



Universat Satellite Service

Global Satellite Communication



Universat Italia Services is an independent satellite telecommunications operator that offers complete **communication solutions** for the nautical sector (commercial ships, passenger ships, fishing industry, yachts etc ...), for aeronautical, vehicular and land applications in remote areas, through the **main global satellite networks** of **Inmarsat, Iridium, Thuraya** and other constellations and partners, leaders in SatCom for **VSAT** technology.

Satellite Service Provider and **authorized distributor** for the supply of the equipment of the main manufacturers, Universat represents a unique and qualified reference for the corporate or private client, for government agencies, the military and defense sectors that need to procure **devices** and satellite equipment, **activation** and billing of traffic, support and planning, installation and configuration of the service.

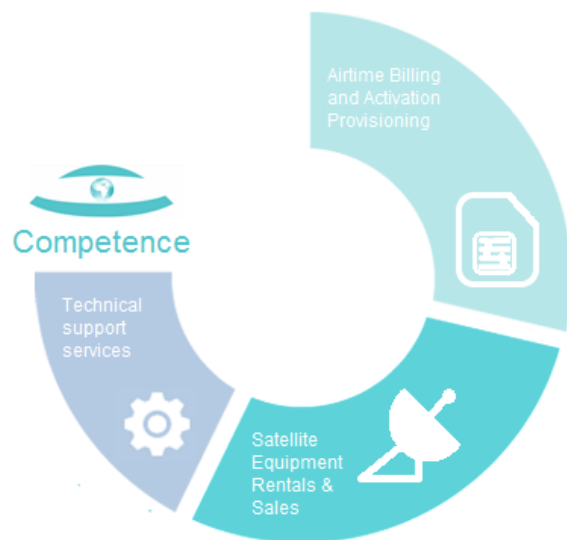


ALL-IN-ONE
SOLUTION

The Italian company team is made up of specialists who have gained in-depth **experience** and **professionalism** in the satellite telecommunications sector, operating for over 15 years in the marketing and management of Satcom solutions. We focus on the **efficiency, flexibility, speed and optimization of costs**; we provide advanced, reliable and secure communication solutions, adapting all our offers to meet the needs and business requirements of each individual customer.



We operate on multiple levels



► Airtime Billing and Activation Provisioning

Universat Italia Services Srl is a satellite telecommunications operator authorized by the Italian Ministry of Economic Development & Communications and has special distribution agreements with the largest satcom providers, as well as established strategic partnerships with operators of terrestrial satellite stations (LESO) worldwide.

This status allows Universat to offer its customers a wide range of customized and exclusive telecommunications solutions; excellent quality-price ratio for the provision of connectivity, value-added applications and services. Its efficient Activations Department operates the rapid activation of the satellite service for the customer, with a prepaid plan, or a subscription based on consumption, managing the timely billing and reporting of the traffic generated by satellite utilities.

► Satellite Equipment Rentals & Sales

Authorized distributor of the main satellite equipment manufacturers, Universat is the reference for the sale and supply of Satcom systems, equipment and accessories, certified by the satellite network, guaranteed, of official origin.

