

# Cyta's Undersea Cable Hub in the Eastern Mediterranean

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**C**yprus Telecommunications Authority (Cyta) is the primary telecommunications provider in Cyprus. Its product portfolio covers the whole spectrum of electronic communications ranging from fixed and mobile telephony to internet service provision and broadband applications. Cyta, through its strategic business unit Cytaglobal, is particularly active in the area of international undersea fibre optic cables, providing wholesale products and services on a global basis, and has established Cyprus as a regional telecommunications hub in the Eastern Mediterranean.

Taking advantage of the island's strategic geographical position, Cytaglobal has developed an extensive undersea fibre optic cable network, which connects Cyprus with the neighbouring countries of Greece, Italy, Israel, Syria, Lebanon



and Egypt and thereafter with the rest of the world. This cable network uses state-of-the-art technology and full restoration and diversity and currently includes the following undersea fibre optic systems that land in Cyprus at three separate cable stations, namely Ayia Napa, Pentaskhinos and Yeroskipos:

- **CIOS:** a repeaterless SDH cable system connecting Cyprus directly with Israel.
- **CADMOS:** a repeaterless cable system of SDH technology connecting Cyprus directly with two separate landing stations in Lebanon.
- **UGARIT:** a repeaterless SDH cable system directly connecting Cyprus and Syria and via terrestrial extensions, with Jordan. UGARIT and CADMOS systems together with the **BERYTAR** cable system (Beirut – Tartous) are fully integrated into a secure self-healing ring, interconnecting Cyprus with Lebanon and Syria.

**ALASIA** will link Cyprus and Syria and add an alternate route to the Ugarit system which already connects the two countries. Alasia will also interconnect with Alexandros subsystem on the TE North cable network to provide onward ►

