



About Carrier Services Division

What is carrier services?

CARRIER SERVICES is a division made up of three main telecommunications pioneers from ENTEL Group subsidiaries: ENTEL Chile, Americatel Corporation (United States), and Americatel El Salvador. Together these three companies join to provide our clients with a highly competitive network and the most modern and extensive lines of businesses for international

telecommunications traffic. **Carrier Services Division** meets the demands of companies and administrations from around the world with the highest standards of quality, service and technology.

Why Carrier Services Division was born

In an effort to combine the individual regional assets of each of the three companies in the group, ENTEL Chile, Americatel Corporation and Americatel El Salvador pooled their strengths to form a massive network supported by a human infrastructure of extraordinary efficiency.

Network benefits and characteristics

Through our **Carrier Services Division**, carriers from around the world can have one simple and concrete access point – New York, El Salvador or Santiago de Chile – to the best cost/quality network to terminate traffic in the Americas and around the world. **Carrier Services'** network is composed of:

Fiber optic cables / Atlantic ocean system. Carrier Services nodes Americatel United States and ENTEL Chile are channelled through the cables Americas 1/ Columbus II, Unisur and Trasandino, providing a service considered the leader in technology, with the best quality and most reliable connection.

From this connection, direct links via cable are provided to Argentina, Uruguay and Brazil. Columbus II also provides a unique connection between Chile and Italy, ensuring high quality connections to the rest of Europe, as well as Africa and the Middle East.

Fiber optic cables / Pacific ocean system. Through the Pan American fiber optic submarine cable, the other connection between Americatel United States and ENTEL Chile is concrete, enabling cable connections to countries throughout South America, including Peru, Ecuador, Bolivia, Colombia, Panama and Venezuela.

Other cable systems. ENTEL Group investments in fiber optic cables across the North Pacific Ocean – TPC4 – joined to Hawaii 5, Pacrim East and Tasman 2 cables in the South Pacific, allow us to interconnect with the Asian mainland and the Pacific region, besides the direct connection to Japan, Hong Kong and Australia.

Of great help will be the starting, estimated for 1999-2000, of Maya Cable operations. It will authorize **Carrier Services** to provide full cable connection within the region (Nicaragua, Honduras and Guatemala).

Satellites

ENTEL has been a signatory of Intelsat since its founding during the 60s. Through these facilities **Carrier Services** not only backs up its facilities operations, but also interconnects directly with 70 countries. We connect with over 230 countries through correspondent agreements possible through seven

Satellites and switching technology

Carrier	Satellites	Switching	Model	Signaling
ENTEL Chile	ITS L0L01A 335.5° ITS L0L02A 342° ITS L0L03A 330° ITS L0L04B 307° ITS L0L05A 328°	TELRAD ERICSSON	Northern Tel. DMS-300 AXE10(OPAX)	C7-C5 (ISUP-TUP) C7-C5-R2 (ISUP-TUP)
Americatel United States	ITS MMI01A 328° ITS MMI02B 307° Panamsat Antenna 9mts (PAS-1)	TELRAD	Northern Tel. DMS-300	ANSI SS7 (nat'l) C7-C5 (ISUP-TUP) (int'l)
Americatel El Salvador	ITS TUV 01F3 307° (outside PLAN 100km wireless net ITS SCL 01F3 307° (Guatemala)	TELRAD	DMS-300 (SNISE)	C7-C5 (ISUP-TUP)

different satellites. Besides high quality connectivity to many destinations, satellites provide an excellent alternative for restoration of fiber optic links.

Service

Through **Carrier Services** you gain the easiest, most concrete access to the Americas and the rest of the world via New York, El Salvador or Chile. Plus, you get the best service and quality in telecommunications. Our experience in the industry will guarantee you highly reliable connectivity, thanks to a team of control centre experts who monitor equipment and traffic 24 hours, ensuring the highest level of service.

Our engineering group will analyze each client rate-quality request and will recommend the optimum route. The development of each client's individual business plan – interconnections, procedures for international accounts, payment schedules, accords and contracts – is the product of joint agreements through open negotiations between **Carrier Services** and our clients.