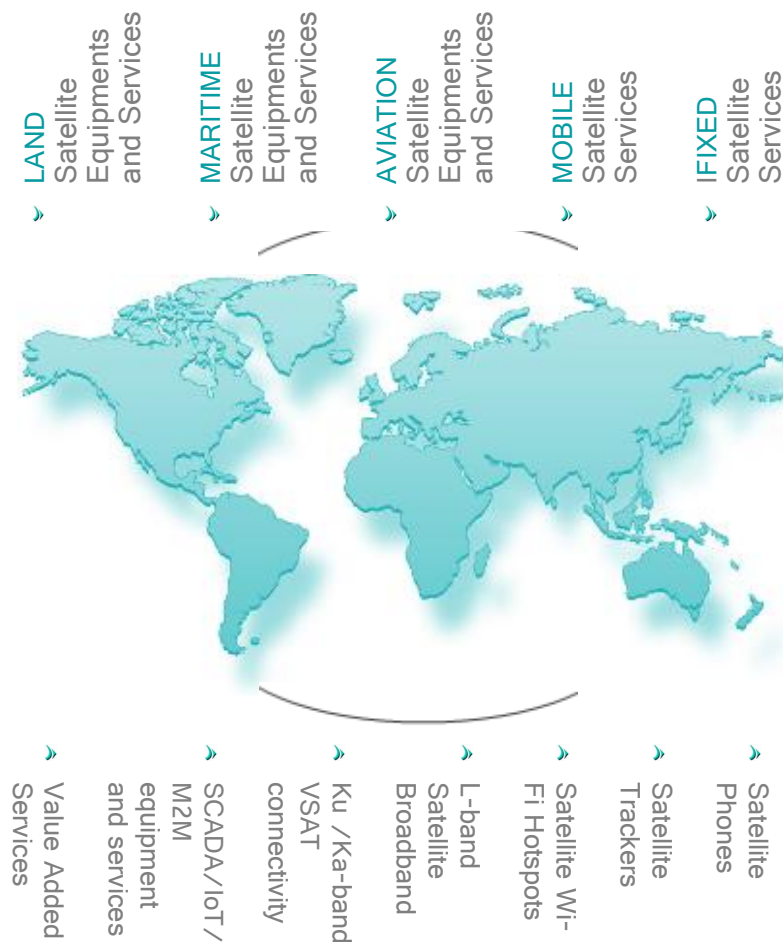
► Customer Support Services (Customer Service & Technical support)

The Universat Customer Service manages customer communication lines and traffic; the technical team provides support and assistance to the customer in the phases preceding the activation, for the planning, installation, configuration and those subsequent to the activation of the services, for the maintenance and monitoring of the systems.



Single contact point for Global Connectivity

» 360 degrees
connectivity,
worldwide,
including the poles!



- » High Definition Voice
- » Circuit-Switched Data
- » IP Data (Broadband)
- » Streaming IP Data (Broadband)
- » Short Burst Data
- » Messaging
- » VSAT
- » Maritime Safety Services GMDSS
- » Prepaid and PostPaid satellite services

Tailor-made solutions for different markets



Universat Italia Services Srl has always carried out an activity aimed at finding new means to best meet the requests for technologically advanced communications from Italian and International Customers, ensuring them timely and qualified technical and commercial support through highly specialized professional figures. The company is present on the national territory and, through some partnerships, also at international level, playing a leading role in the provision of terrestrial, maritime and aeronautical satellite mobile telecommunications services.

Universat Italia Services Srl now has a wide range of ideal solutions for different sectors: navigation, aeronautics, oil, construction, forestry, tourism, etc... Its activities, deployed nationally and internationally, consist in the supply and in the installation of transmission equipment in L/C/Ku/Ka band, as well as in the sale of satellite traffic, the management of satellite and exclusive services, with added value.



SatPhones



Mobile Broadband



Maritime Broadband



IoT & M2M



VSAT (Land & Maritime)



VAS Value-added Services





SatPhones

Reliable and clear voice and messaging service anywhere in the planet, regardless of distance.

The fixed and mobile telephony provided by Universat allow essential voice and messaging calls for those operating worldwide in remote regions and in critical environments, and play an essential role when the main terrestrial networks suffer disruptions due to disasters.

Universat provides portable, fixed and mobile services using the most advanced satellite communication networks in the world, always careful to guarantee the reliability of on land calls, at sea or in flight. Calls are made through the individual global networks, as in the case of Iridium and Inmarsat networks, so there are no roaming costs and users benefit from up to 100% network availability, clear voice quality and minimizing costs of call.



With satellite **WiFi hotspots** we are able to offer solutions that allow to connect one's smartphone/tablet via satellite, thus maintaining voice and data connectivity where there is a shortage or absence of the GSM network.



PTT

Hybrid communications via satellite and radio

PTT (Push-To-Talk) radio solutions can be used in combination with satellite networks, allowing a greater range of services.

It is a voice and data communication solution based on economic IP, designed to replace the VHF / UHF trunk radio systems widely used in the search/rescue, utility, mining and oil/gas sectors.

PTT extends the classic features to route traffic to 2G/3G/GPRS terrestrial networks with the ability to also route satellite networks when terrestrial coverage is not available.

Without user intervention, the requested traffic is automatically routed through the least expensive network available.





