

THURAYA 

**Thuraya Atlas IP**  
The new wave in satellite communications at sea



**THURAYA**   
MARINECOMMS



## Thuraya Atlas IP

### Providing enhanced connectivity onboard ships

As a leading provider of maritime communications services, Thuraya continues to build on its reputation for delivering high-quality hardware and competitive airtime prices backed by a powerful, reliable satellite network.

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



Atlas IP provides merchant maritime, government, fishing, and leisure entities, connectivity with a purpose-built, fully-featured maritime satellite terminal that provides best-in-class data rates of up to 444kbps. This terminal has the ability to switch to Circuit Switched Voice combined with a rich set of features that result in the perfect solution for all types of vessels.

What's more, Atlas IP has completed a rigorous testing, qualification and certification program including testing in a variety of marine environments and regions to ensure it lives up to its promise of being a 'lifeline' to the maritime sector.

For ship owners and operators looking to stay ahead of the competition in this demanding market, Atlas IP improves the communication link to vessels and reduces the overall cost of providing the link, with competitive airtime plans and hardware costs that are lower than less capable terminals.

## 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



Thuraya Atlas IP is a maritime-specific broadband terminal manufactured by Addvalue Innovations of Singapore which supports broadband data communications at speeds of up to 444kbps and asymmetric streaming at 16kbps-384kbps.

This 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 stabilized antenna, direct bulkhead mounting and built-in Wi-Fi.

It also includes a range of features designed to support improved communications, functionality and enhances onboard ship operations. These features include port forwarding, which automatically transfers data from shipboard equipment and devices in support of M2M reporting routines, an English/Chinese web interface, a built-in firewall and continuous GPS output.

## 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.

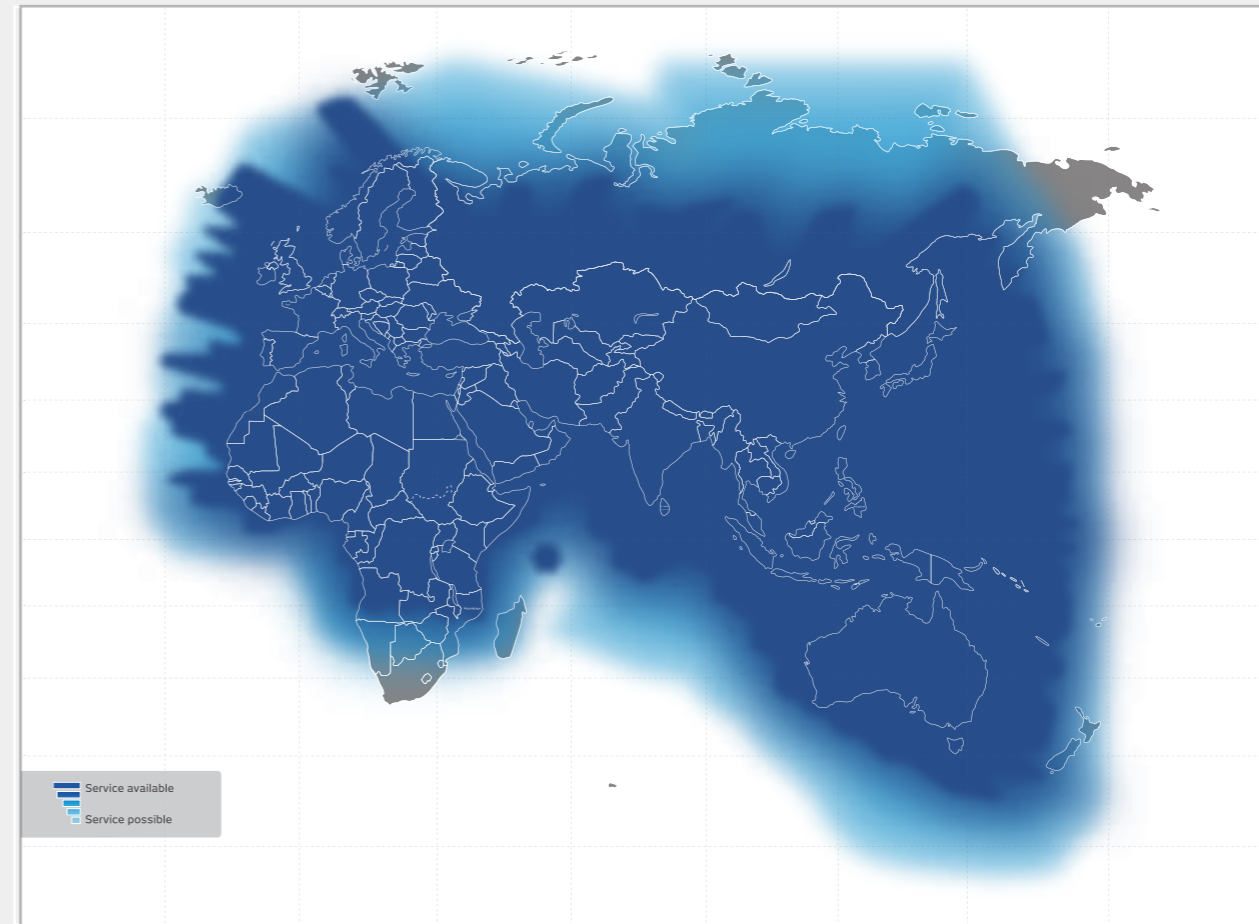
### *Vessel Tracking/Regulatory Compliance*

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.

# Thuraya's Coverage Area

*Atlas IP enables you to stay connected at sea and communicate via satellite across Thuraya's footprint, which extends across 161 countries in Asia, Australia, Africa, the Middle East and Europe.*

*Thuraya's robust satellite network provides coverage across approximately 60 percent of the world's maritime routes, ensuring congestion-free satellite communications to keep your mission critical applications connected at all times.*



This map represents Thuraya expectations of coverage. For further information, please contact Thuraya Customer Care at [customer.care@thuraya.com](mailto:customer.care@thuraya.com) or visit [www.thuraya.com](http://www.thuraya.com)

# Technical Specifications

<b>Services</b>	<i>Standard IP up to 444kbps</i>
	<i>Streaming IP up to 384kbps</i>
	<i>Circuit switched voice</i>
	<i>SMS</i>
	<i>Distress alert</i>
<b>Position reporting</b>	<i>Distance-based tracking</i>
	<i>Time-based tracking</i>
	<i>Geo fencing (circle, polygon or rectangle)</i>
<b>IP connection</b>	<i>Multi-user router mode (NAT enabled)</i>
	<i>Single user router mode (NAT disabled)</i>
	<i>DHCP server</i>
	<i>Port forwarding</i>
	<i>Built-in firewall</i>
	<i>MAC filtering</i>
	<i>Built-in Wi-Fi 802.11 b/g</i>
<b>Multi-lingual support</b>	<i>English, Chinese (simplified), Chinese (traditional)</i>
<b>Security and support</b>	<i>Remote access of Web-MMI &amp; Telnet port (with password protection)</i>
	<i>Backup / restore of configuration settings</i>
	<i>Safe mode for fail-safe recovery</i>
<b>Above deck equipment</b>	<i>Size: 324 mm (Dia) x 278 mm (H)</i>
	<i>Weight: 3 kg</i>
<b>Below deck equipment</b>	<i>Size: 293.9 mm(L) x 243.9 mm(W) x 68.6 mm(H)</i>
	<i>Weight: 2.95 kg</i>

# 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. <http://satprocom.ru>