119 mm
IP rating	IP56

Package includes
Thuraya IP Voyager BDU
Tracking antenna, 6 meter RF cable, power cable, magnetic mounts
User Guide and Installation Guide
Note: The cable length can be changed, but the maximum loss must be less than <10 dB at 1.6 GHz.

Key Benefits

- Dedicated vehicular terminal with tracking antenna
- Easy to install
- High-speed streaming speeds up to 384kbps
- Asymmetric streaming
- Unlimited data usage
- Supports wireless connectivity to multiple internet-enabled
  devices (e.g. iPhone, Android, tablets, laptops, etc.)
- Secure Wi-Fi access point

Thuraya XT

The toughest
satellite phone

The world's toughest satellite phone

Thuraya XT is the only satellite phone in the world to meet the industry's highest criteria for splash resistance, dust resistance and shock proofing. Combining the reliability of its unparalleled phone functionality, with the dependability of Thuraya's superior network, Thuraya XT ensures you stay close.

Wherever you are within Thuraya's extensive coverage area, however remote the location, Thuraya brings you close to where you need to be.

Thuraya XT is ideal for anybody who moves around in areas where local networks are unreliable or non-existent. Its extremely durable design makes Thuraya XT ideally suited for use in tough environments, where other satellite phones cannot operate.

Thuraya XT
keeps you closer

Rugged design: Built to exacting standards and using the latest durable polycarbonates for the outside case, it is quite simply, the most durable satellite phone in the market. Thuraya XT's IP54/IK03 rating is a globally recognised standard from the International Electrotechnical Commission, meaning it is splash resistant, dust resistant and shock-proofed.

Dependable battery life: Thuraya XT's durable battery provides up to 6 hours' talk-time and up to 80 hours' standby time.

Glare resistant display: For easy readability in direct sunlight, no matter how bright the conditions are.

Internet-on-the-go: The handset's GmPRS capability means you can easily send/receive emails and browse the web with your laptop or PC from anywhere.

Thuraya XT, the world's toughest satellite handset – stay close.

Thuraya XT
Key Features

- Satellite telephony

- IP54/IK03 standard

- Glare-resistant display with high contrast menu for easy readability in direct sunlight

- Advanced omni-directional antenna ensures an uninterrupted signal during non-stationary calls, offering a 'walk and talk' experience

- GPS functionality for waypoint navigation

- Messaging via SMS, email and fax

- Battery-saving technology - brightness sensor for the display to reduce battery consumption

- Organizer including calendar, world time and alarm functions

- Emergency function

- Works with Thuraya SIM card or with GSM SIM card (more than 300 Roaming partners worldwide)

Thuraya XT
Specifications

SAT

LONG-LASTING
BATTERY

GmPRS

GPS

SHOCK-PROOF

IP64/IK03 STANDARD

DUST PROTECTED

SPLASH WATER RESISTANT

Size	128mm x 53mm x 26.5mm (hxwxd)
Weight	193g
Display	2"/262K outdoor colour display
GmPRS down/up speed	up to 60/15 kbps
Fax and data	9.6 kbps
Battery life	Talk time up to 6 hours* Standby time up to 80 hours*
PC compatibility	Windows 7, Windows Vista and Windows XP
External interfaces	Data cable (UDC) with USB connector, ear jack, DC power
Languages	Arabic, Chinese**, English, Farsi, French, German, Hindi, Italian, Russian, Spanish, Turkish, Portuguese and Urdu

*Depends on phone usage
**Additional software available

Thuraya XT-Hotspot

The world's fastest Wi-Fi connection via satellite phone
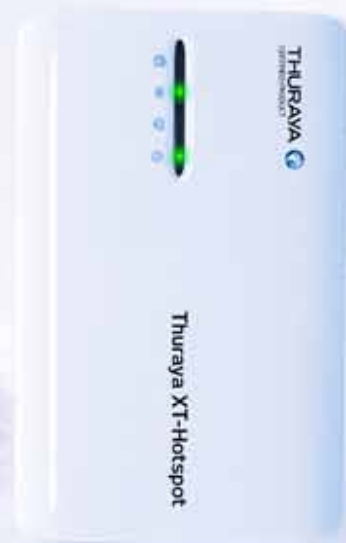
Affordable Internet Access From Smartphones, Tablets & Laptops

Thuraya XT-Hotspot is a pocket-size router that creates a Wi-Fi zone for multiple users to connect smartphones, laptops and tablets to the internet over Thuraya's mobile satellite network. The XT-Hotspot is the only Wi-Fi router on the market offering a plug and play solution enabling easy and affordable internet access with the fastest satellite data speeds of up to 60 kbps in the most remote of areas.

The XT-Hotspot uses the GmPRS connection of Thuraya XT for quick and secure satellite internet access. As a result, no additional software needs to be installed. Users can switch on the hotspot and browse within seconds! It is easy, reliable and economical.

