

Information and Communication Technologies (ICT) Sector

Isdefe in the field of Information and Communication Technologies (ICT), has a long history in the provision of engineering and consulting services for the General State Administration, in the definition of digital public services and electronic administration, planning and management of the radioelectric spectrum, management of the digital dividend and reduction of the digital divide.

Our teams support the competent bodies of the Administration in matters of regulation and supervision of ICT services.





Radioelectric spectrum

We support the Administration in the field of planning and management of the radioelectric spectrum, for the different radiocommunication services throughout the Spanish State, guaranteeing quality and universal availability at the service of society. We also provide consulting services and assistance in the definition and monitoring of the National Plans for the Transition to Digital Terrestrial Television (DTT), and for the Management of the Digital Dividend.

Ministry of Economic Affairs and Digital Transformation / State Secretariat for Telecommunications and Digital Infrastructures (SETELECO) / State Secretariat for Digitalisation and Artificial Intelligence (SEDIA)

Isdefe has a long track record with the competent bodies in matters of regulation and supervision of ICT services, in engineering and consulting services for the planning and management of the radioelectric spectrum, the management of the digital dividend, the reduction of the digital divide and the definition of digital public services and e-government:

- Support in the planning and management of the radioelectric spectrum for the different radiocommunication services throughout the Spanish State, guaranteeing quality and universal availability at the service of society.
- Actions related to the implementation of Digital Terrestrial Television (DTT) and the digitalisation of the Company with the development of 4G and 5G mobile technologies.
- Planning and management of the radioelectric spectrum, for the development of radiocommunication services.
- Support for the creation, start-up and operation of the Intermediate Body in the ICT sector for the ERDF Operational Programme for Smart Growth.



- Support to the technical office for the management of the National Plan for Natural Language Technologies, and in the coordination of ICT actions and projects in this area with the European Commission.
- Support in the definition, design, implementation and operation of improvements in the management and control system of public aid to R&D in the ICT sector.
- Technical assistance to the cabinet of the Secretary of State for Digital Advancement in planning and promoting technological innovation programmes and in institutional missions in the ICT field related to international organisations and the European Union.





Communications Networks and Systems

We develop specialised technical support activities in information security and digital trust, and support in the management and execution of communications programmes, such as the New Infrastructures Programme, to promote the deployment of ultra-fast networks and broadband infrastructures, as well as services of regulatory consulting and analysis of telecommunications markets.

Ministry of the Interior / Prison Work and Training for Employment (TPFE)

ICT services consultancy for the strategic definition, planning, control and monitoring of networks and information systems, in the execution of the **Strategic Plan for Electronic Administration and Digital Transformation of the TPFE**. Support in the analysis of the identification of functional needs for the definition of a future integrated management system.

Ministry of the Interior of the Civil Guard / Headquarters of Technical Services of the Support Command

Technical assistance services to the Networks Area of the Civil Guard's Telecommunications Service:

- Analysis of the state of current telecommunication services.
- Research of the state of the art of technology for its potential use.
- Definition of policies and procedures for their implementation and improvement with respect to current capacities.

The final objective is the implementation and start-up of the future Unified Civil Guard Communications System, providing a differential value in technical assistance to the Civil Guard in the monitoring and control of supplier companies.



Ministry of Economic Affairs and Digital Transformation / State Secretariat for Telecommunications and Digital Infrastructures (SETELECO) / State Secretariat for Digitalisation and Artificial Intelligence (SEDIA)

Specialised technical support in the field of communications networks and systems, and in the management and execution of communications programmes, such as the New Infrastructures Programme to promote the deployment of ultra-fast networks and broadband infrastructures.

ICT strategic consulting services in activities in which data of a markedly confidential nature are used or in which a guarantee of objectivity and independence from the interests of third parties is required.

Ministry of the Interior of the Civil Guard / Headquarters of Technical Services of the Support Command

Specialised technical support in the field of communications networks and systems, and in the management and execution of communications programmes, such as the New Infrastructures Programme to promote the deployment of ultra-fast networks and broadband infrastructures.

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Corporación de Radio y Televisión Española, S.A. (RTVE)

Specialised services to the RTVE Corporation in different projects:

- **Modernisation of its network infrastructures** towards state-of-the-art standards, participating in the evolution of RTVE's contribution network, which will allow it to have a high-capacity, agile and robust network to guarantee high reliability and quality in the provision of its public services.
- Development and integration of artificial intelligence technologies in the processes of generation and distribution of audiovisual content, evaluation and improvement of algorithms for content recommendation, and implementation of a user online consumption *dashboard* through advanced analytics techniques.



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