Thuraya ReliefComms

Certified Solutions

THURAYA

Thuraya ReliefComms: Saving lives on land, at sea and in the air

When disasters strike, rapid response can make the difference between life and death. Thuraya enables communications without borders.
We help humanitarian agencies, NGOs, governments and militaries establish quick, always-on communication links to coordinate search and rescue operations across vast geographies, assess the scale of damage, or set up remote hubs. We equip first responders and remote communities with technology that always deliver in times of need. Our certified solutions keep information flowing through different communication platforms on land, at sea and in the air, while aid workers deliver assistance to affected populations. For extended disaster recovery operations, solar-powered voice, internet and SMS services can be deployed, activating instant connections with the rest of the world.

This brochure introduces a comprehensive set of solutions for the relief sector, covering telemedicine, health monitoring, video conferencing, tracking and monitoring as well as VoIP.

THURAYA
RELIEFCOMMS

Thuraya ReliefComms Certified Solutions:

- Thuraya GSM
- AXIA
- Audisoft
- Crypto AG
- Funk-Electronic Piciorgros
- DigiMed
- Horizon MultiVoIP
- IBEXIS
- Librestream
- OneAccess Optimized VPN
- Redport Optimizer
- RDC - Digital Barriers
- Scytale
- Scotty Telemedicine
- WiCis

Thuraya GSM

Quickly create a small GSM cell in any location

Netted
Communications

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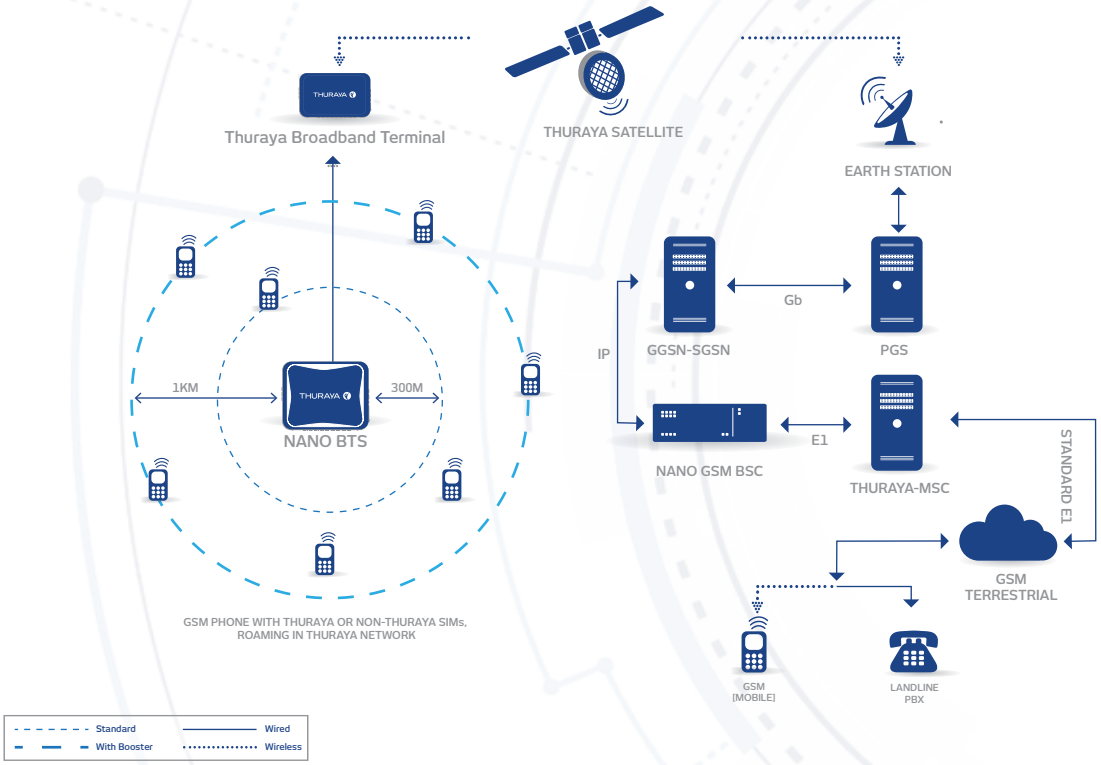
About Thuraya GSM

GSM phones are used the world over, but GSM networks are not accessible everywhere. Coverage is often patchy or non-existent away from urban centres and major transport routes – creating problems for the many organisations that rely on GSM to stay in touch with remote workers.

Thuraya GSM is used to extend GSM services to any location. It can be set up and deployed immediately and works by creating a small GSM cell that communicates with the outside world via the Thuraya IP Broadband network and satellite. Anyone connected to a Thuraya GSM cell can use their normal GSM phone in the same way as they would at home, making and receiving calls and SMS text messages. The entire solution is very compact, easy to carry and quick to set up.

How does it work over Thuraya IP broadband terminals?

To create a Thuraya GSM cell of a few hundred metres' radius, users simply have to set up a nano base transceiver station (BTS) connected to a Thuraya IP broadband terminal. The nano BTS is an A4-sized terminal that can carry up to seven calls simultaneously. Users' calls and texts pass through the nano BTS and Thuraya IP broadband terminal via satellite to the Thuraya Earth Station. They are then routed through a base station controller and mobile switching centre into the GSM terrestrial network and beyond.



Who uses this solution?

The convenience of being able to use your own GSM phone anywhere makes Thuraya GSM an extremely popular solution across a wide range of organisations. It is used by customers in sectors such as energy, enterprise, government, leisure, marine, media and relief, who all value its versatility and cost-effectiveness. Thuraya GSM is ideal for any organisation with units on the move who need to rely on clear, steady connectivity and uninterrupted communications.

Thuraya IP broadband terminals certified to work with Thuraya GSM:

Thuraya IP+, Thuraya IP, Thuraya IP Voyager, Thuraya Orion IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com