Applications:

- Supports communication needs of NGOs, adventurers and travelers in areas beyond GSM coverage
- Remote office setups
- Offshore corporate ventures
- Ships seeking internet access

Easy. Simple.
Perfectly Portable.

Smartphone

Tablet

Laptop

Thuraya XT-Hotspot

USB Cable

Connect multiple wireless devices including your Smartphones, laptops and tablets. It's a plug and play product without any need to install software.

Key Features

Simple & seamless connections.

By connecting your Thuraya XT to the XT-Hotspot router, the router creates a Wi-Fi zone of up to 30 meters, where multiple users can simultaneously access the internet seamlessly from their laptops or smartphones. The XT-Hotspot is the only Wi-Fi router on the market offering a plug and play solution enabling easy and affordable internet access with the fastest satellite data speeds of up to 60 kbps in the most remote of areas.

Secure. Reliable. Affordable.

The XT-Hotspot offers secure satellite internet access from smartphones, tablets and laptops at affordable rates.

The router provides a wireless access point to the internet by simply connecting a Thuraya XT satellite phone with a small and compact hotspot router. Almost immediately, users can browse the internet or use email service from their smartphones and laptops, connected wirelessly to the hotspot.

Flexible, even in the remotest of areas.

The XT-Hotspot is ideal in offering quick, reliable internet connections even in the remotest of areas. It is designed for field and mobile office setups, minimizing management and operating costs.

Stay connected on social media wherever you are.

No matter how far you go, stay virtually connected to your world. Thuraya XT-Hotspot provides instant and convenient access to social media networks including Skype, Facebook, Twitter and YouTube from your iPhone or smartphone, regardless of your location.

Technical Specifications

Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless signal rates	11n: Up to 150Mbps (dynamic) 11g: Up to 54Mbps (dynamic) 11b: Up to 11Mbps (dynamic)
Frequency range	2.4-2.4835GHz
Security	WEP, WPA-PSK/WPA2-PSK
Interface	1 10/100Mbps LAN Port, USB 2.0 Port for Thuraya XT , a micro USB Port for power supply.
Power adapter	Input: 110/220 Volt, Output: 5 Volt, 1A
Operating temperature	15°C to 40°C
Storage temperature	-20°C to 50°C
Operating humidity	0% to 75%, non-condensing
Storage humidity	0% to 75% non-condensing
Certifications	CE, FCC, RoHS

Thuraya Sat Sleeve

Transform your phone into a satellite smartphone

Bring satellite
communications
to your smartphone

The perfect blend of mobility and simplicity, Thuraya SatSleeve is the smartest, fastest and simplest way to transform your phone into a satellite smartphone. Thuraya has developed two SatSleeve models; the SatSleeve for the iPhone and the SatSleeve for Android.

The Thuraya SatSleeve packs a whole lot of innovation into a sleek and elegant form factor. It supports the diverse communications needs of smartphone users - from corporate and NGO users to frequent travelers and adventurous explorers.

Stay connected with your loved ones through phone calls, emails and text messages. You can also access your favorite applications such as Facebook, LinkedIn, Twitter, WhatsApp, and many more via satellite. Thuraya SatSleeve revolutionizes the way you communicate. Simply dock your smartphone into the SatSleeve to put the entire world within reach.

Broaden the horizons of your smartphone with Thuraya SatSleeve, which enables you to stay connected with the device you are most familiar with.

Features

Calls and text messages in satellite mode

Expand the horizons of your smartphone and use it in satellite mode whenever there is no terrestrial network available.

Email on the go

Send and receive emails in satellite mode, no matter where you are.

Take your favorite Apps with you

Access your favorite apps such as Facebook, WhatsApp, Twitter and many more via satellite mode, so you can surf, chat and update your status in places that are beyond terrestrial network reach.

Compatibility with the iPhone and Samsung Galaxy

Add a reliable satellite connection to your iPhone and your Samsung Galaxy, wherever you go. The SatSleeve App is available as a free download from both the Apple App Store and Google Play.

User-friendliness

Simply dock your smartphone into the SatSleeve to enjoy satellite connectivity. Available in 12 languages, the user-friendly SatSleeve App allows you to easily integrate your smartphone's address book with a swipe of your fingertips.

Enhanced safety features

Thuraya SatSleeve comes equipped with an SOS call button - you can make a phone call to one predefined number even without your smartphone docked.

Supported by the most robust and powerful satellite network

Thuraya's satellite network is renowned for having the most reliable satellite coverage that covers approximately 161 countries or two-thirds of the globe. With the high penetration alerting capability (HPA), Thuraya SatSleeve enables you to receive a call notification even with the satellite antenna stowed, keeping you connected at all times.

Adaptors for the iPhone and Samsung Galaxy

Thuraya has developed a set of adaptors for the different iPhone and Android models. For a list of available adaptors please visit www.thuraya.com.

