

## **VALENCIA SMART CITY**

### **CONTROL OF PARKING SPACES RESERVED FOR PERSONS WITH REDUCED MOBILITY**

- Detect the presence of unauthorized vehicles and generate alerts
- Inform users about free parking spaces
- Improve the management tool for PRM card holder



The city of Valencia has put a great deal of focus on improving the mobility and accessibility of people with reduced mobility.

One of the measures taken and prioritized is the control of the use of parking spaces reserved for these users through an innovative solution provided and deployed by Urbiotica.

Solution also used by:



Ajuntament de  
**Castelló**

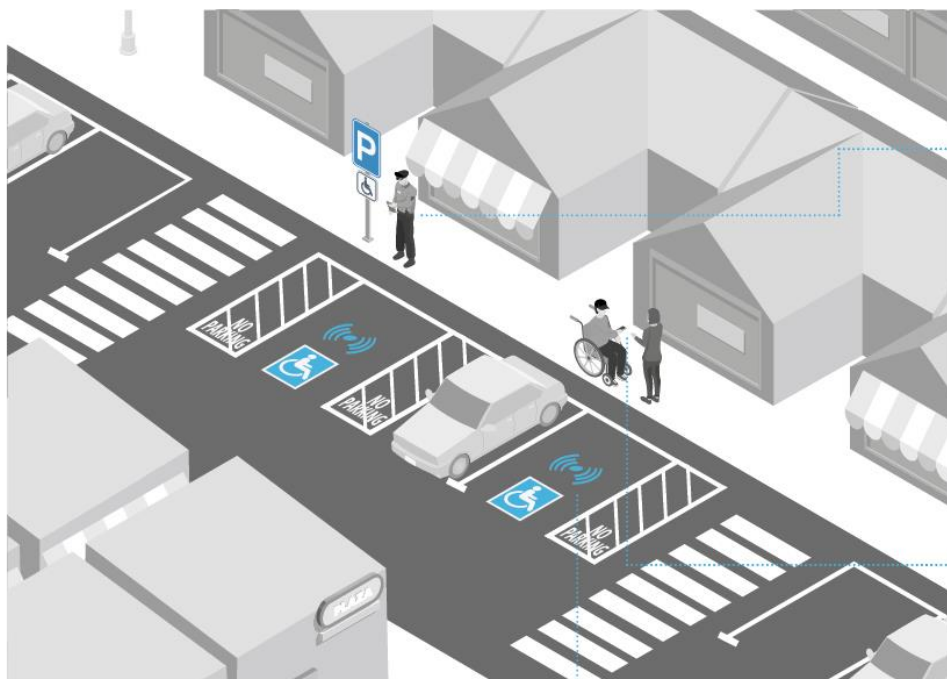


Ayuntamiento  
de Murcia



## The solution

- ▶ 1.060 parking spaces monitored by autonomous U-Spot M2M sensors with NB-IoT gateway-less connectivity
- ▶ Mobile APP that guides authorized users to available parking spaces, and through which they must declare having parked
- ▶ Control. Generation of alerts for unauthorized users or those who have exceeded the maximum time established
- ▶ Statistics about the parking spaces use and infractions



### PARKCTRL APP FOR MANAGERS

MOBILE APPLICATION FOR A QUICK AND EFFICIENT ENFORCEMENT.

### U-ADMIN

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

### PARKTIME APP FOR USERS

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

### U-SPOT M2M

GATEWAYLESS AND WIRELESS PARKING SENSORS FOR SINGLE SPACE DETECTION.

## How does it work?

**1** The holder of a PMR card parks on a reserved parking space. U-Spot sensor detects the vehicle's arrival.

**2** Through the APP ParkTime, he declares the parking start time and on which space or within which group of spaces he has parked.

**3** If he does not declare having parked, or if he exceeds the maximum authorized time, an alert is generated.

**4** The alert disappears and is stored when the vehicle goes away or if it is acknowledged by the manager in ParkCTRL.

**5** From U-Admin, the manager can configure, monitor and consult the whole system activity: spaces, parking policy, PMR users and controllers' accounts.