

Capacity Services

Our network maintains a unified structure on both a regional and global scale, using highly reliable and operationally flexible technology that facilitates an efficient use of bandwidth and greater transparency of the end-to-end solution.

Global Carrier Ethernet

This service provides widely employed Ethernet interfaces in the access, allied to the bandwidth flexibility provided by that technology. From simple point-to-point, to point-to-multipoint and multipoint topologies, GCE enable carriers and enterprises to deploy a pure Layer 2 solution to fulfil all their needs.

Layer 2 – ‘Pure’ Ethernet Service.

More efficiency and flexibility through increasing bandwidth from 50 Mb to 10 Gbps.

10 Gbps to 100 Gbps.

Dedicated bandwidth guaranteed.

ERP System protection (Ethernet Ring Protection).

High performance and availability.

Compliance with ITU-T G.8021, supports the IEEE 802.1q, IEEE 802.1ad (QinQ).

Easy integration of voice, data and video.

Allows configuration of VLANs with multiple connections on the same interface.

Private Line

This service gives customers the chance to build their own **customised networks for private use**, integrating City-to-City services based on SDH/SONET and our Wavelength architectures. These are point-to-point structured connections which use a self-healing fibre optic network.

Layer 1 SDH/SONET Service

Wide range of speeds and interfaces from E-3/DS-3 to STM-64/OC-192.

Safety: SDH/SONET Service offers solutions for high priority applications such as voice and video traffic, ensuring high performance.

Reliability: offers a great variety of routes for transportation and restoration in case of failure.

Flexibility: any protocol independent and can carry IP, voice, data and video traffic on layer 2 or 3.

Wavelength

Wavelength is a **Dense Wave Division Multiplexing (DWDM)** service. It is designed to provide highly reliable and secure point-to-point 10 and **100 Gbps connectivity** over our **submarine fibre optic system**, capable of transporting large amounts of data.

10 Gbps wavelength speed with LAN PHY, WAN PHY or SDH/SONET format.

100 Gigabit Ethernet

Flexible to use and share with multiple services.

Supports diverse types of applications or protocols

Our extensive, state-of-the-art network

In recent years, our international network has evolved to offer customers the **highest standards** in design, reliability, security and service availability.

A leader in capacity services in Latin America.

More than **65,000 kilometres of optical fiber cable** providing connectivity between **Latin America, the USA and Europe**.

State-of-the-art technology in SDH and SONET standards and in DWDM, based on **10, 40 and 100 Gbps wavelengths**

2 Network Operation Centres (24x7x365)

Automatically restored network.

Additional coverage with the PCCS submarine cable system:

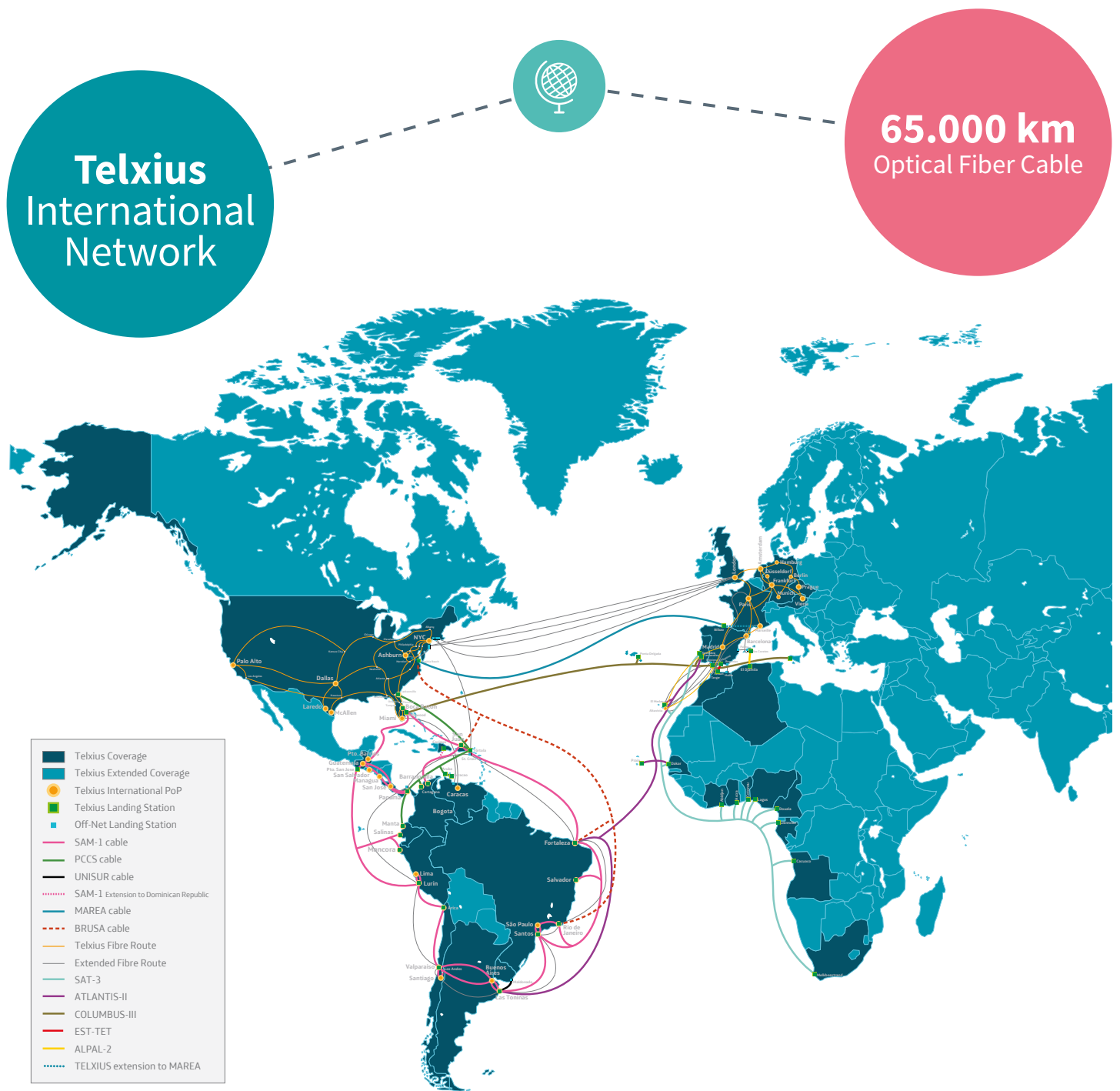
Diversified access to the **United States**.

Diverse geographic network to **Puerto Rico, Colombia and Ecuador**.

New extension to **Panama**.

Unisur cable upgrade:

On Net connection from **Argentina to Uruguay**.



Find out more about our services and the benefits they can bring to your business. Visit telxius.com or contact sales@telxius.com