How it works

1. Download the SatSleeve App from the Apple App Store (iPhone model) or from Google Play (Android model)

2. Dock your smartphone into the SatSleeve

3. Enjoy calls, messages, emails and access your favorite Apps in satellite mode mode

Technical Specifications

	SatSleeve iPhone	SatSleeve Android
Dimensions	*Main unit: 138 x 69 x 20 mm (h x w x d)*	*Main unit: 138 x 69 x 20 mm (h x w x d)*
	iPhone 5/5s Adaptor: 142 x 69 x 13 mm (h x w x d)	*Galaxy S4 Adaptor: 140 x 72 x 14 mm (h x w x d)*
Weight	*Main unit: 178 g (with battery)*	*Main unit: 178 g (with battery)*
	iPhone 5/5s Adaptor: 49 g	*Galaxy S4 Adaptor: 37 g*
Smartphone adaptors	*The standard package comes with an adaptor for iPhone 5/5s.* *Adaptors for other iPhone models are available separately.*	*The standard package comes with an adaptor for Samsung Galaxy S4.* *Adaptors for other Samsung Galaxy models are available separately.*
Connectivity	*3.5 mm jack for headset*	
	Micro USB for charging and upgrade	
	DC charging jack	
Battery	*3.7V Li-ion, 2440 mAh*	
Stand-by time	*Up to 36 hrs*	
Talk time	*Up to 3 hrs*	
Satellite data speed	*Download 60 kbps, Upload 15 kbps (GmPRS)*	
Power supply	*Output DC 5V / 2.0A (with EU/UK/CN/AUS adapters)*	
Operating temperature	*-10 to +55 ºC*	
Storage temperature	*-20 to +70 ºC*	
App languages	*Arabic, Bahasa Indonesia, Chinese (simplified), English, French, German, Italian, Japanese, Korean, Portuguese, Russian and Spanish*	

Thuraya Atlas IP

High-speed connectivity on the high seas

Thuraya Atlas IP

Thuraya has, in a short space of time, built a reputation as a leading provider of maritime communications services, combining high quality hardware and competitive airtime prices with a powerful, reliable satellite network.

Our commitment to the maritime market has been further extended with the release of Thuraya Atlas IP, a new broadband terminal specifically designed to deliver added value to end-users seeking enhanced connectivity and greater operational efficiency onboard ship.

Atlas IP provides merchant maritime, fishing, government and leisure users with a purpose-designed, fully-featured maritime satellite terminal that supports voice and broadband IP data connectivity at speeds of up to 444kbps.

Atlas IP delivers superior performance compared to competing maritime terminals, but with a higher specification and at a lower cost.

For shipowners and operators who value innovation alongside value and flexibility, Atlas IP represents an opportunity to take advantage of a true broadband terminal that can act as a central shipboard hub.

Network and Pricing

Thuraya Atlas IP is available with attractive and flexible pricing plans designed for the maritime sector which provide users with exceptional value and choice. A series of post-paid plans enable users to choose from high volume, low usage or VSAT backup options to suit their individual requirements.

Thuraya airtime is the most competitively-priced in the maritime market, enabling users to take advantage of value-added services to enjoy fast and simple connections, across our footprint.

Our powerful L-band satellite network can dynamically assign capacity where and when it is needed, providing a service that covers approximately 60 percent of the world's busiest ports and shipping lanes.

Product Overview

Manufactured for Thuraya by Addvalue Innovation, Atlas IP is a dedicated maritime satellite terminal, supporting voice and broadband IP data connectivity.

Thuraya Atlas IP provides voice and broadband IP data connectivity at speeds of up to 444kbps and asymmetric streaming at 16kbps-384kbps.

The terminal features improved power efficiency, a smaller form factor and greater versatility than rival maritime broadband products. The terminal features a single cable connection to the stabilised antenna, direct bulkhead mounting and built-in Wi-Fi.

It also includes a range of features designed to support improved communications functionality and enhance shipboard operations. These include port forwarding, which can auto matically transfer data from shipboard equipment and devices to support M2M reporting routines, an English/Chinese web interface, a built-in firewall, MAC Filtering, continuous GPS output and the ability to limit data sessions by time or volume.

Solutions

Designed to be a value-added solution for Thuraya's maritime customers, Atlas IP delivers superior performance compared to more highly-priced competitor terminals, but with a higher specification and at a lower cost.

In addition to the terminal's built-in functionality, Thuraya's partners are able to provide enhanced services that improve visibility, drive efficiency and improve crew welfare. Typical solutions include Voice over IP, Internet optimization, remote IT support, database replication, video conferencing and instant messaging.

Product Applications

Some of the applications that can be used with the Thuraya Atlas IP, in conjunction with value-added services offered by our partners, include:

Corporate Internet Access

Email and internet browsing applications optimized for satellite connections with full control and visibility for the ship owner or manager.

