

Isdefe has 30 years of experience providing consulting, technical assistance and engineering services to agencies with responsibilities in the field of transport



ISDEFE

Ingeniería de Sistemas para la Defensa de España, Isdefe, is a state-owned public company created in 1985 and owned by the Ministry of Defence. It is the in-house technical defence and security services provider to the Spanish Administration.

MISSION

To support the Ministry of Defence, Public Administrations and international institutions in areas of technological and strategic interest by providing top-quality consulting and engineering services, as well as by managing, operating and maintaining space complexes.

THE TRANSPORT **SECTOR**

From the outset we have been involved in the sector in an effort to help attain new technological capabilities, improve safety and optimise operating procedures for agencies responsible for regulating, overseeing and providing air traffic management (ATM) services. Isdefe supports service providers like ENAIRE (air navigation) and AENA (airports), regulators and authorities like the DGAC (Civil Aviation General Directorate) and AESA (National Aviation Safety Agency), and it cooperated with other international organisations like the European Commission, Eurocontrol, SESAR (Single European Sky ATM Research) and EASA (European Aviation Safety Agency). Our experience in this field has helped us expand our services into other modes of transport.





Traffic Management



Transport Centres



Advanced Concepts

Management

We provide technical consulting services to manage the implementation and operation of Traffic Management support systems. In air navigation, we engineer communications, navigation and surveillance (CNS) systems and air traffic management (ATM) systems. We also render specialised services for maritime traffic control systems (VTMS).

We provide regulatory technical assistance to national Civil Aviation authorities in the areas of air traffic management regulation and compliance, and we offer technical consulting services in air safety for the analysis and evaluation of air traffic incidents, conducting operational safety audits and searching for, evaluating and mitigating risks.

Transport Centres

We support authorities at transport management and control centres. In airports, we carry out activities involving information system specifications and application and equipment verification, validation and certification. At sea ports, we provide technical consulting services to improve the capabilities of port integration and of systems that aid in decision-making. We also contribute to the development and implementation of strategies to protect transport systems and facilities.

AREAS OF ACTIVITY

Advanced Concepts



We aid in the development of new concepts and technologies in the area of transport operations, helping to write and introduce regulations and promoting multimodal operations. We work to implement transport operations based on satellite navigation (GNSS) and we provide support to integrate remotely-piloted aircraft systems (RPAS) in unsegregated airspace.

ENTITIES AND ORGANISATIONS TO WHICH WE PROVIDE OUR SERVICES

THE SPANISH ADMINISTRATION



OTHER PUBLIC ORGANISATIONS













INTERNATIONAL PUBLIC ORGANISATIONS