AXIA SOHO

VoIP, Enterprise Communication
and Distributed Offices

VoIP

Office on
the Move

THURAYA

RELIEFCOMMS

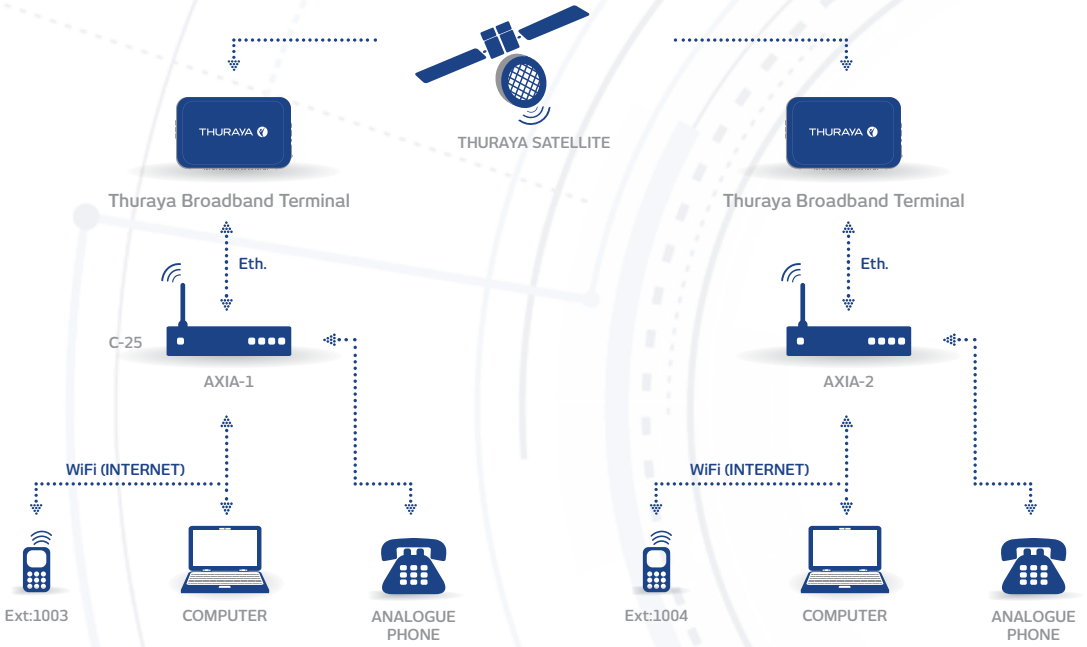
About AXIA SOHO

The AXIA SOHO is a highly efficient, all-in-one wireless communications server that offers an immediate unifying network solution. It cleverly replaces all of your standard network devices with one, easy to install and user friendly server that operates as a HSDPA Router, Wi-Fi Access Point, IP-PBX system, GSM office phone. It comes complete with VoIP, SMS, applications with file and print server features. The AXIA SOHO is a unique and cost effective way to maximize your corporate communications capabilities.

How does it work over Thuraya IP broadband terminal?

The AXIA SOHO server is used in conjunction with the Thuraya broadband terminal. The hardware provides the convenience of extending the VoIP extensions to remote locations. This gives users a choice to have either a single analogue phone at this site or use the Wi-Fi of the AXIA SOHO unit to make voice calls from their smart phones.

The unit serves as an extended group where users from the remote group can be reached with a unique number assigned to their ID. Two units can be remotely connected using Thuraya broadband terminals at their end and the users will be able to communicate with each other as the extended group. Users can rely on uninterrupted connectivity and reliable coverage when used across the Thuraya network.



Who uses this solution?

AXIA SOHO is designed for remote office extensions using Thuraya broadband terminal as it's connectivity link. It offers greater efficiency and flexibility, so that users are not restricted. It's remote monitoring and usage facilitate easy access and greater effectiveness. NGOs and relief operations would greatly benefit from it's features, ease of use and extended capabilities.

The AXIA SOHO is also a powerful instrument for the energy industry, as many of the field operations take place offshore. It's ease of use and extended capabilities offer several benefits for the oil and gas sector.

Thuraya broadband terminals certified to work with AXIA SOHO:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP, Thuraya MCD Voyager, Thuraya Orion IP and Thuraya Atlas IP

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com

AudiSoft

Frontline Communicator

Situational Awareness, Critical Communication
and Video Conference

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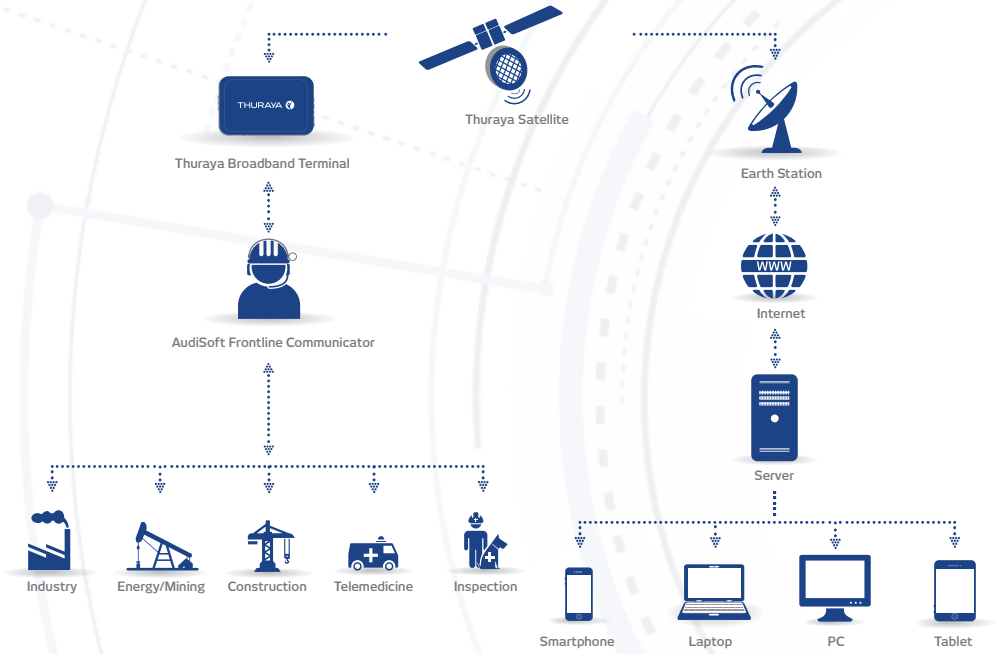
About AudiSoft Frontline Communicator

The Frontline Communicator is a wireless and wearable communication solution. It can be used with Thuraya broadband terminals.

Designed for a variety of environments, the Frontline Communicator allows users to film and store video images for future use. The Frontline Communicator's headset is equipped with a miniature color video camera, a pointer device, directional microphone for noise reduction and high-quality earphones for optimal sound reception.

With it's integrated light, adjustable focus and pointer, the Frontline Communicator's hand-held cameras are easy to manage. The Communicator's transmission module houses a powerful computer and a state-of-the-art codec. It is also equipped with CompactFlash® and PCMCIA card readers and an SDIO slot. The transmission module is powered by a long lasting rechargeable Li-ion battery.

How does AudiSoft Frontline Communicator work with Thuraya IP+ broadband terminals?
Who uses AudiSoft Frontline Communicator?



The Frontline Communicator is based on technological integration and a complex miniaturization process, and can be used in a variety of contexts and environments. This unique and innovative IP communication system is ideal for anyone who needs remote support, remote collaboration or distance training applications.

Frontline Communicator is ideal for users looking to reduce response times, increase productivity and improve customer service.

In the relief sector, Frontline Communicator can therefore be used to provide reliable communications for swift and effective disaster management, when crucial operational coordination is essential and information transmission is critical. In the energy sector, it is convenient for inland-based energy crews or for use on offshore oil and gas rigs, refineries and exploration missions.

