



## THE LARIO SPACE CENTRE

Telespazio's Lario Space Centre, which opened in 1976, is located to the far north of Lake Como, at the point where the Valtellina and Valchiavenna valleys meet, and lies in the "Pian di Spagna" natural park in the Municipality of Gera Lario (Como).

The Lario Space Centre has begun experiments in Ku band propagation through Italian satellite Sirio 1, and for analogue telephone and television links with the Americas and the countries of the Middle and Far East through Intelsat satellites.

Over the years, the Centre's mission has gradually been expanded. Today, through the Network Operation Centre (NOC), Lario is responsible for the operational management of telecommunications networks for corporate and institutional users. The Centre also manages broadband interactive satellite communication systems for the emergency services: Skyplexnet technology networks for civil protection agencies and the fire service.

From Lario, since the early 1990s, Telespazio has managed its Customer Care/Help Desk for its own clients, mobile information services (telephone, fax and data for vehicles and boats, with European coverage) and navigation and messaging services, with global coverage.

Since 1993, through the National Television Control Centre (NTVCC), the Lario Space Centre has managed TV services (access to the space segment and management of both fixed and mobile up-link systems) for major national and international broadcasters (Rai, Mediaset, Sky).

With its 35 antennas spread over an area of approximately 80,000 sqm, operations rooms manned 24 hours a day and around 60 staff, the Lario Space Centre provides its users with highly-specialised services, guaranteeing continuous and expert assistance based on the experience and know-how it has gained over the years.

## INFORMAZIONI GENERALI

Surface area	80.000 m <sup>2</sup>
Built surface area	5.000 m <sup>2</sup>
No. of antennas	35
No. of employees	62

Distance from major towns/cities:

Milan – around 100 km

The location of the Centre, among mountains that rise to more than 2,000 metres, offers excellent protection against the external radio frequency interference typical of open areas. Lario therefore has excellent “visibility” on satellites in geostationary orbit positioned between 65 degrees east (Indian Ocean region) and 45 degrees west (Atlantic region).

Terrestrial fibre-optic connections and nine radio bridges connect the Lario Space Centre with other Telespazio locations and with its main clients.

