

TELECOM MARKET INTERNET ACCESS

CEIBAL PLAN URUGUAY

Government of Uruguay – Antel.
Inside the OLPC program.
Internet access for 500 schools.



PGMU BRASIL

500 localities with fewer than 100 people in northeastern Brazil.
Telephone and Internet via satellite.



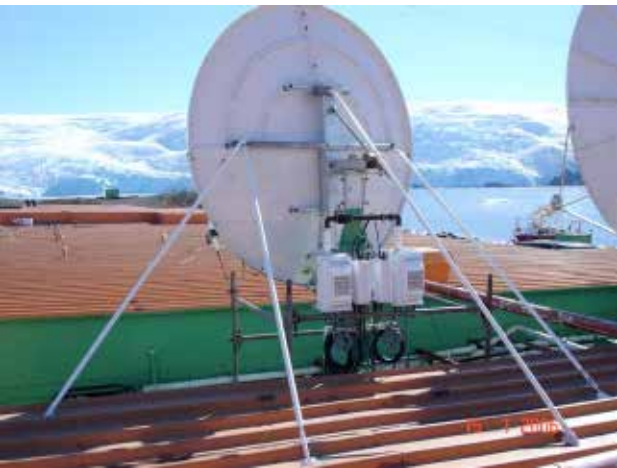
CHILE LINKS

Internet access.
Public subsidy (Subtel - Links Program)
Three years duration.
540 schools and remote locations.



ARGENTINA ANTARCTICA

Remote areas of Antarctica Argentina.
Internet, data, telephony.



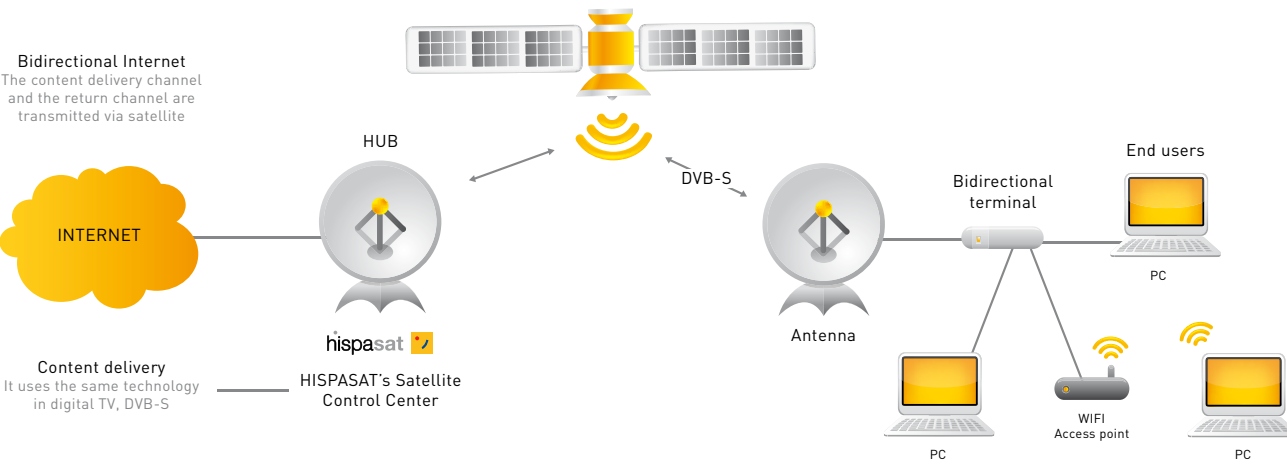
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THE WAY TO BROADBAND SERVICES

A satellite communications link can be used by any internet service provider (ISP) to have direct and secure access to the internet backbone.

- Giving underserved areas universal access to internet.
- Eliminating congestion or lack of capacity in current networks.
- Reducing the cost originated by the booking of lines or fibers.

HISPASAT satellites are being used to extend communications to rural areas, giving these areas universal access to the Internet. HISPASAT satellite links are the choice to access the Internet Backbone for ISP's in Europe, The Americas and North Africa. HISPASAT uses IP platforms to deliver Internet access services to the customer (corporate Internet, residential Internet and Internet in mobile environments). These platforms are operated from our Control Centers in Madrid and Brazil. The Forward Channel as well as the user Return Channel are wholly provided via satellite.