Thuraya broadband terminals certified to work with AudiSoft:

Thuraya IP+, Thuraya IP Voyager, Thuraya MCD Voyager and Thuraya IP

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
AudiSoft Technologies: info@audisoft.net

Crypto AG

High-security encryption guarantees
safe data transfer

Office on
the Move

Encryption

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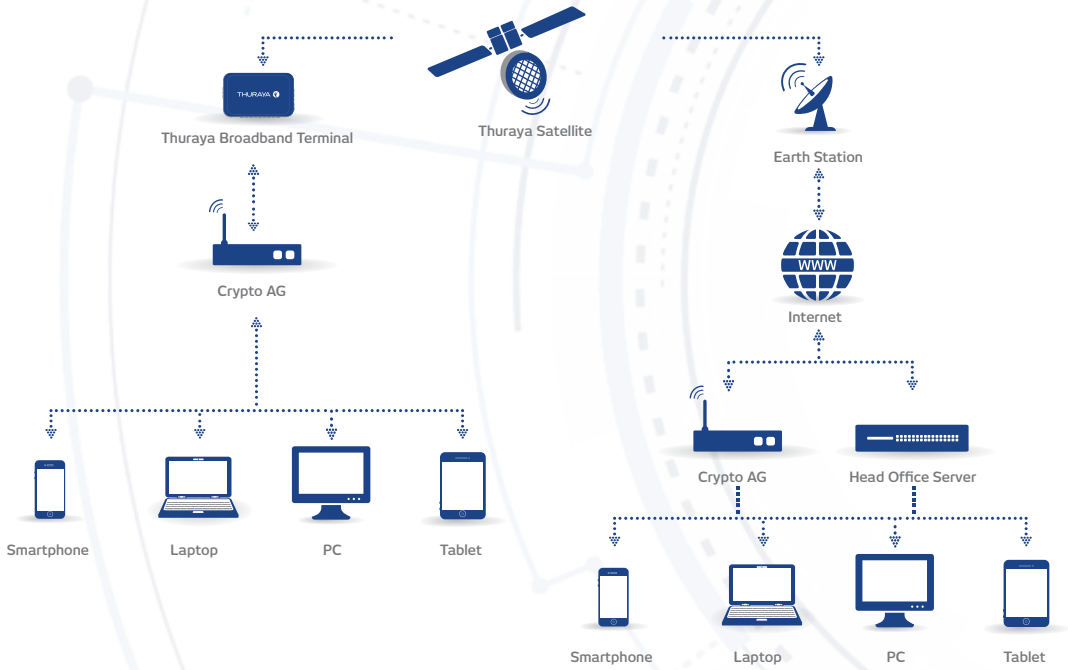
About Crypto AG

Based in Switzerland, Crypto AG is one of the world's oldest and most respected providers of encryption solutions. The company offers a diverse range of products optimised to work with Thuraya's IP broadband terminals and network.

Electronic eavesdropping can be a major threat to profits and security, so encryption is an essential precaution for any organisation that wants to protect its intellectual property, secrets or mission-critical information. The US National Security Agency (NSA) summarises the threat by stating: "Information networks and technology are constantly at risk from a variety of bad actors using a multitude of techniques [to gain] access to networks and information." Together, Crypto AG and Thuraya counter this threat by guaranteeing the security of encrypted information passed over the Thuraya IP broadband network.

How does it work over Thuraya IP broadband terminals?

Crypto AG products protect the user by encrypting data from standard IT applications, such as email, before routing it over the Thuraya IP broadband network and on to terrestrial networks. For example, the Crypto Mobile Client HC-7835 is a compact portable device that can be used with virtually any laptop or PC and a Thuraya IP broadband terminal. It sets up a safe, encrypted connection called a virtual private network (VPN) tunnel. Data from applications is encrypted automatically before it enters the tunnel and is then decrypted at its destination. The solution uses individually created customer algorithms that are unknown and inaccessible to anyone else.



Who uses this solution?

Crypto AG is suitable for any organisation or agency that wants to protect its communications with high-security encryption. The company's proven products and services – used in tandem with Thuraya's IP broadband terminals and network – ensure there is an IP compatible solution for users in sectors as diverse at energy, enterprise, government and relief, even from locations where terrestrial communications are unreliable or non-existent.

Thuraya IP broadband terminals certified to work with Crypto AG:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Ultra Electronics: support@ultra-aep.com

Funk-Electronic Piciorgros

TETRA over Satellite

TETRA over Satellite or Radio over Satellite

THURAYA

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About Funk-Electronic Piciorgros

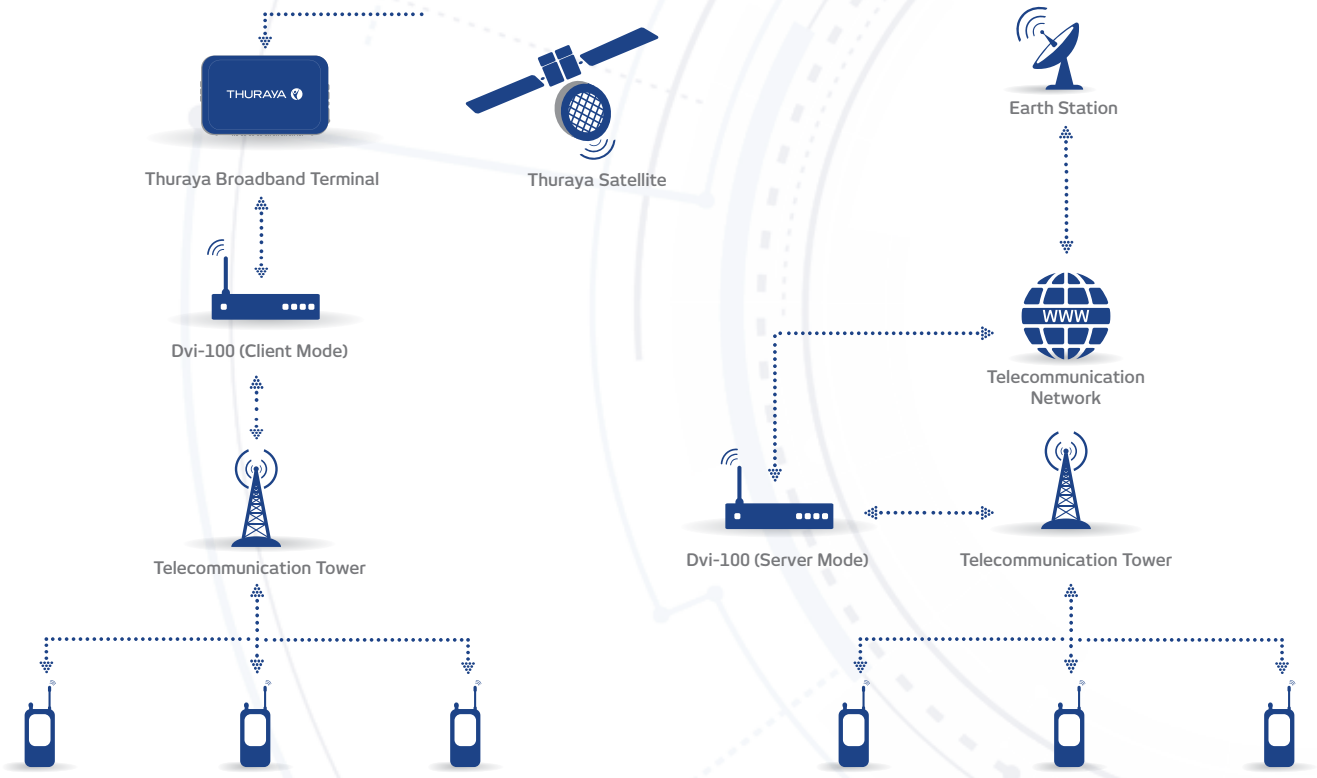
TETRA (TErrestrial Trunked RAdio) is a user-driven open standard for next-generation digital mobile communications for professional users, delivering voice, data and messaging services for simple one-to-one or complex group communications. With end-to-end IP configuration using Thuraya broadband products, the DVI 100 from Piciorgros provides voice services in TETRA markets to keep users connected in remote areas across multiple platforms.

