

# TELEFÓNICA

A telecommunications company based on a comprehensive range of services and on the quality of connectivity provided by the best fixed, mobile and broadband networks. It offers a different experience in line with the company's own values and the protection of customer interests.

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Collaborating member of the Smart Destinations Network



## THINKING CITY PLATFORM

Telefónica has developed a commercial service to offer its customers a **global platform as a central nucleus and integrator of all IoT systems or systems that capture data from multiple tourist destinations**, as well as Smart Cities, urban environments, provincial councils, regional governments, etc.

Telefónica's solution is based on the Thinking City Platform, which is itself based on the European standard for Smart City platforms: FIWARE. The Thinking City Platform presents an architecture based on layers, in line with the AENOR (Spanish Association for Standardization and Certification) UNE178104:2017 standard. These layers allow the platform's capabilities to be grouped logically to meet interoperability and integration requirements for apps and services. Telefónica's platform complies with the **National Security Framework (medium level)**, meeting all the requirements for software (quality, security, updates, vulnerabilities and risk management, maintenance and operating capacity). Compliance with the ENS (**National Security Framework**)

is conditional both on the infrastructure in place, and on the processes and protocols to access information implemented by each data centre.

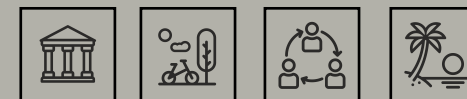
The Thinking City Platform is a middleware tool that allows data from both IoT and non- IoT sources to be integrated. With this service, clients will be able to exploit information more effectively using executive dashboards and business intelligence, linking information from different sources via **Big Data and Open Data**. Some of the systems or verticals that can be integrated into the Thinking City Platform are the following:

- Sensorisation and efficiency: smart heritage, smart buoy, waste management, smart lighting, etc.
- Mobility: smart pedestrian crossings, capacity control, smart parking, etc.
- Economy and entrepreneurship: digital tourist cards, urban totem displays, etc.

Scope of smart destination application

**Governance  
Technology**

Solutions for destinations in the following areas



Type of solution

