

# ENAV numbers

Flights handled in one year	roughly 2 million
Peak of flights managed in one day	6,064
Control Towers (TWRs)	39
Area Control Centres (ACCs)	4
Total sq km of airspace for which ENAV is responsible	752,832
Air/ground contacts per year	31 million
Employees (two thirds of whom with operational tasks)	3,251
Hours of training imparted in 2010	248,000
Investments 2003-2010	1,500 million Euros

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The value of a Country  
takes off from here

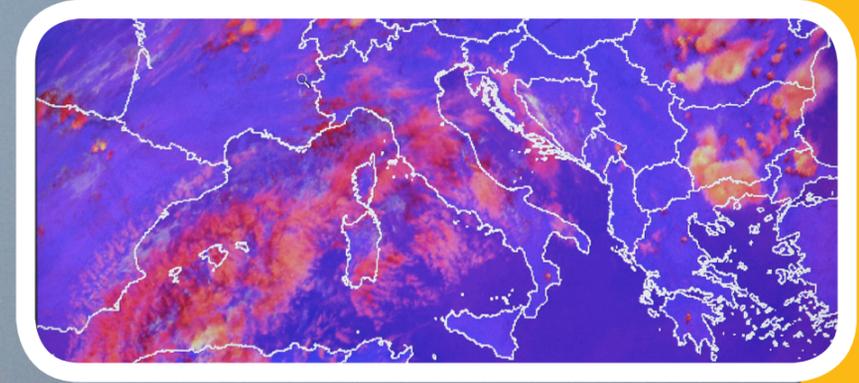
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ENAV S.p.A. Company

Met Services



# Met Services

ENAV Services:  
a global offer  
of high  
value-added  
solutions



## AIRPORT METEOROLOGICAL SYSTEMS

Thanks to the knowledge and experiences acquired over the years on aviation weather monitoring systems, Techno Sky is now the reference point in Italy for the development, supply, installation and management of airport weather systems. Techno Sky has designed and produced a suite of products for all airport needs according to international standards and adopting the latest technologies available. All the systems guarantee a high level of reliability and modularity in order to reduce response times for upgrades and customizations. All the systems comply with ICAO (International Civil Aviation Organization) amendments, WMO (World Meteorological Organization) rules, EUROCONTROL safety and interoperability recommendations. All of Techno Sky's meteorological systems are released with a remote control application that allows the system manager to perform remote administration and monitoring tasks.



## REMOTE SENSING SYSTEMS INTEGRATION

Thanks to its technical personnel skilled in years of dealing with complex systems in the aeronautical context, Techno Sky designs, supplies and installs complex remote sensing networks used to monitor weather and climate conditions in multiple sectors and for various applications.

Our expertise covers all the life cycle steps, in particular:

- Architectural design
- Software implementation
- Sensor positioning and installation
- Setup and commissioning
- Training
- Maintenance

Techno Sky is capable to ensure the efficiency of sensors thanks to its own Calibration Laboratory that issues internationally recognized certificates.

## METEOROLOGICAL DATA MANAGEMENT SYSTEMS

Techno Sky has acquired considerable expertise on Meteorological Data Management Systems by participating to the design, development and maintenance of all the central systems now active in ENAV's operative sites. In this context, Techno Sky has expanded its expertise in the acquisition, the management, the processing and the display of integrated meteorological data and meteorological maps. Other systems have been developed in order to ease the distribution of information to the ACC (Area Control Centre) and the creation of the meteorological PIB (Pre-Flight Information Bulletin). Techno Sky also develops integrated meteorological data display and data warehouse systems providing search and statistic analysis functions to support weather forecast offices and other operational departments.

## CONSULTING AND TRAINING SERVICES

The importance of a correct management of the meteorological information, to safely perform flight activities, requires that all the stakeholders undertake continuous improvement processes aimed to the evolution of the meteorological data acquisition, treatment, management and dissemination systems. Rapid, accurate and easily available meteorological information is of crucial importance not only to perform institutional activities, but, above all, supports decision makers in the improvement of the quality and efficiency of the operative performance. The complementarity of the capabilities between ENAV and its controlled company Techno Sky, qualifies the Group as an ideal partner for any institutional subject aiming to the improvement of its own meteorological service. On the one hand ENAV, thanks to its experience developed in years of meteorological information production and management in all Italian airports, is able to supply a valid support in terms of consultancies aimed to the improvement of the operative processes, on the other hand, Techno Sky, is capable of implementing the necessary technological solutions. The offering is completed by a full and varied range of meteorological training courses supplied by the prestigious ENAV Academy in Forlì that has been representing for years an internationally recognized excellence centre.