The TETRA standard serves to define a series of open interfaces, as well as services and facilities, in sufficient detail to enable independent manufacturers to develop infrastructure and terminal products that would fully interoperate with each other as well as meet the needs of traditional PMR user organisations.

How does Funk-Electronic Piciorgros – DVI 100 Tetra Modem work over Thuraya IP broadband terminals?

The Digital Voice Interface (DVI-100) can be set up easily with Thuraya IP interfaces to be connected to remote locations and IP-ready base stations.

Used with Thuraya IP broadband terminals, DVI-100 can be attached to a TETRA network in the same way as a normal TETRA hand portable, and it can be a member of up to 25 groups. When it receives a voice call, it sends a digital (UDP) data stream to it's IP port, rather than decoding the digitally coded ACELP data stream into analog audio and feeding it to a loudspeaker.



Who uses this solution?

The Digital Voice Interface (DVI-100) is an ideal solution for large enterprises and government entities for their voice applications using TETRA infrastructure.

Thuraya broadband terminals certified to work with Funk Electronic:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Piciorgros: info@piciorgros.com

DigiMed

Portable relief kit for rural and telemedicine needs

Maritime Internet & Data Management

Telemedicine

Critical Communication

Two-Way Video Communication

THURAYA

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About DigiMed

DigiMed makes it possible to deliver real time remote medical consultations, enabling crucial face-to-face consultations to take place between patients and doctors through "real-time" teleconferencing.

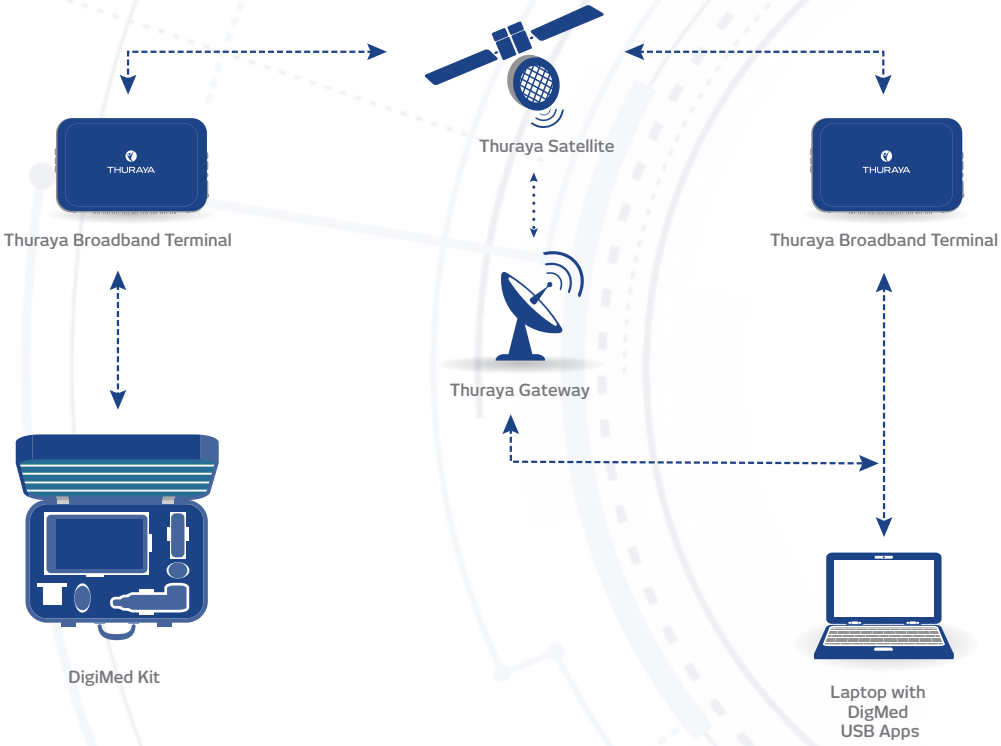
DigiMed is user-friendly and can be used on a low internet bandwidth. The DigiMed kit works across Thuraya's satellite broadband for medical consultation requirements.

Digimed provides secure patient electronic data capture, remote monitoring and support telemedicine care, offering safe and effective emergency care and decision support.
It encrypts high-quality, real-time video using only a fraction of available bandwidth.

How does it work over the Thuraya IP broadband terminals?

When used with Thuraya broadband terminals, DigiMed provides a reliable communications channel (text, audio, video, real-time patient data) beyond the coverage of terrestrial networks. An internet connection can be established by using an Ethernet cable or Wi-Fi from any Thuraya broadband terminal.

It can be used with the Thuraya IP broadband terminals to establish a secure, flexible platform that can be customized to specific businesses.



Who uses DigiMed?

DigiMed telemedicine kits are ideal for ships, private yachts and business jets; offshore oil platforms, mining and logging operations; international relief and aid organizations; and law enforcement and government agencies.

Thuraya Broadband Terminals certified to work with DigiMed:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP, Thuraya MCD Voyager, Thuraya Orion IP and Thuraya Atlas IP

Support

For sales and support, please contact:
Thuraya: customer.care@thuraya.com
DigiGone: Tel: +1 727 393 3037
Email: info@diginonymous.com

Horizon MultiVoIP

High-quality VoIP and messaging
from a smartphone app

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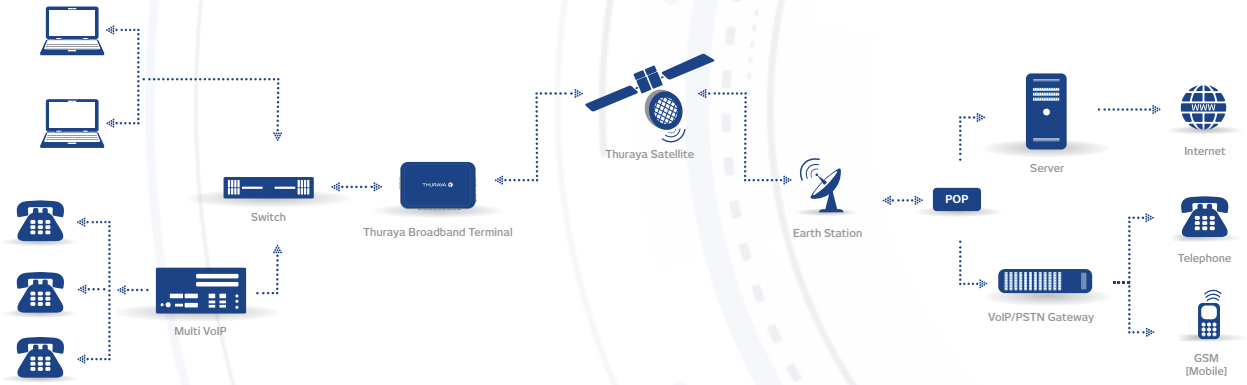
About One Horizon

Voice over internet protocol (VoIP) is increasingly popular with people who wish to make low-cost international calls. However, users are often frustrated by variable voice quality and the inconvenience of making calls from desktop PCs or laptops when they would prefer to use their own smartphones or a fixed-line phone.

