

# Telefonica m2m

Public Administration **Case Study**



## Customer\_ Ayuntamiento de Ávila



Ayuntamiento  
de Ávila  
Del Rey - De los Leales - De los Caballeros

Spain



### Customer profile

City council of a Spanish City that has been declared World Heritage by UNESCO where some National Heritage Monuments are located.



### Telefónica solution overview

**E2E Solution:** end-to-end solution that help with the monitoring and maintenance of heritage assets.

**Monitoring:** different types of sensors installed that will monitor and control relevant environmental aspects such as temperature, humidity, light and xylophages detectors in selected areas of the monument.



### Challenge

The customer wants to control of the "health status" of cultural and historical monument of the city in order to facilitate decisions on maintenance and preservation.



### Business benefits

#### Qualitative improvement

Qualitative improvement in the conservation of heritage analysing real-time information and taking action immediately introducing corrective measures automatically or manually when necessary.

#### Reduce costs

Better investment on restoration and maintenance works and efficient management of resources



### Key elements for the customer

#### Improve conservation

Preventive maintenance, avoiding irreversible damage situations and maintenance aggressive actions.

#### Increase security

Enhance security, including protection against theft, fires, floods, etc. especially in remote sites/monuments which are more vulnerable