

BROADCASTING FROM
LIFE TO LIVE



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THURAYA
MEDIACOMMS 



When stories break, you need to be the first to report them. Thuraya IP is a rapidly-deployable satellite broadband solution that can be set up in seconds giving you the advantage of instant connectivity to the newsroom. Compact enough to be carried to even the most remote locations, Thuraya IP offers all the functionality required to report in real-time. Supported by a robust network and fixed fee unlimited data packages, correspondents can remain constantly connected to the studio benefitting from moral support and encouragement when it's needed most.

Featuring unique Asymmetric Streaming capabilities, Thuraya IP makes streaming live reports simple and cost-effective. By selecting your uplink/downlink speeds via the easy-to-use buttons on the front of the device, you're immediately making savings of up to 40%. The intelligent Asymmetric Streaming function ensures you pay only for the bandwidth you use.

Connect in seconds... Requiring no additional software to set-up, Thuraya IP gives you broadband access instantly. Simply power up the device, pair your laptop by WiFi or by Ethernet cable, direct it at the satellite and enjoy high-speed connectivity from anywhere within our footprint of 140 countries in Europe, Africa, Middle East, Asia and Australia. For broadcast teams who need to ensure their reporters' safety, Thuraya IP guarantees no correspondent is ever alone.

Tailor-made for the media industry... Thuraya IP together with a recognised media codec, enables a whole host of functions: live broadcasting, store-and-forward for broadcast at a later date, internet browsing, full email functionality, file upload and download, ftp site accessibility, video conferences and VoIP solutions. And with Thuraya's Shareplan option which offers organisations the flexibility to share their airtime allowance across various Thuraya voice and data devices, it's the perfect solution for broadcast companies with a number of deployed correspondents.

Perfectly portable... A5 sized and weighing a mere 1.3 kgs, Thuraya IP can be easily packed into a rucksack and deployed as required to cover unfolding news events as they happen in even the most remote areas; allowing you to break the stories in real-time, ahead of competitors. Available with a range of compact antennas that facilitate Comms-On-The-Move even when travelling at speeds of about 100 mph and also enable connectivity indoors as well as outdoors, Thuraya IP is all you need to stay constantly connected.