Now a solution is available from Thuraya and VoIP expert One Horizon that significantly improves the quality of VoIP, allows users to make calls from their own phones, and guarantees access from any location within satellite coverage. One Horizon's proprietary SmartPacket technology reduces the amount of bandwidth needed to make a VoIP call, smooths out "jitters", and reduces latency and packet loss. The result is a better-quality call at a competitive price. The technology is fully compatible with Thuraya IP broadband and digital telecommunications standards and is capable of interconnecting any phone system over IP.

How does it work over Thuraya IP broadband terminals?

Users first download the One Horizon smartphone app and then connect wirelessly to an active Thuraya IP broadband terminal. The app will allow them to make VoIP calls and exchange emails and texts messages with recipients anywhere in the world over the Thuraya IP broadband network. SmartPacket supports VoIP calls using as little as 9kbps, compared with around 48kbps for some other VoIP platforms. The solution includes in-app top up, so users need never run out of calling credit. A shared IP phone service based on the same technology is available for settings where smartphone use is forbidden.



Who uses this solution?

This solution is ideal for organisations that deploy workers at sea, offshore or in remote locations on land where terrestrial communications are unreliable or unavailable. The availability of a bring-your-own-device option (the smartphone app), shared IP phones and interconnection with such as energy, marine and relief.

Thuraya broadband terminals certified to work with One Horizon:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager, Thuraya MCD Voyager, Thuraya Orion IP and Thuraya Atlas IP

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
One Horizon: horizon@horizon-globex.com

Ibexis

Data acquisition, monitoring
and control of remote assets

IoT, M2M &
Telemetry

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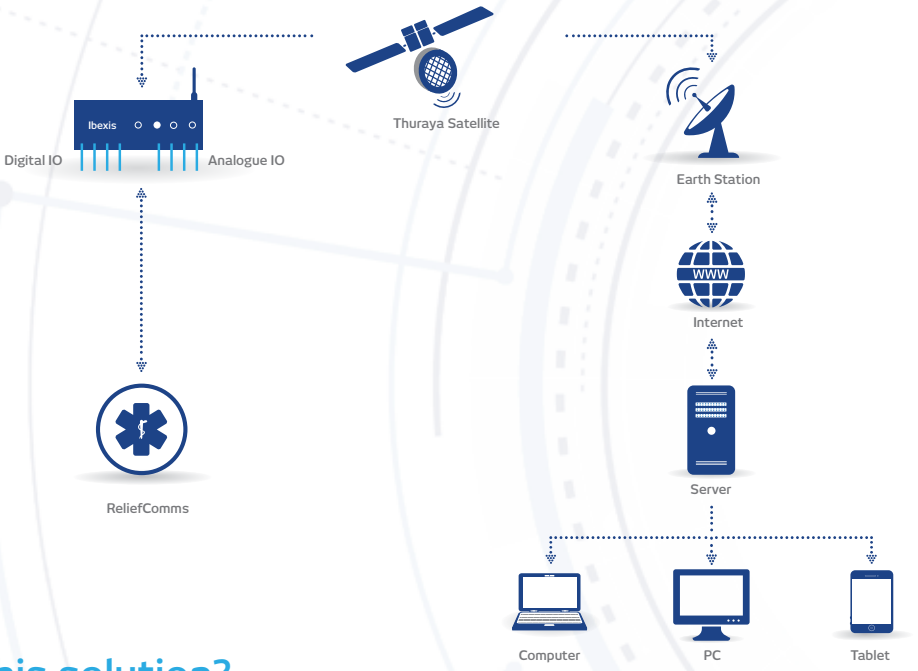
About Ibexis

Ibexis is a supervisory control and data acquisition (SCADA) solution used in conjunction with industrial sensors, probes and management and supervisory systems. When combined with Thuraya's IP broadband terminals and network, it offers a cost-effective, scalable means of acquiring data and controlling industrial equipment and systems at remote sites where terrestrial communications are unreliable or unavailable.

The solution is founded on an open systems approach, so is highly adaptable to a wide range of IT environments and standard industry protocols. Ibexis offers an end-to-end service via Thuraya's IP broadband terminals and network, comprising its IM series of products, industrial monitoring software, system integration services and proprietary multi-processor architecture.

How does it work over Thuraya IP broadband terminals?

Ibexis IM series devices are designed to be integrated with electronic peripherals such as cameras, security equipment, lasers, sensors and industrial systems hardware. Data from these peripherals is transmitted from a Thuraya IP broadband terminal to the Thuraya Earth Station. From there it can be delivered to a variety of user platforms, including desktop devices and handheld mobiles. When used with Ibexis industrial monitoring software, IM series devices enable users to control and monitor industrial systems and respond to alerts using laptops or smart devices.



Who uses this solution?

Ibexis has wide application in the energy, enterprise, marine and relief sectors, where there is a continual requirement for SCADA and telemetry applications. The solution can be deployed easily and quickly to collect data for industrial applications such as tank-level, ship's cargo and power-systems monitoring, pipeline flow, dam control and mining safety. Environmental monitoring is also supported, using sensors to gather real-time data on parameters such as rainfall, temperature, pressure, wind speed and pollution. Potentially, these data can provide early warning of natural disasters and support timely relief efforts.

Thuraya IP broadband terminals certified to work with Ibexis:

Thuraya IP+, Thuraya IP, Thuraya IP Voyager, Thuraya MCD Voyager, Thuraya Orion IP and

Thuraya Atlas IP

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Ibexis: support@ibexis.com

Librestream

Video collaboration delivers
expert opinion to any location

Two-Way Video
Communication

Video
Conferencing

THURAYA

RELIEFCOMMS

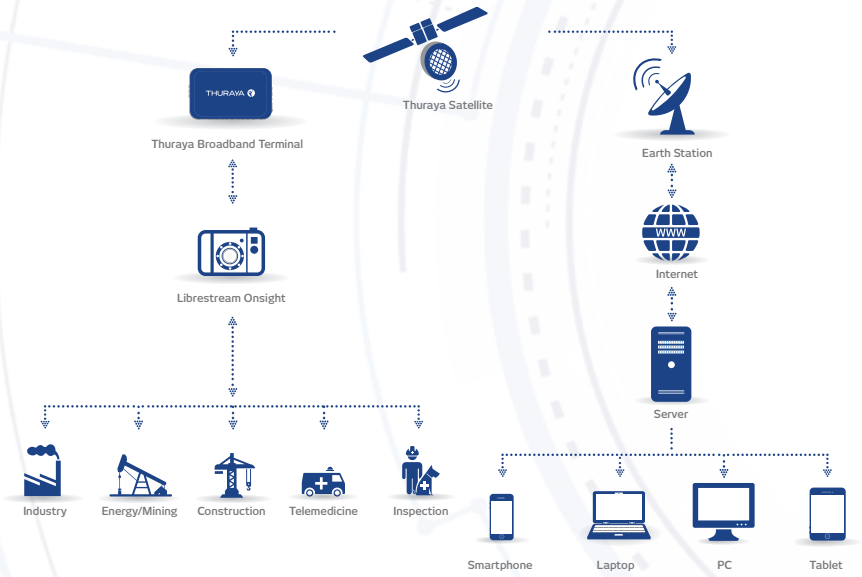
About Librestream

Thuraya and Librestream have come together to enable real-time collaboration from any location within the satellite footprint. The solution is underpinned by Librestream's pioneering Onsight platform, which extends far beyond traditional videoconferencing with an array of collaborative tools and techniques.