Portable Broadband Satellite Land Station

Designed for mobility, they are small and lightweight terminals, quick to deploy and easy to use for access to economical simultaneous voice and broadband data communications, globally, anytime, anywhere.

Available in portable formats no larger than a laptop, or for semi-fixed/hybrid applications, they allow you to readily have a high speed connection via satellite, up to 1.400Kbpd, in any "grab and go" situation, with various options of provision of services and equipment variants, including vehicular versions for land transport means, thus able to satisfy a variety of operational needs. The user installs immediately, obtaining broadband data connectivity and secure voice in a few minutes, without the need to operate difficult configurations.





Maritime L-band Satellite Broadband

Global mobility for all maritime users

It offers resilient voice and broadband (and narrowband, for IoT applications) data connectivity, anywhere in the world and at any time and under any weather conditions. The technology provides a wide range of antenna functions and dimensions, designed to respond to any specific operational need.

Marine broadband terminals and services, designed for mobility, offer smooth, reliable and secure communication capabilities anywhere in the sea, a reliable end-to-end satellite "push button" service for voice, data and video communications.



They are designed to ensure robust connections, with an average network availability of over 99.9% and consistent satellite performance that is not affected by climate or geographic changes.



Maritime Emergency & Safety

Security is in our DNA, and it is the main reason for our service offer with reliable satellite communications.

Sailors in dangerous and difficult conditions must know that their request for help will be heard, regardless of where their ship is and how bad the conditions are. Reliable equipment and solutions could make the difference between life and death.

Universat offers reliable solutions including; ATEX security radio, GMDSS equipment, anti-piracy solutions, traceability and broadband.

When disaster strikes, there is a medical emergency, a storm, a collision, sailors know that they can rely on our equipment, solutions and support staff to communicate immediately.





IoT & M2M Satellite Solutions

Management and monitoring of remote resources at a global level

We have a broad portfolio of machine-to-machine (M2M) services that provide cost-effective bidirectional data connectivity for messaging, tracking, diagnostics and monitoring of fixed or mobile assets, anywhere in the world. From protection of critical infrastructures, to personnel and resource monitoring, to environmental monitoring, Universat's M2M services provide users with a reliable, secure and global solution provided independently of local terrestrial networks. It allows the transmission of bidirectional text and data, and GPS tracking for users who need high levels of availability and data performance in permanently unmanned environments.



A wide range of mobile and static terminals of small size, weight and power (SWaP), which are connected to industry standard sensors and controllers, can be integrated with the wide range of Universat value-added services for control and reporting applications, and are optimized for SCADA traffic profiles, providing low-latency data transmission, ready for use and delivered within a secure network environment.



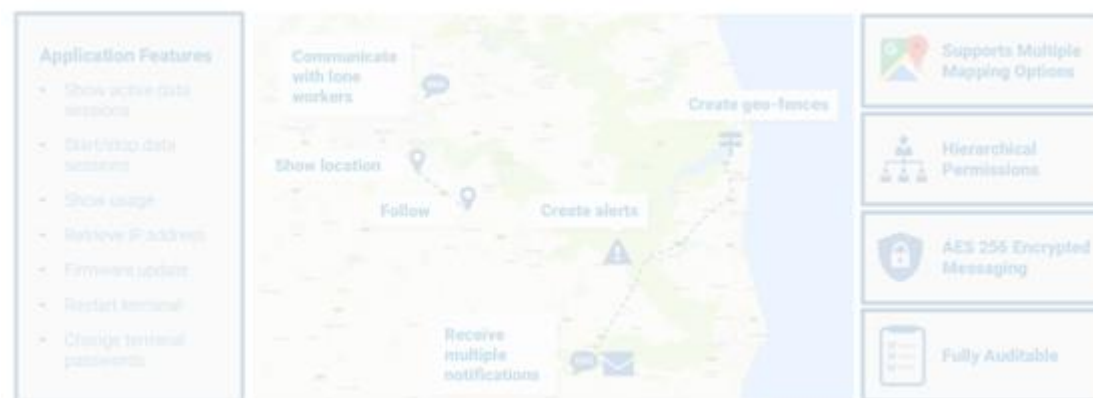


Tracking

Designed for mobility, they are small and lightweight terminals, quick to deploy and easy to use for access to economical simultaneous voice and broadband data communications, globally, anytime, anywhere.