THURAYA IP, BE THE FIRST TO BREAK THE NEWS

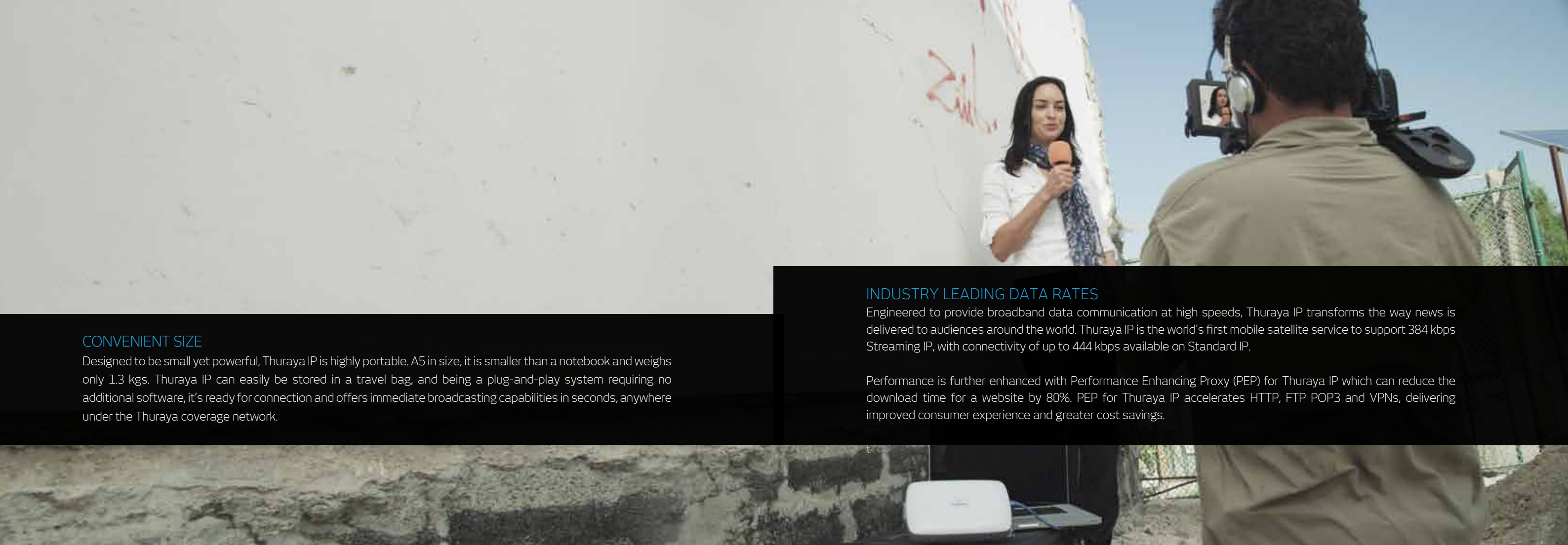


THURAYA IP, THE MOST POWERFUL
MOBILE SATELLITE BROADBAND TERMINAL



THURAYA IP'S BENEFITS FOR THE MEDIA INDUSTRY

- The only terminal with flexible asymmetric uplink/downlink bandwidth speeds; cost-effective – pay only for the bandwidth you use
- Eliminates the need for an O/B Van
- Ultra-portable: A5 size – 1.3 kgs with battery – easily slips into a rucksack
- Instant set-up – Easiest satellite modem to set up and use
- World's smallest modem to support 384 kbps Streaming IP and 444 kbps Standard IP
- Thuraya Shareplan offers scalable packages starting at 20 sim cards and offers the flexibility to share airtime allocation between Thuraya voice and data devices
- Compatible with Quicklink, Streambox and Globecast applications
- Reliable network providing quality communications – the Thuraya network dynamically allocates bandwidth where needed, ensuring uninterrupted and congestion-free communications
- Simultaneous voice and data applications
- 24/7 connectivity with our fixed fee unlimited data packages



CONVENIENT SIZE

Designed to be small yet powerful, Thuraya IP is highly portable. A5 in size, it is smaller than a notebook and weighs only 1.3 kgs. Thuraya IP can easily be stored in a travel bag, and being a plug-and-play system requiring no additional software, it's ready for connection and offers immediate broadcasting capabilities in seconds, anywhere under the Thuraya coverage network.

INDUSTRY LEADING DATA RATES

Engineered to provide broadband data communication at high speeds, Thuraya IP transforms the way news is delivered to audiences around the world. Thuraya IP is the world's first mobile satellite service to support 384 kbps Streaming IP, with connectivity of up to 444 kbps available on Standard IP.

Performance is further enhanced with Performance Enhancing Proxy (PEP) for Thuraya IP which can reduce the download time for a website by 80%. PEP for Thuraya IP accelerates HTTP, FTP, POP3 and VPNs, delivering improved consumer experience and greater cost savings.



COST-EFFECTIVE DATA SOLUTION

Thuraya IP carries a range of pricing packages tailored to the media broadcast industry. From unlimited data plans, to zero monthly fee packages, to on-demand consumption, and Thuraya's Shareplan, you'll find our pricing packages deliver a unique value-add for your mission-critical connectivity needs.

Whether you're a freelance reporter who uses the service infrequently, a live broadcast unit that has large consumption of data and requires flexibility, or a media content owner with several field units looking for a predictable monthly airtime cost or wanting to share airtime allocation across a number of Thuraya devices, we have an appropriate data plan for you.

Thuraya IP is the only satellite terminal in the world that has the ability to stream asymmetrically, allowing you to upload large video files at a high data transfer rate, whilst receiving lower speed data files. Asymmetric Streaming lets the user set upload and download speeds at different rates dependent upon usage requirements, therefore you only pay for what you consume, a feature that delivers cost-savings of up to 40% when used for live streaming.

The strength and capacity of our network also allows us to offer packages for those users who wish to consume large volumes of data transfer, and who want to know they can connect to the network even when many other users are connected from the same area.