The inspiration for Onsight came from the founders' direct experience of working with technical teams in remote locations. All too often they had to fly out to look at a problem which, when onsite, took only 15 minutes to fix. What if they could harness mobile communications to create a collaborative solution that gave one or more experts a virtual presence onsite without having to leave their own offices? The result was Librestream Onsight, a collaborative platform that allows experts to remotely diagnose, inspect, discuss and troubleshoot assets in the field.

How does it work over Thuraya IP broadband terminals?

A technician in the field can use Onsight to share information with experts in other locations in a number of ways. By using a rugged wireless Onsight smart camera, he can transmit high-quality video and audio securely via a Thuraya IP broadband terminal and the Thuraya IP broadband network. This allows one or more experts working remotely to view and discuss the problem in real time, using features such as freeze frame to isolate specific areas for review. Remote users can connect from a range of devices, including desktop PCs, tablets, smartphones and video conferencing suites. Specialised video devices may be connected to the Onsight collaboration hub, such as an auroscope or ultrasonic camera for medical examinations. Collaboration sessions can be recorded and stored for future learning.



Who uses this solution?

The flexibility and functionality of Librestream Onsight via Thuraya makes it an ideal solution for sectors as diverse as energy, enterprise, government, marine and relief. Virtually any dispersed team that needs to collaborate urgently, securely and in detail on a technical issue will benefit. By bringing expert opinion to the heart of the issue within minutes, without the need for travel, the solution saves time and money and increases productivity. It can save lives in medical emergencies, when rapid diagnosis and care are crucial.

Thuraya IP broadband terminals certified to work with Librestream:

Thuraya IP+, Thuraya IP, Thuraya IP Voyager and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Librestream: communication@librestream.com

OneAccess

Optimising the efficiency of
Thuraya-enabled VPNs

Compression &
Optimisation

IP Bonding

THURAYA

RELIEFCOMMS

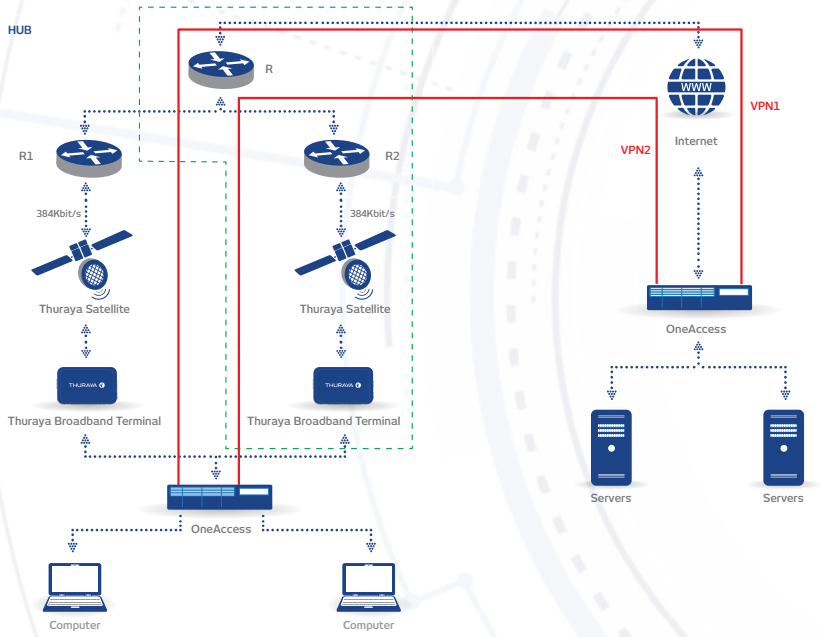
About OneAccess

OneAccess has teamed with Thuraya to improve the performance of virtual private networks (VPNs) and wide area networks (WANs) working over Thuraya's IP broadband terminals and network. The OneAccess UDgateway solution helps users achieve optimum efficiency, security and value for money from their web traffic and other networked communications.

The satellite-specific quality-of-service features of the OneAccess UDgateway enable bandwidth saving and a better user experience. OneAccess WEBcompress software optimises and compresses web content to accelerate web page loading. The solution's advanced link-bonding and load-balancing capability, together with its data compression and acceleration technology, enables aggregation of multiple satellite links capable of supporting high-bandwidth applications in remote and offshore locations.

How does it work over Thuraya IP broadband terminals?

At the remote-user end, UDgateway software optimises data from user applications before routing it securely across the Thuraya-enabled VPN. Acceleration features improve the responsiveness of applications, while an application-aware firewall clears the path for data to move more rapidly over the VPN. Real-time monitoring and management of network traffic enhances the performance for mission-critical traffic. At the destination location, a UDgateway central site service platform processes the incoming data and routes it to desktop computers and other devices.



Who uses this solution?

An increasing number of organisations in the energy, enterprise, government and relief sectors rely on VPNs to collaborate and communicate securely with a widely dispersed workforce, which connects from a range of desktop and other electronic devices. Where terrestrial communications are unreliable or unavailable, OneAccess over Thuraya's IP broadband terminals and network enables these organisations to extend the reach of their VPNs to almost any location with optimum efficiency and cost-effectiveness.

Thuraya IP broadband terminals certified to work with OneAccess:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
OneAccess: contact@sophia.oneaccess-net.com

RedPort Optimizer

A cost-effective WiFi hotspot in any location

Compression & Optimisation

Maritime Internet & Data Management

THURAYA

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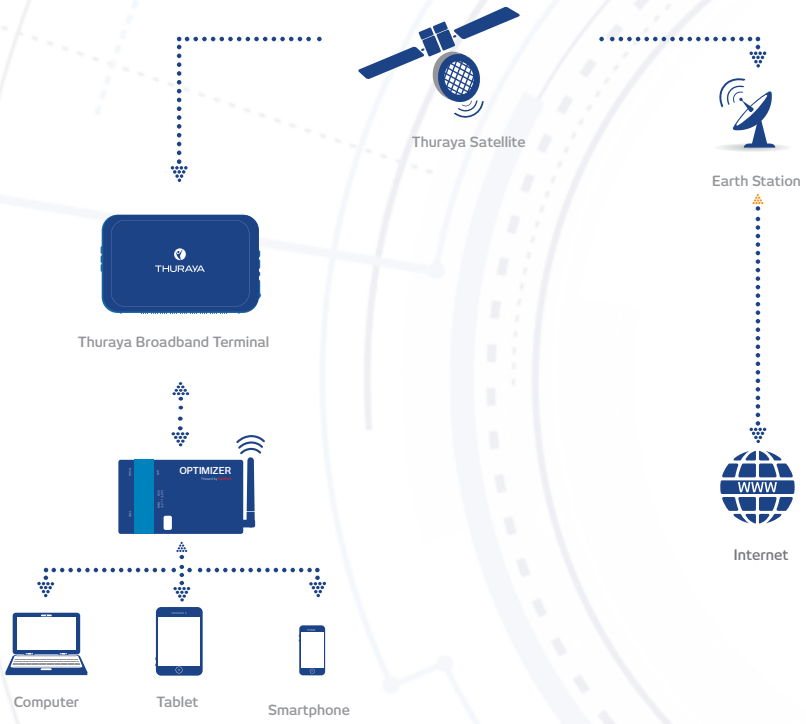
About RedPort Optimizer

