



MARCO POLO - FULLSAT - BUSINESS SAT

BROADBAND MULTIMEDIA SATELLITE SERVICES

Telespazio provides a broad portfolio of IP (internet protocol) broadband satellite communication services aimed at small and medium-sized companies, large industrial clients and the public administration.

Where there is no terrestrial infrastructure, satellite connections can offer the business market, which demands broadband services, the best compromise between cost, performance and set-up time.

Telespazio's satellite solutions can offer all of the above, with performance that is among the most advanced on the market today.

Through its approved distributors and technological partners, and using sophisticated, dedicated platforms that ensure optimal coverage of all geographical areas (countries) where the service is available, Telespazio can supply advanced solutions both in Italy and abroad.

These include:

- internet and intranet connection
- FTP
- e-mail
- web applications
- private IP networks, which are secure and not dependent on terrestrial connection
- network and equipment monitoring
- back-up and disaster recovery
- exchange of operating data
- remote telephone systems (VOIP)
- IP/TV videoconferencing and video communications
- telemedicine and distance learning
- remote surveillance

The Telespazio Service Centre, at the "Piero Fanti" Space Centre in Fucino (NCC Network Control Centre), transmits the DVB frequency, and connects remote internet or intranet terminals via IPOS-standard time division multiple access (TDMA) channels.

Finally, a partnership programme ensures comprehensive technical help for all those who are part of the Telespazio network.

SERVICES

For the Italian market, Telespazio offers **Business Sat**, the broadband internet access service via satellite that the company developed for Telecom Italia, using the systems of Hughes Network Systems. Because Business Sat uses exclusively satellite-based communication, it can give companies and government bodies internet access and allow them to create private virtual IP networks with all the advantages of broadband connection even where there is no terrestrial infrastructure. Thus Business Sat, the choice of more than 1,500 users to date, eliminates the obstacles to broadband access for companies and institutions penalised by the “digital divide”.

Telespazio's services for foreign markets include FullSat and Marco Polo.

FullSat offers rapid internet access anywhere, thanks to its bi-directional satellite connection. Designed for business and government work, FullSat links up companies, government bodies and small local authorities, even where there is no terrestrial communication infrastructure. Since it is readily integrated with other technologies, FullSat is an innovative, flexible tool that can also be used for communication with maritime and terrestrial transport vessels, supply to wi-fi areas and VOIP traffic.

The innovative **Marco Polo** is a new solution from Telespazio, which offers bi-directional satellite broadband services to East European and North African markets. MarcoPoloTM was created by the synergy of three leading companies in their respective core markets: Telespazio, Hughes Network Systems and Intelsat. Thanks to their high level of expertise, they are able to offer business clients high performance and maximum security. MarcoPoloTM provides fast, reliable and secure broadband internet access via satellite, which Telespazio ensures through the latest generation of systems from Hughes Network Systems (IPOS standard technology). Using the power of the Intelsat satellite as its exclusive means of transmission, it allows companies and government bodies to access the internet for data and voice connection (VOIP) and to create private virtual IP networks with all the advantages offered by broadband connection even where there is no terrestrial infrastructure. The applications of MarcoPoloTM can be summarised as follows:

- internet and intranet connection
- FTP
- e-mail
- web applications
- private IP networks, which are secure and not dependent on terrestrial connection
- network and equipment monitoring
- backup and disaster recovery
- exchange of operating data
- ONNET and OFFNET (VOIP) telephony
- IP/TV videoconferencing and video communications
- telemedicine and distance learning
- remote surveillance

