

MAINTENANCE & ENGINEERING

A strong partnership for your CNS/ATM infrastructure.

From system concepts to maintenance.

A well-organized management of its technological infrastructure represents for a modern Air Navigation Service Provider a challenge and a fundamental goal to ensure the provision of efficient services in compliance with the required safety standards.

The importance of Maintenance

In order to grant the satisfaction of the operational requirements in time, it is fundamental for complex systems to be subject to intense engineering activity all along their lifecycle from the conception to the commissioning, from the integration in the existing infrastructure to the eventual decommissioning. It is proven that constant application of an effective maintenance plan and the implementation of adequate logistics support services can increase the MTBF, extend the lifecycle of any complex system and ensure, through constant spare parts disposal, a high system availability and reliability.

All these competences, blended with the fact that we actually deliver on a daily base logistics and maintenance services on a national CNS/ATM infrastructure, allow us to propose ourselves as a professional consulting partner to all those organizations aiming to innovate and improve quality and efficiency of technical services by means of organizational analysis, competences development and investment planning.



Our services

Thanks to its know-how and expertise developed running the Italian national CNS/ATM infrastructure, ENAV is capable of supporting all those stakeholders involved in the technical management of a complex system delivering a wide number of services.

CONSULTANCY SERVICES – Where our direct “on-field” experience allows us to support ANSP’s Technical Department with tailored consultancies covering:

- CNS/ATM Infrastructure Master Planning
- Technical processes re-engineering
- Maintenance and logistics processes re-engineering
- KPI definition and availability/reliability indicators analysis
- CNS systems on-site assessments

TRAINING SERVICES – To meet the competence development needs at all levels of a technical organization, from managerial training to type-rating/OJT training on specific equipment.

ENGINEERING AND SYSTEM INTEGRATION SERVICES – To design, define the requirements, install and commission CNS systems and advanced maintenance tools.

AFTER-WARRANTY LOGISTIC SUPPORT SERVICES – To favor the extension of the system’s lifecycle through the execution of preventive maintenance interventions, spare part repair, on-site technical assistance during corrective maintenance and instrument calibration.