Crew Welfare

Demand for crew calling is dramatically increasing the use of social media, instant chat and video services onboard ship – owners can now keep their crew connected to their friends and family.

Remote IT Support/Video Conferencing/VoIP

Use video conferencing for remote IT, equipment maintenance and diagnostics as well as day to day meetings and even services like telemedicine.

Vessel Tracking/Regulatory Compliance

Owners and managers can get instant information on the location of their assets via online portals, regardless of their location. Satisfy the need to report on fuel quality, ballast water procedures, give notice of arrival, as well as ensuring that navigation charts are up to date.

Technical Specifications

Services	*Standard IP up to 444kbps*
	Streaming IP up to 384kbps
	Circuit switched voice
	SMS
	Distress alert
Position reporting	*Distance-based tracking*
	Time-based tracking
	Geo fencing (circle, polygon or rectangle)
IP connection	*Multi-user router mode (NAT enabled)*
	Single user router mode (NAT disabled)
	DHCP server
	Port forwarding
	Built-in firewall
	MAC filtering
	Built-in WiFi 802.11 b/g
Multi-lingual support	*English, Chinese (simplified), Chinese (traditional)*
Security and support	*Remote access of Web-MMI & Telnet port (with password protection)*
	Backup / restore of configuration settings
	Safe mode for fail-safe recovery
Above deck equipment	*Size: 319.5 mm(Dia) x 277 mm(H)*
	Weight: 3 kg
Below deck equipment	*Size: 293.9 mm(L) x 243.9 mm(W) x 68.6 mm(H)*
	Weight: 2.95 kg

Why Thuraya for Maritime

Thuraya provides merchant, fishing, governmental and leisure customers with robust and reliable maritime communications and the best value price plans available in the sector.

Thuraya Atlas IP is the optimum solution for maritime users looking for a dedicated broadband terminal that can act as an added value shipboard hub alongside our partners' hardware and software solutions.

Atlas IP is a further commitment to the maritime market and a demonstration that we understand what maritime users want from their communications: choice, performance and value.

Our commitment to our users is simple: in endless seas, we're there with you.

Thuraya Orion IP

The search for high quality, affordable broadband is over

Thuraya Orion IP

Thuraya has a reputation as a leading provider of high quality satellite communications combining flexible and very competitive rates with a powerful and reliable network.

Our commitment to this demanding market has been further strengthened with the release of Thuraya Orion IP, a new broadband terminal, specifically designed for the harsh maritime environment.

Thuraya Orion IP provides merchant maritime, fishing, governmental and leisure users with competitively priced, robust and reliable data connectivity at rates up to 444kbps.

At a time when ship owners and operators are on the hunt for solutions and services that maximize operational effectiveness of the fleet as well as minimizing operational expenditure, Thuraya Orion IP is the natural choice.

Network and Pricing

Thuraya Orion IP is available with Thuraya's cost-effective Maritime Broadband pricing plans, which are popular with owners and operators thanks to its flexibility.

Post-paid plans enable users to choose from unlimited, low usage or VSAT backup options to suit their individual requirements.

Thuraya airtime is the most competitively-priced in the maritime market. It enables users to take advantage of value-added services provided by our Service Partners and enjoy fast and simple connections, throughout our footprint.

Our powerful L-band satellite network can dynamically assign capacity where and when it is needed, providing a virtually congestion-free service that covers most of the world's busiest ports and shipping lanes.

Product Overview

Thuraya Orion IP is a maritime-specific broadband terminal manufactured in partnership with Hughes Network Systems, which supports broadband data communications at speeds up to 444kbps.

Small, lightweight and easy to install, Thuraya Orion IP is suitable for both business and crew communications.

The terminal has been designed for users who want to take advantage of a simple IP connection to leverage the value-added hardware and software solutions provided to them by Thuraya Service Partners.

