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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

FASTPRK: GUIDED PARKING SYSTEM FOR PARK & RIDE CAR PARKS

This solution consists of equipping the entry and exit points of these areas with sensors, turning them into smart car parks which detect the passing of vehicles, or installing space-by-space detection software to transmit real-time information on availability via apps and variable message panels.

Benefits:
- To provide information on the availability of spaces to help users plan a trip and encourage the use of these parking spaces outside the city
- Reduces urban traffic and pollution Reduces the stress of citizens and fosters their well-being.
- Reducing chaos in the city centre increases people's wish to go to the centre and therefore increases footfall

The solution **includes**:
- U-Flow counting sensors, U-Spot space-by-space detection sensors or U-Spot Visio camera software
- Integration with multi-modal platforms and mobile apps
- Dynamic message signs
- Web and mobile apps for managing the devices and analysing space usage

How does it work?
The driver enters the car park and parks. The sensor detects them passing by or the software detects their presence and sends this information to the data-collecting platform, which recalculates the number of free parking spaces and sends this information to the panels and apps, showing one fewer free space. When the vehicle exits the area, 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	Solutions for destinations in the following areas	Type of solution
Technology **Sustainability**		