

SATELLITE BROADBAND

Our **Satellite Broadband - Corporate BAS** is a high-speed Internet connection for remote sites with unlimited traffic.

Satellite technology allows communication solutions to be implemented anywhere in the country, offering the same benefits and features while meeting connectivity, availability, and reliability needs 24 hours a day, 365 days a year.

We provide the best telecommunications infrastructure available for a variety of industries. We guarantee reliable, safe, and continuous operation under any weather conditions.

Our technology maximizes efficient energy consumption, making it the most suitable for operating via solar panels or wind generators.



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SATELLITE BROADBAND

State-of-the-art satellite platforms

iDirect Evolution, with its open, scalable, and efficient architecture, offers high quality, flexible, and low latency broadband services, making it suitable for critical applications such as communications for the oil industry, emergency services, and any other context that requires reliable and highly available connections.

Its main features are:

- ▶ State-of-the-art DVB S2X digital broadcasting standard
- ▶ Satellite modem for easy configuration and quick deployment
- ▶ Lowest star topology latency on the market
- ▶ Modern and robust infrastructure with virtualization and 100% redundancy



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Gilat SEIC X Chassis represents the latest advances in satellite transmission technology, incorporating support for multi-beam HTS satellites and native GTP (GPRS Tunnelling Protocol) acceleration.

This sum of features provides support for high-speed networks and specific applications such as cellular backhaul, on-board internet, and high-speed services. In addition, it has automated processes for all stages of the service, allowing for an agile installation and efficient management, simplifying operation and administrative needs.

Robust satellite modems complement the platform, guaranteeing always on connections with complex traffic handling, without the need for devices such as external traffic meters.

Its main features are:

- ▶ DVB SX2 and LDPC broadcast standards
- ▶ Multiple optimizations for cellular backhaul
- ▶ Easily scalable modular architecture
- ▶ Robust, high-performance satellite modems



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Satellites we operate with

ARSAT-1

Geostationary satellite operated by the Argentinian state-owned company ARSAT and built by the technology company INVAP, provides data transmission, IP telephony, and digital television services, among other things.

ARSAT-1 was financed and developed entirely in Argentina and covers their entire countries' territory.

INTELSAT IS37e

HTS (High Throughput Satellite), operated by Intelsat, features the latest technological advances in high-speed satellite transmission, serving the growing demand for bandwidth.

Bandwidths offered

Download speeds up to 30 Mbps and upload speeds of 3 Mbps with shared services and download speeds up to 45 Mbps and upload speeds of 20 Mbps with dedicated services.

- ▶ iQ/X1 BUC 3W Download: 95 Mbps Upload: 3 Mbps
- ▶ Capricorn 4 / Gemini 4/e BUC 4W Download: 95 Mbps Upload: 5 Mbps
- ▶ Capricorn 4 / Gemini 4/e BUC 8W / Antena 1.2m Download: 95 Mbps Upload: 7 Mbps
- ▶ Capricorn 4 / Gemini 4 BUC 8W / Antena 1.8m Download: 95 Mbps Upload: 10 Mbps



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TLP Infrastructure

Complementing the technological offer, our primary antennas are equipped with the latest advances in satellite communications and monitoring. Fully redundant transmission and reception chains are linked by fiber optics to our satellite HUBs and monitored 24/7 by modern monitoring systems. Automatic digital control motors provide optimum signal levels, and weather compensation systems guarantee operation in any circumstances. This provides continuous availability and best quality in our services.

All platforms are managed by our engineering and NOC team, trained and certified abroad by the manufacturers in training centers at their headquarters.



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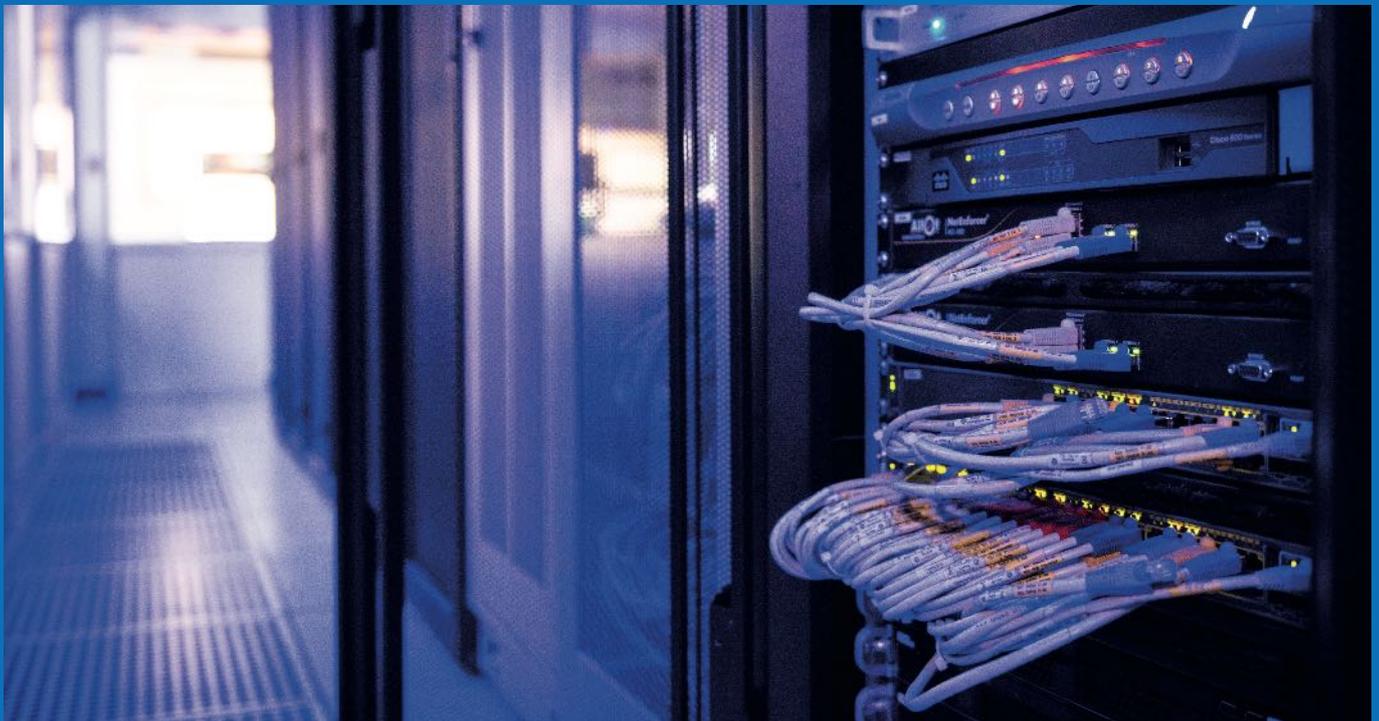
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Transmission antennas:

- ▶ 6.3m / 4.5m / 3.8m Master Antennas
- ▶ Available power levels of: 750W / 380W
- ▶ State-of-the-art GDSatcom control and monitoring equipment

Infrastructure:

- ▶ High-capacity and high-availability Uninterruptable Power Supply (UPS)
- ▶ Smoke, temperature, and humidity detectors
- ▶ FM-200 fire suppression system
- ▶ Biometric access at all access points
- ▶ Closed-circuit cameras



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