

SUCCESS STORY

SMART PARKING DEPLOYMENT IN A WORLD HERITAGE SITE IN MALTA

COUNTRY:

Malta

SECTOR:

Smart Parking

PROJECT TYPE:

Valleta City Parking

MAIN PRODUCT:

Fastprk | Parking Management system

fastprk[™]

WORLDSENSING

Challenge

Malta's inbound visitors increased by 16% in 2017. As more tourists poured into the country, Valleta, the capital of Malta and a World Heritage Site, implemented a Controlled Vehicular Access scheme in order to avoid traffic congestion in the city. The CVA monitored vehicles entering and exiting the CVA boundary, automatically calculated the time a vehicle remained inside the Valletta CVA boundary and finally, computed the fee due for access and parking based on the tariffs issued by Transport Malta. In spite of this, navigating this walled city to find a parking slot that is not reserved exclusively for residents can be quite a challenge and visitors might decide not to spend time in the city if they are forced to park outside the center.

Solution

The CVA Technology Company Ltd, the firm that manages the fee-based parking access scheme for the city, approached Worldensing in order to help ease this parking dilemma.

Fastprk One sensors were installed in parts of Triq Marsamxett and Triq San Bastjan, otherwise known as the Valletta ring road near Auberge de Bavière. The sensors send real-time parking occupancy data to the Fastprk app which guides drivers to the nearest available parking space.

Worldensing's parking management system, Fastprk, uses wireless sensors that work on LoRa and Sigfox, to detect the status of each parking space, and send all occupancy information to a central management unit. The sensors have been proven to reach parking accuracy levels of more than 95% and can be deployed without repeaters for up to 500 meters, making them ideal for outdoor parking deployments. With the sensing technology being integrated in an advanced software solution, cities and operators can optimize parking spaces and provide parking information to citizens through an app, which is available for both IOS and Android.

Worldensing, in collaboration with CVA Technology Company, deployed Fastprk in Valletta to help drivers find parking slots faster in the busy tourist capital of Malta.

ADVANTAGES

- Reduction of time spent finding a parking space and more time to experience and enjoy the city
- Reduced traffic and CO2 emissions
- Incremental revenues from parking and visitor arrivals

Benefits

Fastpark helps reduce pollution and ease traffic congestion. The intelligent public transport app customized for the city provides real-time information for users helping them to save time finding a parking space. Consequently, all these help improve the city's environment making it a better place to live in and visit.

The solution paves the way to improved mobility in the city by providing insights on citizen parking behavior and enhancements on city policies. It also increases the efficiency of parking operators in terms of parking fee collections by immediately identifying areas with high fraudulent transactions.

Fastprk parking sensor





Find out more:
www.worldsensing.com

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