Most people now carry some kind of electronic device, either for work or leisure, and want to connect it to a wireless network wherever they go. This creates a problem for those who spend extended periods in remote locations where terrestrial networks are unreliable or unavailable. Thuraya has teamed up with RedPort to solve the problem by using Thuraya's IP broadband terminals and network to enable WiFi hotspots.

RedPort Optimizer is a wireless router designed to work with the Thuraya service. In any place with a Thuraya IP broadband terminal – such as a mining-camp, a field hospital or a ship's bridge – RedPort Optimizer can be set up to broadcast the satellite data feed over Wi-Fi.

How does it work over Thuraya IP broadband terminals?

The RedPort Optimizer device connects to the Thuraya IP broadband terminal via an Ethernet cable and operates like a conventional Wi-Fi router. Users can connect their laptops, phones, tablets and other electronic devices wirelessly in the normal way, and use data applications such as email, web browsing and social media. The router's advanced features help to control costs and regulate traffic over the network. For example, the powerful firewall blocks all unwanted service, while compression and acceleration features control costs by reducing data throughput and improving the performance of applications.



Who uses this solution?

Combined with the reliability and functionality of Thuraya's IP broadband terminals and network, RedPort Optimizer enables anyone to set up a cost-effective Wi-Fi hotspot in any location within satellite coverage. This has wide relevance for work and leisure applications in sectors as diverse as energy, enterprise, government, leisure, marine, media and relief. As a bring-your-own-device (BYOD) system, this highly flexible and configurable IP data solution is extremely easy to set up use.

Thuraya IP Broadband Terminals certified to work with RedPort Optimizer:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager, Thuraya Orion IP, Thuraya Atlas IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
RedPort Global: info@redportglobal.com

RDC
Digital Barriers

A wireless perimeter that detects
the presence and type of an intruder

Tracking &
Monitoring

IoT, M2M &
Telemetry

Critical
Communication

Video
Surveillance

THURAYA

RELIEFCOMMS

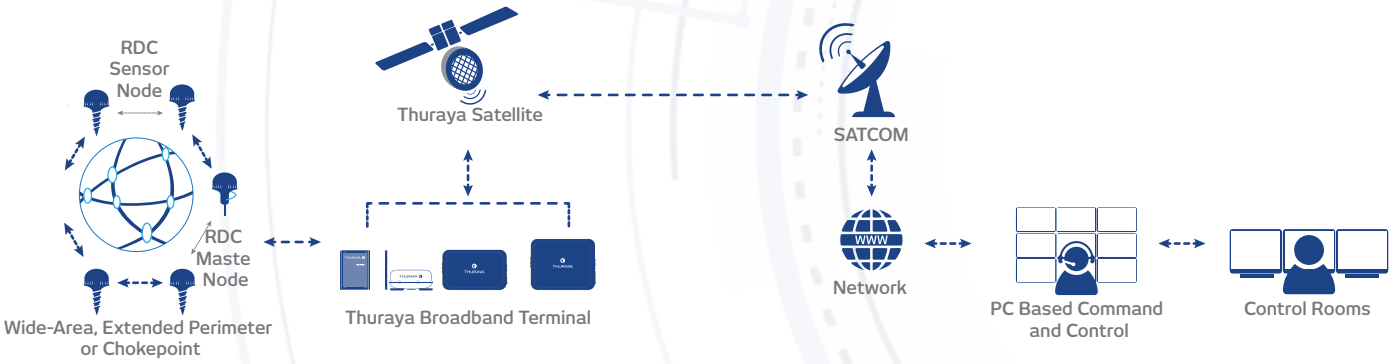
About RDC (remote detection and classification)

Monitoring borders and perimeters in remote areas can be challenging, particularly when there are no people on location. A physical barrier may deter intruders but is rarely impenetrable, and may be impossible or too expensive to erect in situations where rapid deployment and secrecy are essential.

The RDC (remote detection and classification) solution from Digital Barriers and Thuraya enables 24/7 monitoring and detection by rapidly creating a wireless perimeter connected to a Thuraya IP broadband terminal and the Thuraya IP broadband network. Ground sensors are deployable in minutes and will detect any attempt to cross the border by measuring vibration. The solution uses advanced algorithms to detect who or what has crossed – human being, animal or vehicle – and at what point.

How does it work over Thuraya IP broadband terminals?

The compact RDC seismic sensors can be placed easily into the ground along the border or perimeter the user wishes to monitor, and hidden with soil, leaves or other vegetation. Due to the very low power mesh radio network created, the sensors' battery life extends to about four months. A master, or "gateway", sensor connects to one or more Thuraya IP broadband terminals, which send low-bitrate signals via the Thuraya IP broadband network to a central control point anywhere in the world. The solution includes the option of real-time video streaming, which can be set to trigger when the sensors detect an intruder. Communications are two-way, so users can configure the system remotely.



Who uses this solution?

RDC has many potential applications in sectors such as government, enterprise and relief, when organisations need to monitor borders and perimeters in remote locations. The solution is particularly suitable when terrestrial communications are unreliable or unavailable and when a human physical barrier is not an option. It is ideal when the priority is to deploy, or remove, the perimeter rapidly and without attracting attention.

Thuraya broadband terminals certified to work with RDC:

Thuraya IP, Thuraya IP+, Thuraya IP Voyager, Thuraya IP Commander and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Digital Barriers: info@digitalbarriers.com

