

Navigation and Infomobility

Telespazio, a Finmeccanica/Alcatel company, is the Group's reference operator for added-value navigation and positioning services. In this capacity, Telespazio is actively engaged in the development of the GALILEO Satellite Navigation Program jointly conceived by the European Union and the European Space Agency to promote a series of applications and services in the fields of road, air, rail and sea transportation, telecommunications, civil protection and government services. The GALILEO Program foresees a constellation of 30 satellites, to be put into orbit by 2010.

Under the agreement signed in Brussels last December, Italy has been assigned one of Galileo's two **Constellation Mission Control Centres** and one of the two **Performance Evaluation Centres**. Telespazio's capabilities and potential have thus been rewarded, as the Constellation Mission Control Centre will be based at its Fucino Space Centre, located about 130 km from Rome. At this Centre, where an international work team is already active, Telespazio intends to create a capabilities pole for the development of navigation-linked know-how and applications.

The Galileo signal and system Performance Evaluation Centre, for which Telespazio will be primarily responsible, will be based in Rome. The performance evaluation activities will ensure an enhanced accuracy and reliability and the continuity of service required by modern applications.

At the national level Telespazio, as prime contractor, is playing a leading role in the construction of the **Galileo Test Range** (GTR), a technological infrastructure financed by Regione Lazio to simulate and validate the Galileo signal and relevant applications.

In addition, Telespazio is fully engaged in the IOV (In Orbit Validation) phase of Galileo. The company is in fact responsible for all the services associated with the LEOP (Launch and Early Orbit Phase) and the subsequent operational phase of the GIOVE B program, the second experimental satellite in the constellation, to be launched in 2006. All these activities will be carried out at the Fucino Space Centre.