Solutions
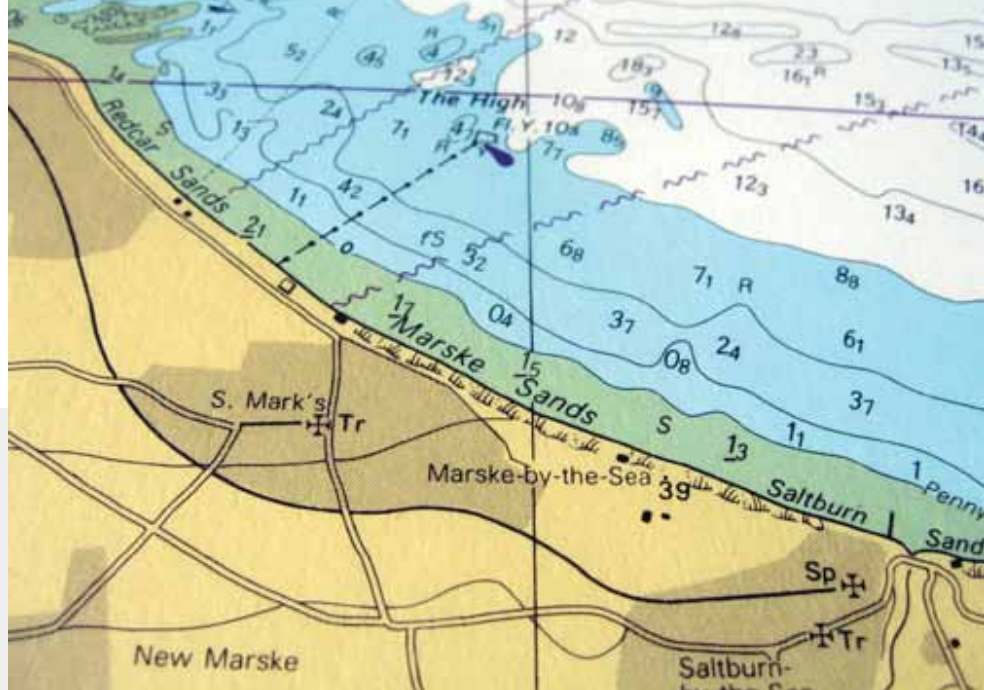
Thuraya understands that the key to a great solution is not simply the network, the terminal or the software package. It is the integration of all of these elements to create a solution that pairs our partners' software expertise with our delivery of services.

Today Thuraya and its partners are able to provide voice and data services that improve visibility, drive efficiency and improve crew welfare. Typical solutions include M2M data services to remotely monitor equipment, remote IT support, Voice over IP, internet optimization, database replication, video conferencing and instant messaging.

Specialist maritime requirements such as electronic chart updates, weather forecasts, antivirus updates, weather routing, notice of arrival and departure forms can also be rolled out at predictable cost.

Product Applications

Email

Email applications optimized for satellite networks with full control and visibility for the ship manager.

Video conferencing

Use video conferencing for remote diagnostics, day-to-day meetings and telemedicine.

Chart updates

Conform to the latest ECDIS regulations and ensure your vessel has the latest electronic navigation charts.

Remote IT Support

Rectify IT issues from your office that would have previously required a costly and time consuming vessel visit.

Vessel tracking

Get up-to-date information on the location of your assets via a comprehensive web portal, regardless of your location.

Condition-based monitoring

Engines and machinery are increasingly being monitored from shore. Trends in temperature, pressure and fuel consumption can be viewed with potential problems addressed before they have an impact on the vessel's operations.

Crew welfare

Using applications such as in instant messaging, Social Media services and Voice over IP, you can keep your crew happily connected to their friends and family.

Technical Specifications

Data rate(s)	*Standard IP up to 444kbps* *Streaming IP 16, 32, 64, 128, 256 and 384kbps*
Size of above decks unit (ADU)	*265mm x 270mm*
Weight of ADU	*3 kg*
Ethernet	*Four PoE ports supplying 15W each to four PoE compliant devices* *(Limited to 30W total if BDU input voltage is 10-16 volt DC)*
Autonomous beam handover	*Yes*
Wi-Fi access point	*Yes*
Input voltage	*10-31 volts DC, 70W max (7A max)*
Coaxial cable loss	*10dB max*

Why Thuraya for Maritime

- Reliable hardware

- Robust network

- Flexible price plans

- Suitable for merchant maritime, fishing, government and leisure

The launch of the Thuraya Orion IP is a clear demonstration that we understand what maritime users want from their communications: choice, performance, value and most of all, real solutions to real problems.

Our commitment to our user is simple: in endless seas, we're there with you.

SF2500

Stay in command at sea

Features
and Functions

Reliable

Reliable

- Excellent voice quality
- Covers two-thirds of the globe's population
- GPS tracking

Safety

Safety

- Emergency alert function

Robust

Robust

- Built for extreme conditions
- High temperature and humidity tolerance

Economical

Economical

- Low-cost voice and SMS communications

User Friendly

User Friendly

- Easy to install
- Easy to use

Your Smart
Choice at Sea

The SF2500™ is a unique voice satellite terminal with a built-in GPS tracking system. It is designed to deliver superior performance in turbulent maritime conditions. The affordable, user-friendly SF2500™ enables you to make clear satellite voice calls to any phone in the world. The large color LCD screen supports SMS through its easy-to-use menu.

An Alert button will notify pre-configured contacts in the event of an emergency. When activated, SF2500™ immediately sends a pre-determined alert message which includes the time-stamped GPS coordinates of your position to three preset contacts for swift emergency response.

Feel at ease while at sea with SF2500™.

