

## **VIC-EN-BIGORRE (FRANCE)**

### **SHOP & DRIVE: CONTROL OF FREE AND TIME-LIMITED ON-STREET PARKING**

- Increase parking rotations and free spaces availability
- Stimulate local business by easing the access to city center
- Optimize control costs with real time infraction alerts



Vic-en-Bigorre, a small city in the south of France, used to suffer from the lack of vehicles rotations in the city center which was resulting in a poor access to city shops and a nightmare for drivers.

In 2015, the city decided to change its parking management model to free and time-limited spaces, equipped with single space detection sensors to alert local police in case of infraction.

Solution also used by:



AJUNTAMENT DE CASTELLBISBAL

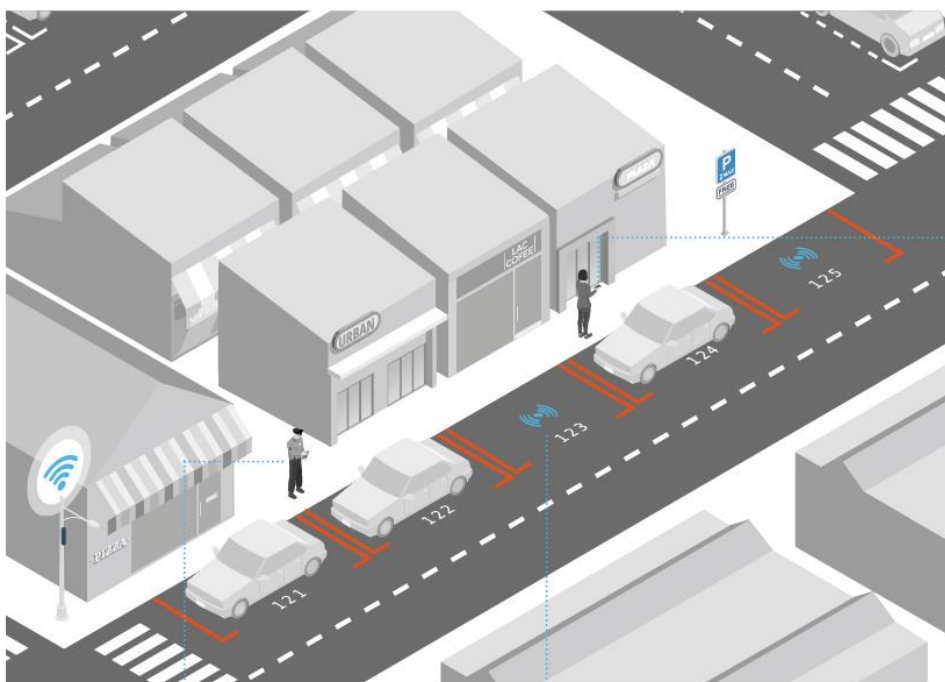


M.I. Ayuntamiento  
de Requena



## The solution

- ▶ Free parking spaces with maximum time limited to 2 hours
- ▶ 114 parking spaces monitored with autonomous and wireless U-Spot sensors
- ▶ Mobile app to alert in real time the municipal police about parking infractions
- ▶ U-Admin Parking Control Center to analyze the use of the different parking spaces and the infractions generated



### PARKCTRL APP FOR MANAGERS

MOBILE APP FOR A QUICK AND EFFICIENT ENFORCEMENT.

### U-SPOT

WIRELESS PARKING SENSORS FOR SINGLE SPACE DETECTION.

### PARKTIME APP FOR USERS

MOBILE APP TO CHECK-IN THE USE AND CONSULT THE PARKING AVAILABILITY AND THE DEFINED REGULATION.

### U-ADMIN

- WEB AND MOBILE APPLICATIONS FOR DEVICE MANAGEMENT AND PARKING USE ANALYZING.
- API FOR THE INTEGRATION OF THIRD-PARTY SYSTEMS.

*\* ParkTime has not been used in this project as the users does not have to declare having parked*

## How does it work?

1

The user parks on a free and time limited parking space. The U-Spot sensor detects the presence of the new vehicle.

2

The user does not have to do anything else; the system is totally automated.

3

In case the maximum time defined is exceeded, an alert is sent to the parking guard through the ParkCTRL APP.

4

The alert is saved and deactivated once the vehicle leaves or if the parking infraction is dealt with by the guard.

5

By accessing U-Admin, the manager can set-up, monitor and consult all system activity: spaces, usage rules, guards accounts.

**+33%**

Increase in parking rotations

**-13%**

In parking occupancy to offer permanent availability

**10**

Fines per week for exceeding time