Stabilising the region's telecommunication needs

Cytaglobal implements state-of-the-art networks to link Cyprus and neighbouring countries to the world

Cyta, a leading telecommunications operator in Cyprus, provides the full spectrum of advanced telecommunication products and services, covering fixed and mobile voice and data communications, Internet, IPTV, broadband and value added services.

Cytaglobal, a strategic business unit under Cyta's National and International Wholesale Market Division, manages related activities and specialises in providing global electronic communication products and services.

The organisation operates an extensive satellite network with three teleport sites, and more than 30 major satellite antennas, providing connectivity with major satellite systems. The services offered range from satellite television on a permanent and occasional basis to international telephony, monitoring services, data and Internet connectivity. The teleports also offer VSAT services, hosting services to third parties, and serve as a video head-end for Cyta's IPTV offering in the Cyprus market.

Cytaglobal is particularly active in the area of international undersea fibre optic cables, providing wholesale products and services on a global basis. Taking advantage of the island's strategic geographical position, the organisation has developed an extensive undersea fibre optic cable

network that connects Cyprus with neighbouring countries including Greece, Italy, Syria, Lebanon, Egypt, and thereafter with the rest of the world.

This cable network uses state-of-the-art technology, full restoration and diversity, and includes several submarine fibre optic cable systems that land in Cyprus at three separate Cytaglobal cable landing stations, namely Ayia Napa, Pentaskhinos and Yeroskipos.

Two high capacity coastal links — TEFKROS and KINYRAS — interconnect all landing points in Cyprus (Ayia Napa, Pentaskhinos and Yeroskipos), thereby securing all-wet routes for regional and international traffic.
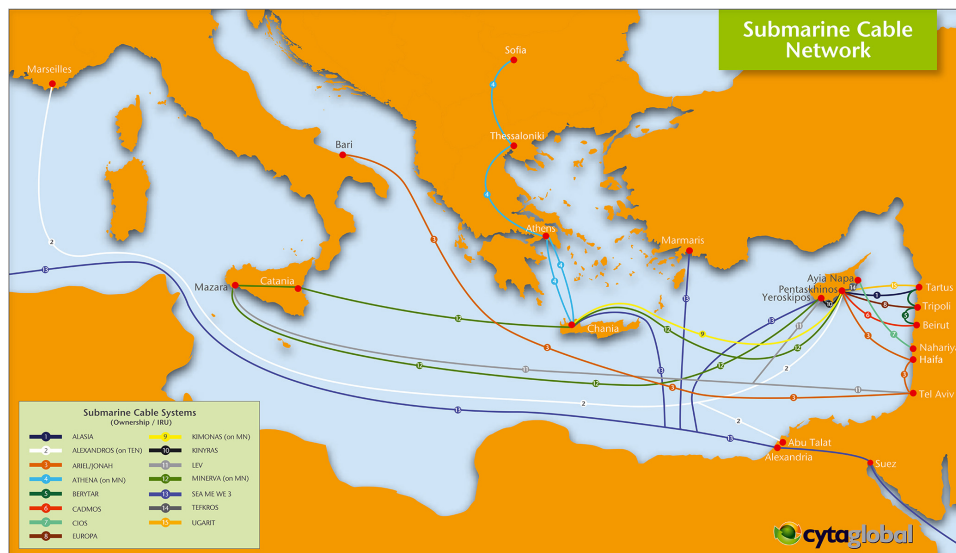
Cytaglobal is continuously evaluating the connection of Cyprus to other planned fibre optic networks the world over.

In November 2015, Cytaglobal and Tele-

com Italia Sparkle announced a new KIMONAS subsea cable subsystem that links Cyprus and Crete. KIMONAS is Cyta's first wholly-owned optical fibre cable subsystem that connects Cyprus and Greece. The subsystem, which connects Cyta's cable station in Pentaskhinos with MedNautilus Cable Station in Chania, complements alternative Cyta's segments on the MedNautilus subsea cable network, and in particular, the MINERVA and ATHENA rings that connect Cyprus with Sicily, and Athens with Crete, respectively.

Extending to Athens through the ATHENA ring and beyond to Bulgaria via Thessaloniki, by utilising fibre infrastructure of wholly-owned subsidiary Cyta Hellas in Greece, KIMONAS will facilitate the creation of a new telecommunications corridor, connecting the Balkans and Central Europe with Egypt and other Middle East destinations, via Cyprus. At the same time, it will allow interconnection to Turkey in the East and Italy and other European destinations in the West, through Telecom Italia Sparkle's network. The new KIMONAS cable subsystem provides synergies for the Cyta Group via a common Cyprus — Greece front, creating a major telecommunications bridge between East and West.

Through its global network, Cytaglobal provides a wide range of international telecommunications products, services and total solutions, making Cyprus a major telecommunications hub in the eastern Mediterranean and an excellent international electronic communications centre.

Submarine Cable Network

Submarine Cable Systems
(Ownership / IRU)

ALASIA		KIMONAS (on MN)	
ALEXANDROS (on TEN)		KINYRAS	
ARIEL/JONAH		LEV	
ATHENA (on MN)		MINERVA (on MN)	
BERYTAR		SEA ME WE 3	
CADMOS		TEFKROS	
CIOS		UGARIT	
EUROPA			

cytaglobal

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