THURAYA IP AS AN OUTSIDE BROADCAST UNIT

Thuraya IP is a platform whereby the user can employ a multitude of applications to perform complex data transactions from remote locations. Its WLAN connectivity and compatibility with other media broadcast platforms like Quicklink, Streambox and Livewire, instantly turn Thuraya IP into a remote outside broadcasting unit allowing both live broadcast and store-and-forward reporting.



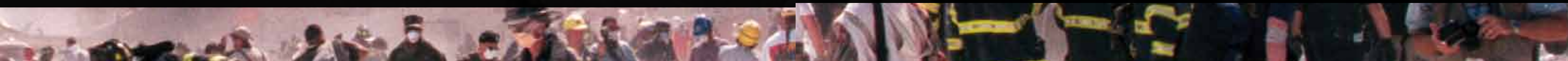
BREAKING
NEWS

THURAYA'S POWERFUL NETWORK BRINGS NEWS DIRECT TO YOUR NEWSROOM

Thuraya IP is a powerful, reliable satellite broadband platform that brings world events directly to your newsroom as they happen. From live broadcasts from the world's most remote locations, to storing video for broadcast at a later date, Thuraya IP breaks the stories first.

Thuraya IP broadband services are delivered via Thuraya's state of the art satellite network covering 140 countries in Europe, Africa, Middle East, Asia and Australia. During 2010 and 2011, there were 36 major natural disasters around the world and 33 recognised on-going conflicts. The vast majority of these occurred under Thuraya's network coverage area, allowing journalists to reliably report developing events in real-time.

Thuraya's network is congestion-free and has lower latency. To support more users in any particular hotspot, Thuraya's network automatically re-allocates network resource to any single spot beam, allowing more Thuraya IP users to enjoy uninterrupted data services. During natural disasters or conflict situations where there is high demand for network resource in a single location, Thuraya is the only network that can guarantee sufficient and reliable connection.

