

Navigation and mobile information

Working to offer the world safe points of reference.

Telespazio is Finmeccanica's key operator in navigation and localisation services, a role confirmed by its contribution to the development of Galileo, the European satellite navigation programme that should place in orbit a constellation of 30 satellites by 2010.

One of the two control centres (GCC) that will manage the Galileo constellation and mission will be based at Telespazio's Fucino Space Centre. Telespazio will also be responsible for setting up one of the two Signal Performance Validation Centres near Rome.

Telespazio will play a leading role in the construction and management of the Galileo Test Range (GTR), the multifunctional technological infrastructure for satellite navigation that will support the development of the system, applications, navigation and positioning equipment.

Galileo and its precursor, Egnos, will lead to the development and launch of numerous services and applications for land, air, rail and maritime transport, telecommunications, Earth mapping and cartography, oil exploration and mining. These services will stimulate the development of measures aimed at protecting sensitive areas (ports, stations, airports). Pending the completion of the Galileo programme, Telespazio has launched a series of initiatives in the

navigation and positioning services market. These include the EtoG (Egnos to Galileo) programme supported by ENAV, Italy's air traffic control body, and the Italian Space Agency, which aims to prepare Italian air traffic for the widespread use of satellite navigation.

Telespazio is also currently developing solutions based on new satellite navigation technology to provide M2M (Machine to Machine) and mobile information services. This has numerous applications, including fleet and cargo management, assistance and security, assisted navigation, logistics and intermodality.