Applications

- *Robust, versatile and cost-effective solution for fishing, leisure and merchant sea vessels*
- *Coastal surveillance*
- *Fleet management*

Features
and Functions

Base Terminal

- Alert button for triggering an emergency alert to pre-configured contacts via SMS or GmPRs
- Configurable to support
  o Automatic Position Reports (APR)
  o Polling for an on-demand position report
  o Geo-fencing. Up to 10 polygon areas can be configured. Sends an alert when the vessel enters or leaves an area
  o Over-the-air update of system configuration parameters
- An external input port for an optional extra alert button
- Ringer output port
- Supports basic telephony functions, Calling Line Identification Presentation (CLIP) and Short Message Services (SMS)

- Phone book
- Call log: last 5 missed, received and dialed calls each with date and time stamps
- Menu-driven graphical user interface with 65K colors, 220 x 176 pixels, 2" TFT LCD screen
- MMI in English, Chinese and Bahasa Indonesia
- Desk and wall mounting
- Backlit keypad

Maritime Antenna

Active Antenna

- Omni directional active Thuraya certified antenna with built-in active GPS antenna
- Up to 40 meters of LMR400 (or equivalent) co-axial satellite antenna cable

General
Specifications

Voice

SMS: up to 160 characters

Size

Base terminal [L x W x H]:   205mm x 190mm x 80mm
Passive antenna: 95mm (Dia.) x 150mm (H)
Active antenna: 210mm (Dia.) x 180mm (H)

Weight

Base terminal: 1.1kg
Passive antenna: 300g
Active antenna: 1.7kg

GPS Specifications

Number of tracking channels: 20 (SiRF Star-III)
Position accuracy: <10m 95%
Time to first fix:
    Hot start: <1 second
    Warm start: <30 seconds
    Cold start: <35 seconds

Interfaces

• Alert button
• Satellite antenna connector (N-Type female)
• GPS antenna connector (TNC female)
• Corded handset connector (RJ9)
• SIM card connector
• RS232 connector (DB-9)
• DC power supply input socket
• Power On/Off switch
• External ringer output port
• External alert button input port
• Mini-USB (only for maintenance purpose)

Power Supply and Consumption

DC input range (isolated):   10.8 – 31.2 VDC
Power (max):   10 W

Environmental Conditions

Operating humidity: up to 95%
                               (non-condensing) at 40ºC

Operating temperature:
    Base terminal: -10ºC ~ +55ºC
    Antenna: -25ºC ~ +55ºC
Storage temperature:
    Base terminal: -20ºC ~ +70ºC
    Antenna: -40ºC ~ +80ºC
Ingress protection rating:
    Base terminal: IP30
    Antenna: IP66

Low Latency   **Light Weight**   **Plug and Play**

GPS   **Congestion Free**   **Active Antenna Connector**

Seagull 5000i

Reliable performance in the harshest maritime environments

Seagull 5000i,
your best catch
at sea

The Seagull 5000i is a voice, data and fax satellite terminal with a built-in GPS tracking system specially designed for reliable performance in harsh maritime and land environments. This affordable, easy-to-install and user-friendly terminal enables users to make satellite phone calls to any phone in the world through the Thuraya satellite network.

Seagull 5000i also supports SMS services through its easy-to-use menu on the large colour LCD screen. The Seagull 5000i provides full-duplex, IP-based data communications capabilities through the Thuraya GmPRS technology.

These data communications capabilities, coupled with an onboard GPS receiver enable the Seagull 5000i to transmit such information as ship's identity and ship's position with date and time stamp necessary for Tracking services that has been made mandatory by many national maritime and fisheries authorities. The user can also take advantage of this internet data connection to check emails, weather reports or web-browsing.

When the optional FaxConnect™ interface box is connected to Seagull 5000i, the user can also send G3 faxes to other G3 fax machines on a global basis.

Robust, Reliable
& Versatile

Tracking and monitoring functions are user-configurable for fixed time interval or any possible event-triggered operation. They can also be remotely activated by a monitoring centre. An Alert button is available to notify pre-configured contacts during an emergency. When the Alert button is activated, Seagull 5000i shall immediately send a pre-determined SOS message which includes the time-stamped GPS co-ordinates of the position up to three preset contacts for response.

The Seagull 5000i terminal is a truly robust, versatile and cost-effective solution for medium-size to small-sized fishing vessels, pleasure boats, patrol boats and any other sea vessels that need a combination of voice telephony, data, fax and tracking functions.