Many of the products available in our portfolio support integrated tracking functions or are compatible with the tracking application provided by Universat.

The tracking solution proposed by Universat, is a web-based application for powerful and flexible satellite localization, which allows fleet management, as well as providing monitoring services to resources using various satellite networks.

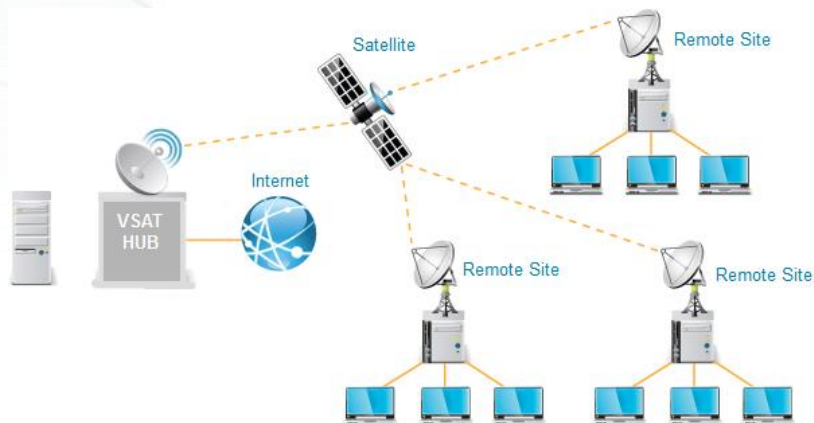




VSAT Land Connectivity

Broadband and VoIP connectivity for terrestrial applications

The VSAT connectivity provided by Universat can be used in a wide range of applications and is suitable for installation in any environment. Government agencies, entrepreneurial organizations active in the energy, media and construction sectors, humanitarian organizations frequently operate in remote areas where terrestrial infrastructures are absent or lacking, generally not able to guarantee the indispensable voice and data services with secure and reliable connections.



Universat VSAT solutions meet all requirements, providing customers with end-to-end network solutions; the Universat team is able to design, deliver and install tailor-made VSAT connectivity solutions, tailored to the specific needs of the customer's remote sites, and depending on the duration of the project. The global satellite capacity of the main satellite operators, Universat partners, combined with the vast presence of interconnected teleports in fiber to the terrestrial network, guarantee complete control and management of the elements and data transported to the individual terminations.



VSAT Maritime Connectivity

Global mobility for all maritime users

As an independent satellite telecommunications operator, Universat is able to offer the best VSAT communication solution for the merchant & commercial, cruise & ferry, oil & gas, offshore and yachting sectors, whether they are useful for Internet access, voice services, video streaming , or for monitoring and remote control of the ship's parameters from the ground.

Universat already collaborates with its customers for the design, therefore identifying the technology that best meets their specific needs, as well as reliability and flexibility requirements obtained through a careful selection of VSAT manufacturers partners and primary airtime networks.

The service offer includes regional and multi-regional coverage in KU- and C-band, global coverage in KU-, C-band and new KA-band (HTS) on Telenor's THOR7 satellite, as well as Inmarsat FleetXpres.





We make the connectivity provided efficient

INTEGRA

It is the efficient and most advanced system for real-time control of satellite communications applications and on-board traffic management. Accessible from a web control panel, it allows you to inhibit unwanted traffic to reduce costs and make the most of bandwidth. Identify the individual applications used on the satellite connection, including the encrypted ones; display real-time satellite IP traffic, and applications that engage the band; block or set the total monthly traffic volume limits for certain categories or individual applications, giving priority to bandwidth for business-critical traffic.

IRIS

Monitoring and remote control application for IoT applications via satellite that allows to fully exploit the potential of IoT and M2M applications. The application is versatile and customizable and is suitable for a wide range of applications from pressure monitoring and sensors, to animals and personnel.

Onsat-TRACK

complete end-to-end for global assets, real-time position reporting, 24 hours, 365 days a year. Managing and monitoring the single ship or fleet is simple and practical with the web-based mapping solution that allows access to reports by single interrogations or with a programmed reporting frequency so as to satisfy the different needs of customers.

iCSA

It is a solution that unifies the radio and IP communications between the different networks and devices (for example radio, push-to-talk and satellite technologies) that operate jointly on a vast area, used by personnel, vehicles, ships and air transport, defense units, emergency services and local government organizations.