Scytale

Create your own GSM and Internet network

VoIP

Office on the Move

TETRA over Satellite or Radio over Satellite

THURAYA

RELIEFCOMMS

About Scytale

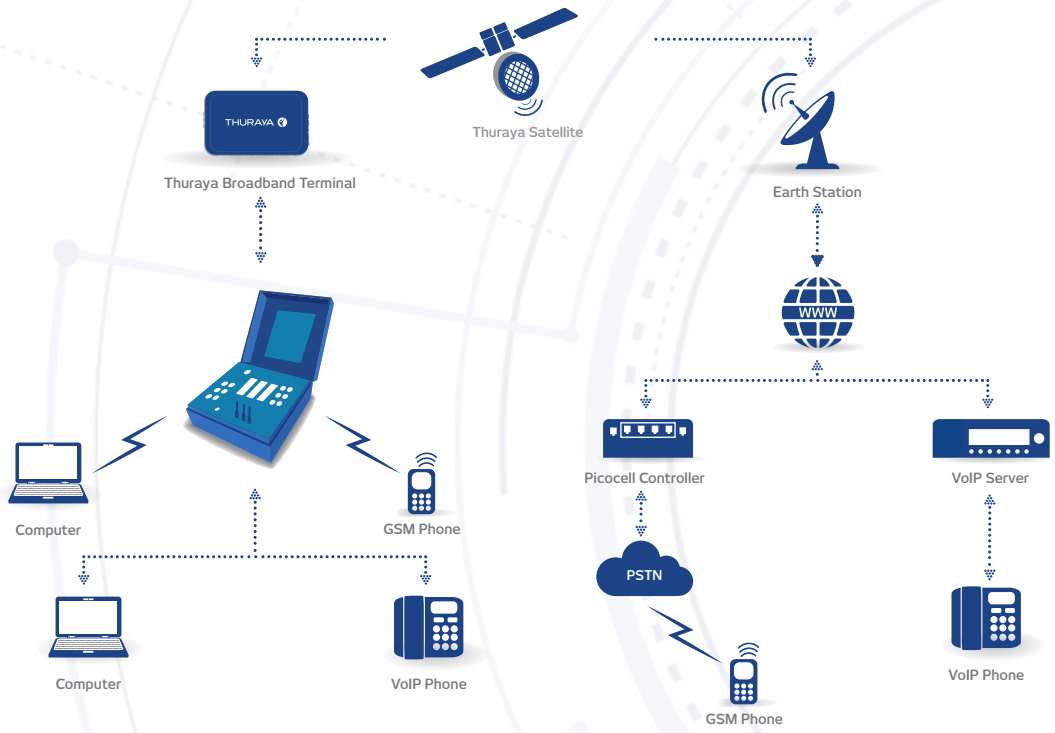
The Scytale solution creates a reliable communications infrastructure in areas where no such facility exists, or if the current network is unreliable. Scytale facilitates the quick set-up of multiple phone lines, internet connection and GSM mobile phone signals in any situation.

Scytale can be fully functional within five minutes of being switched on. It will then be able to transmit and receive voice calls, send and receive data transmissions and access the public or private internet over Thuraya's satellite network.

How does it work over Thuraya IP broadband terminals?

Scytale enables the deployment of a private, VoIP, data and GSM network via any of the Thuraya IP broadband terminals at any location within Thuraya's footprint.

It is housed within a single ruggedised box and is fully self-configured. An internet connection can be established by using an Ethernet cable from any Thuraya broadband terminal.



Who uses this solution?

Scytale is suitable for explorations in remote areas of the world, and disaster recovery. It is ideal for enterprises, relief organizations and government entities to manage their basic office applications.

In the event of a natural disaster, users can set up operational multiple phone lines, internet connection and GSM mobile phone signals - instantly.

Thuraya broadband terminals certified to work with Scytale:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
GRC: info@grcltd.net

Scotty

Situational Awareness, Critical Communication & Video Conference

Two-Way Video Communication

Critical Communication

Video Conferencing

Telemedicine

THURAYA

RELIEFCOMMS

About Scotty (Media Surveillance)

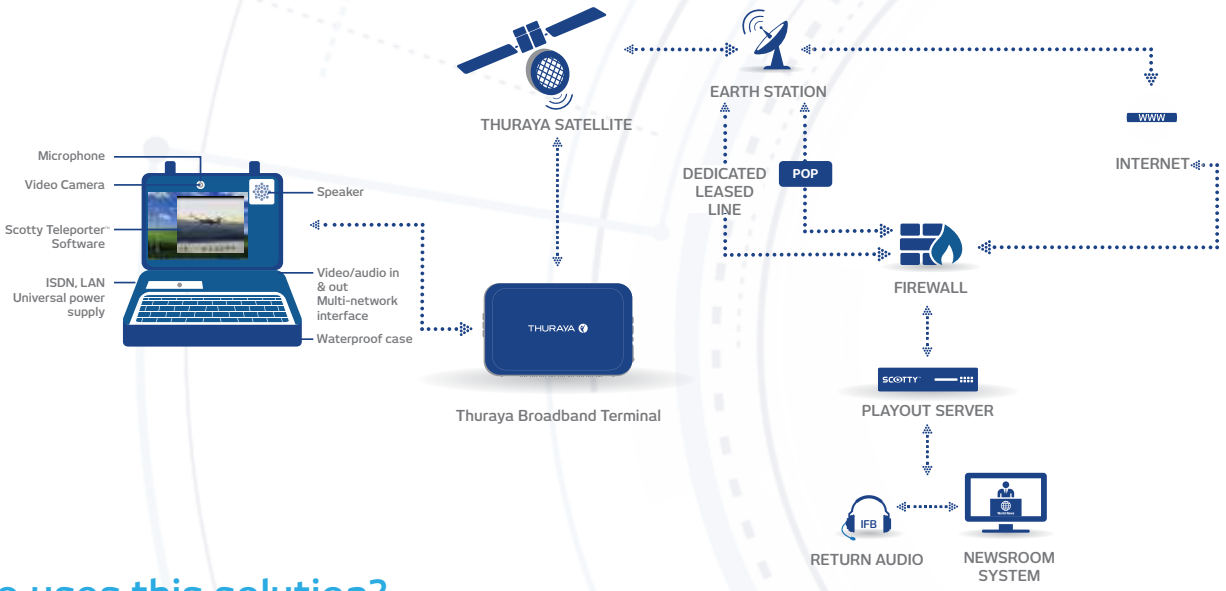
Scotty is an industry leading communications solution for media surveillance which provides video, audio and data transmission over any network. It has been especially designed to function in difficult environments with a protective, highly portable case. It is an easy to use all in one video and data communications system.

Together, any Thuraya IP broadband terminal and Scotty Mobile form a truly reliable all-in-one unit that provides several built in components which include a DC power supply, multiple network interfacing (no extra adapters needed), high resolution camera, speaker, microphone, and echo cancellation.

How does it work over Thuraya IP broadband terminals?

Scotty uses any of the Thuraya IP broadband terminals as it's main connectivity link in streaming mode for video.

This media solution is the ultimate tool for achieving successful video communications. It features an industrial PC, high speed data transfer system, digital video recording, standard H.320/H.323 video conferencing and T.120/H.239 data conferencing all packaged together in a ruggedized, easily deployable unit for reporters on the move.



Who uses this solution?

Several global companies rely on this durable, waterproof, shock-resistant system for successful field work. It enables users to report the news on the go while also sharing and sending data from anywhere in the world. Scotty is the ultimate mobile communications tool for journalists reporting from the field.

Whether you are conferencing, sharing data, sending data, or simply computing alone, this solution will always deliver outstanding results. In addition, users can take advantage of the optional encryption support to meet their crypto requirements.

Thuraya broadband terminals certified to work with Scotty:

Thuraya IP+, Thuraya IP Voyager, Thuraya IP and Thuraya MCD Voyager

Support

For help and support, please contact:
Thuraya: customer.care@thuraya.com
Scotty (Media Surveillance): support.emea@scottygroup.com,
support.americas@scottygroup.com