Applications

- Supports communication needs of fishing vessels, leisure boats and coastal merchant vessels
- Coastal surveillance
- Fleet management
- Low data rate tracking

Features
and Functions

Handset

- Supports basic telephony functions, Calling Line Identification Presentation (CLIP) and Short Message Services (SMS)
- Phone book
- Call log: last 5 missed, received and dialed calls each with date and time stamps
- Menu-driven graphical user interface with 65K colors, 220 x 176 pixels, 2" TFT LCD screen
- MMI in English and Chinese
- Backlit keypad
- 2.5mm Headset Jack
- Wall mount cradle

Base Terminal

- One Alert button for triggering an emergency alert to pre-configured contacts via SMS or GmPRS
- External Alert button input port (optional)
- External Ringer output port (optional)
- Configurable to support
  o Automatic Position Reports (APR)
  o Polling for an on-demand position report
  o Geo-fencing. Up to 10 polygon areas can be configured. Sends an alert when the vessel enters or leaves an area
- Support G3 Fax via FaxConnect
- Internet access
- Save position logs in device memory for later retrieval
- Over-the-air update of system configuration parameters

Maritime Antenna

Active Antenna

- Omni-directional active Thuraya satellite antenna with built-in active GPS antenna
- Up to 40 metres of LMR400 (or equivalent) co-axial satellite antenna cable

Features
and Functions

Voice

Standard IP:	up to 60/15 kbps
SMS:	up to 160 characters
Fax:	up to 9.6 kbps

Size

Handset [L x W x H]:	142mm x 56mm x 22mm
Handset cradle [L x W x H]:	147mm x 65mm x 32mm
Base terminal [L x W x H]:	254mm x 155mm x 55mm
Passive antenna:	95mm (Dia.) x 150mm (H)
Active antenna:	210mm (Dia.) x 180mm (H)

Weight

Handset:	290g
Handset cradle:	55g
Base terminal:	1kg
Passive antenna:	300g
Active antenna:	1.7kg

Power Supply and Consumption

DC input range (isolated):	10.8 – 31.2 VDC
Power (max):	10 W

Environmental Conditions

Operating humidity:	up to 95% (non-condensing) at 40°C
Operating temperature:	
Handset:	-20°C ~ +55°C
Base terminal:	-10°C ~ +55°C
Antenna:	-25°C ~ +55°C
Storage temperature:	
Handset:	-30°C ~ +70°C
Base terminal:	-20°C ~ +70°C
Antenna:	-40°C ~ +80°C

Ingress protection rating:	
Handset:	IP66
Antenna:	IP66

GPS Specifications

Number of tracking channels:	20 (SiRF Star-III)
Position accuracy:	<10m 95%
Time to first fix:	
Hot start:	<1 second
Warm start:	<30 seconds
Cold start:	<35 seconds

Interfaces

• Satellite antenna connector (N-Type female)
• GPS antenna connector (TNC female)
• Primary handset connector
• SIM card connector
• Ethernet port (RJ45)
• USB client port (mini-USB connector)
• FaxConnect™ interface port
• DC power supply input socket
• Power On/Off switch
• Four dual color LED indicators
• External ringer output port
• External alert button input port

Optional Features and Accessories

• BDU-to-SIM lock
• External ringer (Buzzer)
• External ringing indicator light
• External alert button
• Handset extension cable
• Handset cradle mounting plate

Robust

GPS

Light Weight

GmPRS

SAT

Seagull 5000i,
the trusted
maritime solution

"Testimony"

"The solution that stood out was the Seagull 5000i terminal from Addvalue,"

Diaz del Rio
Spanish Authorities

Spanish fishers catch on to the benefits of Thuraya

Hundreds of small Spanish fishing vessels are being supplied with a cost-effective, compact satellite solution for electronic recording and reporting of catches.

"We were happy using paper logs but are pleased to have a system that is reliable, secure and easy to use now we are required to submit an e-log. With the kind of work we do we can't have anything that gets in the way, so this compact system fits well on our boat. The equipment comes with a two-year warranty, so that's another plus for us."
Servando Fernandez Alvarez of the Varamar

"It gives us peace of mind because we could contact SASEMAR quickly if we got into trouble. The satphone is also great for contacting customers and port authorities and for staying in touch with our families."
Jose A. Saavedra Amoedo of the Colomba Tercero

"We checked ERS data transmission from a laptop via the Thuraya network and it worked perfectly first time. The solution is highly competitive in terms of cost, both for hardware and airtime. Moreover, the Seagull is a very neat, robust piece of kit that fits well into the wheelhouse of a small vessel."
Diaz del Rio from the Spanish authorities team who tested potential satcoms solutions for fishing vessels over 15m

"We were impressed by the compact antenna and below-deck unit, which don't take up much space, and by the ease of installation."
Roberto Crespo Amoedo, owner and skipper of the Novo Baloeiro

Thuraya Accessories

Thuraya Repeater

Thuraya Fixed Docking Unit

Thuraya Solar Charger

Thuraya's Coverage Area

Providing coverage in the most remote locations

Thuraya's robust satellite network provides coverage in the most remote locations, ensuring congestion-free satellite communications to keep you connected at all times. Thuraya's satellites provide reliable L-band coverage across Asia, Australia, Africa, Central Asia, Europe and the Middle East.With roaming agreements established in over 161 countries, Thuraya is able to provide reliable roaming services for our postpaid and prepaid customers onto more than 361 worldwide GSM networks.

