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URBIOTICA

Urbiotica designs and develops next-generation wireless sensor systems. The projects implemented in more than 45 countries position it as one of the leading technological companies in the development of smart solutions based on sensor systems.

www.urbiotica.com

Collaborating member of the Smart Destinations Network

Urbiotica
miembro colaborador
Red DTI

FASTPRK: GUIDED PARKING SYSTEM FOR TOURIST BUSES (PARK & RIDE)

This solution guides bus drivers directly to parking areas with free spaces, equipping each parking space with wireless sensors.

Benefits:

- By guiding drivers directly to free spaces, buses don't need to circulate unnecessarily and this avoids the potential disruptions generated.
- The resulting reduction in traffic flow lowers pollution.
- The reduction in traffic, disruptions and pollution enhances the well-being of users, citizens and residents.

The system **includes**:

- U-Spot wireless space-by-space parking sensors or U-Spot Visio camera detection software, to check free spaces in real time
- Dynamic signage panels that are informative, high quality and adapted to urban environments to report how many free spaces are available
- Web and mobile apps for managing the devices and analysing space usage
- API for integrating the system with any third-party system.

How does it work?
Drivers head for a free space, guided by the information they can see on the information panel. They park the bus. The U-Spot sensor or U-Spot Visio camera software detects that the vehicle has arrived and sends this information to the data collection platform, which updates the panels with the new number of spaces available. When the bus leaves the process takes place in reverse, and the platform sends the data indicating one more space available. The manager can supervise all the system information via U-Admin platform.

Scope of smart destination application

Technology
Sustainability

Solutions for destinations in the following areas

Type of solution