Unification of communications and operations control centers is an important part of iCSA's capacity:

- One-to-One communications
- One to Group communications
- From one to ALL communications

MobileLink

Service that allows you to call from terrestrial telephony (Fixed and Mobile) satellite networks at extremely cheap rates, bypassing the terrestrial network operator and its exorbitant rates: from the terrestrial telephone it is sufficient that the customer puts the personal access code before typing satellite numbering; the call will be invoiced by universat at cheaper rates.

PrePaid, PostPaid, CrewCalling

Prepaid / rechargeable and subscription service plans. Separation of the crew's personal traffic costs.

Onsat-MAIL

It is a Server/Client solution for optimized management of email messaging. Uses IP-based satellite connection or Circuit Switched Data (CSD), a data transfer protocol specially designed for low bandwidth data transfer, which compresses data, reduces connection time and increases throughput on CSD connections and the general traffic of IP-based connections.

Business Access

It creates an entirely private network, or closed-user solution, among users who use Inmarsat mobile satellite terminals and the Company Intranet, being able to easily extend their LAN to remote laptops / PCs connected via satellite.

It works by means of a secure interconnection between the corporate network and the value-added infrastructure offered by Universat. It is made available via Leased Lines or IP / VPN (VPN tunnel between our POP and the customer's location).

Secure access through credential protection. The remote user is connected directly to the company network without going through the Internet, strengthening the corporate LAN security policy and reducing the general security policies for the satellite "stretch".

Guaranteed Access

Basically the satellite connectivity guarantees a certain bandwidth up to the termination point of the satellite network (satellite ground station). Without a "special regime", the transmission capacity, therefore speed and security of the information transmitted, will inevitably be bound by the limits of the terrestrial internet infrastructure.

With the Guaranteed Access service, Universat extends the guaranteed bandwidth by creating a dedicated end-to-end connection from the satellite station (LES) closest to the customer and up to its location. With Guaranteed Access our customers can always guarantee the bandwidth they pay. The dedicated connection can be made through Leased-Line or ISDN, appropriately sized according to the bandwidth needed.

IP Access

It is the value added service of Universat that allows you to benefit from all types of Internet access: public, private, static and dynamic IP addresses. IP-Access is flexible enough to support all your VPN applications and needs:

- Private IP Address (Dynamic)
- Public IP Address - Dynamic
- Public IP Address - Static



Universat Company reference

Universat Italia Services Srl

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Technical Support | customer.support@universatitalia.it

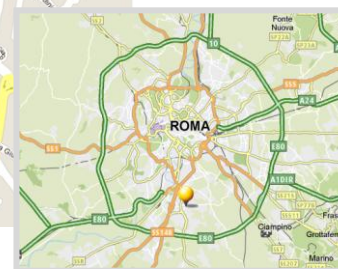
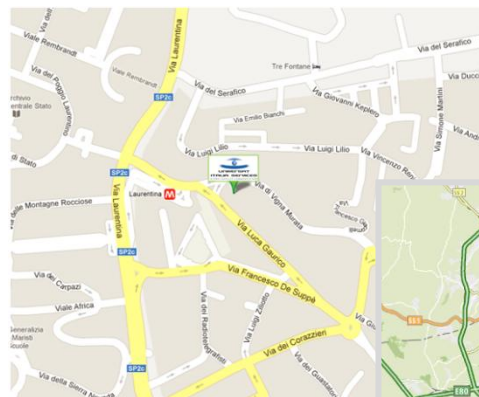
Emergency contact | T.: +39 36 63009330

Corporate headquarter map



Rome EUR

Viale Luca Gaurico, 9/11
00143 Roma – Italy



By Road:

From Fiumicino/Leonardo Da Vinci Airport

- Take the highway Fiumicino-Rome exit EUR direction Via di Vigna Murata.
- G.R.A.(Grande Raccordo Anulare) exit Laurentina or EUR.

By Air:

- Leonardo da Vinci/Fiumicino Airport

By Public Transport:

- Underground Line B direction Laurentina.
- EUR Laurentina terminus