Through HISPASAT IP platforms you can gain access to advanced solutions and multimedia applications. The know how acquired by HISPASAT in the development of broadband solutions permit to offer value added services to its clients over HISPASAT broadband platforms, achieving turnkey solutions adapted to each particular requirement.

TELECOM MARKET

INTERNET ACCESS

Multimedia

- Teleapplications
- Multicast distribution
- Videoconference
- VoIP

Value added services based on Hispasat broadband platforms.

Broadband network services

- In mobile environments
- Internet access
- Back Up satellite links
- Internet access (corporate/residential)

Internet backbone access

- IP backbone

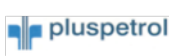
Basic network services

- Backbone links
- Cellular backhaul

Basic services to telephone companies, mobile network operators, Internet Service Providers, and other network operators.

ADVANCED SOLUTIONS SUCCESS STORIES

OIL & GAS



W.I.C.A.P.S.A

MINERY

Asociación Minera de Andacollo

TELEMEDICINE



DEFENSE



GOVERNMENTAL SECTOR



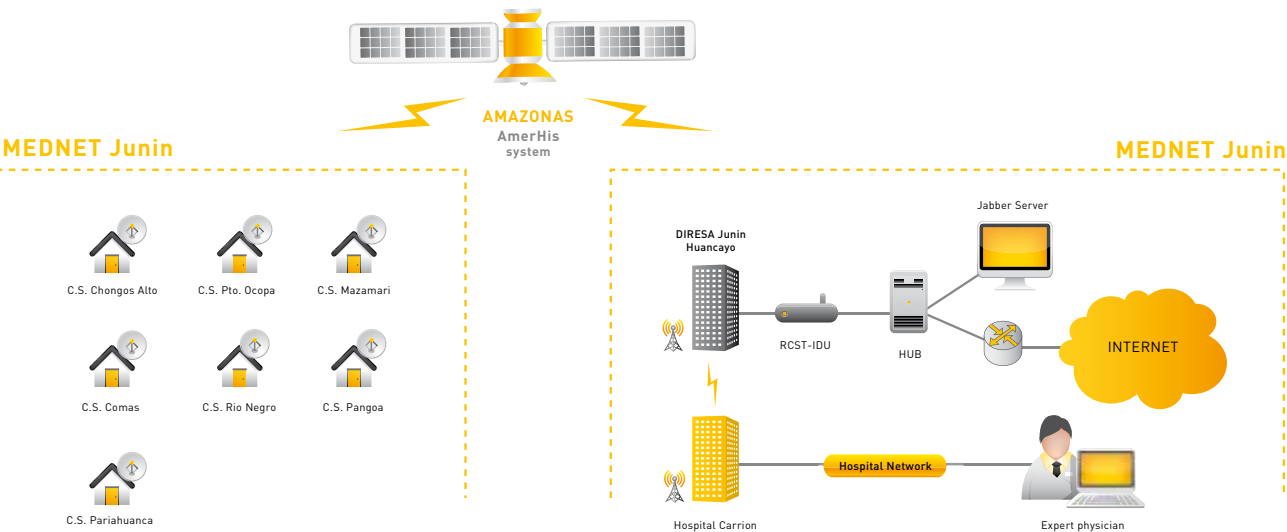
MEDNET

The aim of MEDNET project was to create a distance health care network in Peru, which allows to help people in virtually abandoned villages.

Through the network, medical offices in these areas, which usually have very limited resources, have a direct connection to a specialist and the regional authority (the Junín Regional Health Directorate)

HISPASAT participated in this project as satellite broadband network provider.

It was supported (in part) by the European Union (Seventh Framework Programme FP7/2007-2013).



CONNECTIVITY FOR TOLL ROAD BOOTHS IN CHIHUAHUA-MEXICO

The Government of Mexico launched in 2008 a public bid to provide connectivity to state and federal toll booths located in remote locations.

The bidding requirements established a hub and six remote terminals with mesh topology requirements for both data and VoIP.

HISPASAT presented a solution for this bid based on its AMERHIS onboard processor (OBP) system with its partner Red Five Two (RED 52) which would act as a local integrator.

The court ruled in favor of HISPASAT and RED 52, who offered the solution with better technical performance and cost-effective scheme.