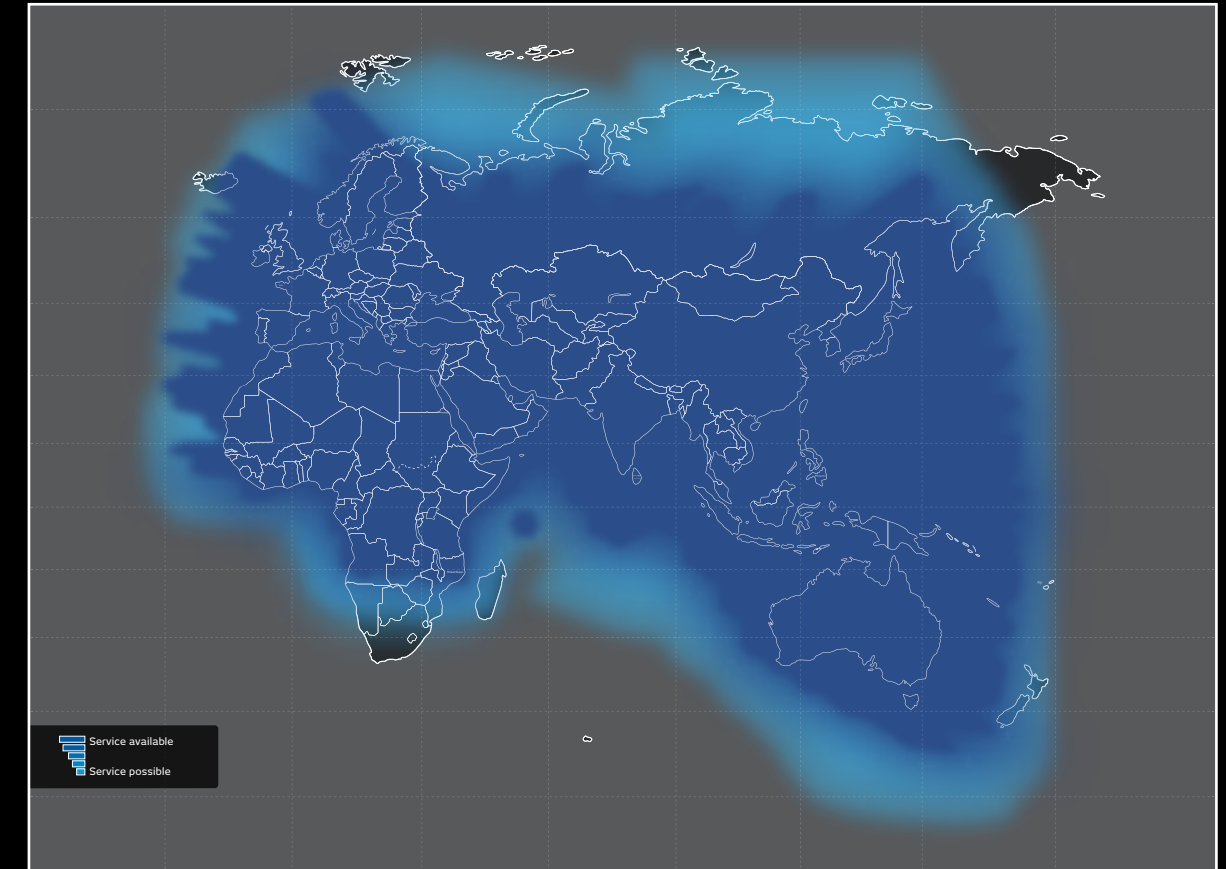


FEATURES

- 384 kbps Streaming IP and 444 kbps Standard IP
- Flexible pricing packages
- Network flexibly allocated bandwidth – reduces contention, ensures uninterrupted and congestion-free communications
- Flexible uplink/downlink bandwidth speeds; cost-effective – pay only for the bandwidth you use
- Ultra-portable A5 size – 1.3 kgs with battery – mounts on any vehicle
- Developed and tested to exceed operational requirements
- Simultaneous voice and data applications

**256 kbps without an external antenna, 384 kbps with a small external antenna that measures A4 and weighs 1.55 kgs, or a flat antenna that weighs less than 1 kg.*

THURAYA COVERAGE AREA



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

APPLICATIONS & SPECIFICATIONS





















PHYSICAL CHARACTERISTICS:	Weight: 1.3 kgs terminal and battery Size: 158mm x 225mm x 50mm
IP DATA SERVICES:	
STANDARD IP	Up to 444 kbps over a shared channel
STREAMING IP	Without external antenna: 16, 32, 64, 128, 256* kbps With external antenna: 16, 32, 64, 128, 256, 384 kbps
TOLERANCES:	
OPERATING TEMPERATURE	Running from external supply: -25° to +55° C Running from battery: 0° to +50° C
STORAGE TEMPERATURE	Including battery: -20° to +60° C Excluding battery: -40° to +80° C
OPERATING HUMIDITY	95% RH at 40°
MECHANICAL VIBRATION	200-2000 Hz, 0.3 m2/s3
UNPACKED DROP	0.5m on concrete surface
WATER & DUST PROOFING	IP55 standard
POWER:	
EXTERNAL POWER	Main power supply adapter: 100-240 V AC at 50-60 Hz
INPUT VOLTAGE	12 V DC



BATTERY:	
BATTERY LIFE	Up to 36 hours standby time 1 hour of continuous transmission at the highest rate
BATTERY TYPE	Lithium-Ion
CHARGING TEMPERATURE	0° to +40° C
INTERFACES:	
CONNECTORS	Ethernet (RJ-45), USB
USER INTERFACE	Web-based graphical user interface accessible via standard web browser
EXTERNAL ANTENNA	GPS, active and passive antenna
WLAN CONNECTIVITY	IEEE 802.11b standard with: - WEP encryption - SSID broadcasting control - MAC address filtering



**For best performance, Thuraya recommends the use of an external antenna.*

- 
Power Supply
- 
USB Interface
- 
RJ45 Interface
- 
Passive Antenna Connector
- 
Active Antenna Connector
- 
Compass
- 
Protractor
- 
WLAN Connectivity
- 
Battery
- 
Asymmetric
- 
GPS
- 
Congestion Free
- 
Low Latency
- 
A5 Size Terminal
- 
Light Weight
- 
Plug-and-Play
- 
GPS Indicator
- 
Display Bar
- 
Navigation Buttons
- 
Signal Strength Bar