

City Portal Datasheet

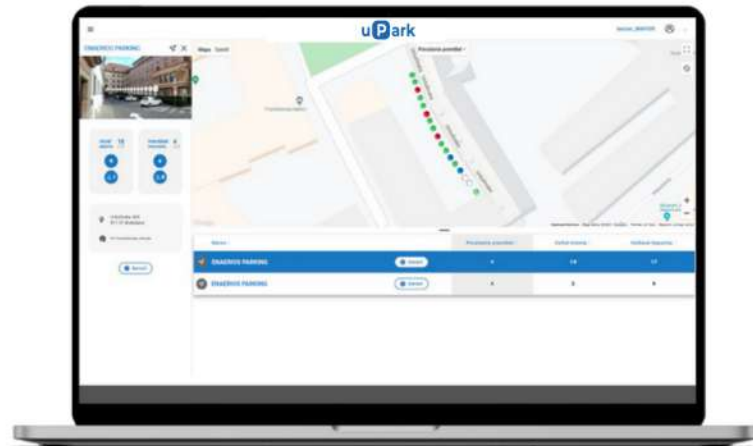
Overview

uPark CityPortal is a web-based responsive app designed for three types of users - the public part for "Drivers" and the private domain for city authorities ("Mayor") and parking enforcement officers ("Enforcement officer"). The dynamic information they provide is based on the data provided by IoT Parking Sensors and IoT Permit Cards.

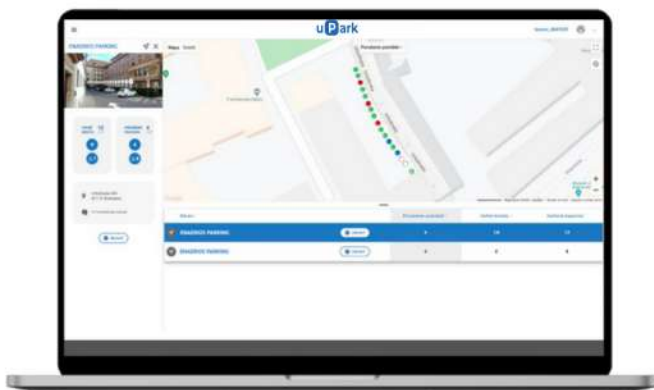
The Navigation functionality is accessible to all users, citizens, and drivers to visualize the parking situation in real-time on a given parking area in the city that is equipped with parking sensors. The app enables the use of a smartphone to navigate toward the chosen parking area.

The private part of CityPortal is a management tool for city authorities to define and enforce Parking policy in their city. Every parking slot can have a specific parking rule defined and applied. The sensor detects any parking rule violations in the 'CityPortal,' and parking enforcement officers are Notified (e-mail/SMS) and can choose to act upon a breach. Other functionalities include access to parking Statistics, parking Reports, and parking Reservations.

Further modules for the drivers are under development - notably Payments for parking.



Core features



Real-time parking visualisation

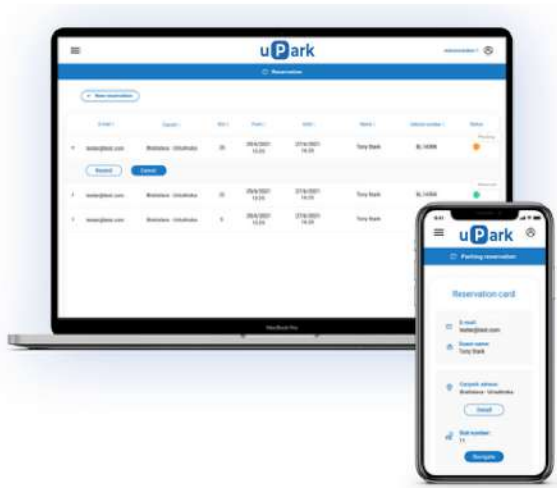
The Navigation and CityPortal apps enable the user to visualize the situation in real-time in the parking area. Drivers can easily navigate toward the empty spots. Enforcement officers have quick and precise information about parking slots where parking offenses were committed.

Statistical reports and data

The CityPortal app also enables visualization of different sorts of statistic reports and graphs for management needs and equally to download any data for further analysis.



Core features continued



Parking reservations

Parking reservations. Authorized persons can make reservations for drivers. A car park, date, and time are chosen and the reservation is sent by email (or SMS) to the driver. The driver will receive the invitation and has to confirm the reservation if he wants to use it.

Notifications

The CityPortal App also enables the enforcement officers to receive real-time notifications about parking rules violations (according to the local parking policy rules) via email or SMS. This increases both the efficiency of the enforcement officers and also the overall parking payment compliance, increasing parking revenues.