Service available
Service possible
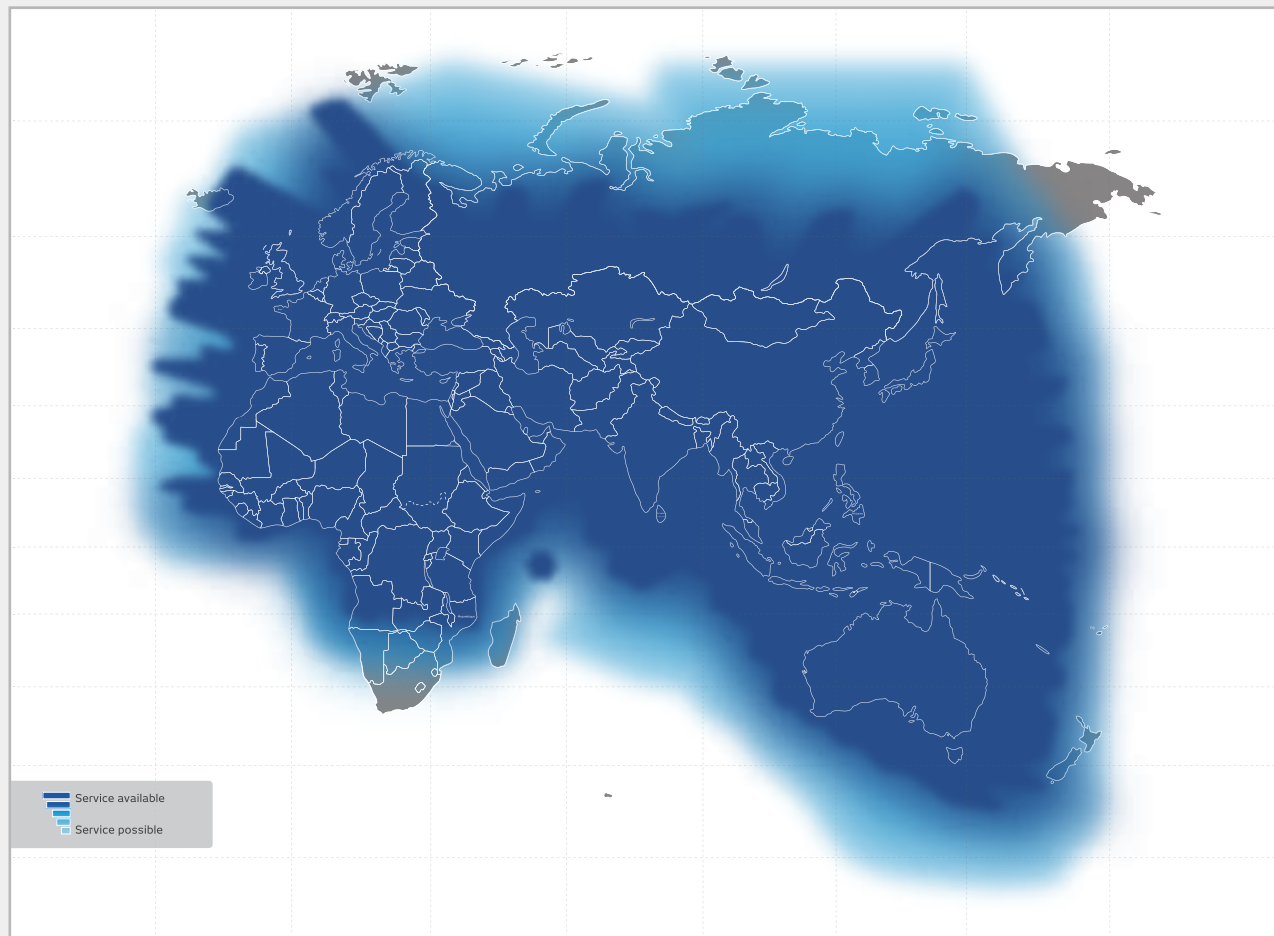
This map represents Thuraya expectations of coverage. For further information,
please contact Thuraya Customer Care at customer.care@thuraya.com or visit www.thuraya.com

	MediaComms	EnergyComms	MiningComms
Thuraya IP+	☑	☑	☑
Thuraya IP Commander			
Thuraya IP Voyager	☑	☑	☑
Thuraya XT	☑	☑	☑
Thuraya XT-Hotspot	☑	☑	☑
Thuraya SatSleeve	☑	☑	☑
Thuraya Atlas IP			
Thuraya Orion IP			
SF2500			
Seagull 5000i			

GovernmentComms	MarineComms	ReliefComms	EnterpriseComms	LeisureComms
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