

Case Study | Vehicle Identification

Parking Made Easy



Source: iStock.com | 06photo

Challenge

Evopark is a young start-up but one that has already won several awards. With its expertise, creativity and dedication it has redefined the day-to-day car park experience. By applying cutting-edge technology, it provides motorists with innovative services directly on their smartphone. A contactless parking ticket is used to open car park barriers automatically. Kathrein provides the RFID system for integration at the barriers.

Background

Searching for a parking space generates almost 30 per cent of inner city traffic. At the same time, many spaces in multi-storey car parks are left vacant. evopark taps into this potential by offering attractive and innovative parking services. The evopark app indicates vacant spaces in participating multi-storey car parks and towns and even provides direct route navigation to them if the user wishes. evopark set out to provide its customers with more service, time and convenience in the hectic rush of everyday life by means of a contactless parking ticket. Kathrein supported the young entrepreneurs in integrating the RFID system at the car park barriers.

Solution

Multi-storey car parks cooperating with evopark were fitted with Kathrein RFID-ARU reader systems. The evopark application was successfully integrated in the car park systems, complete with smooth interface connections. As a result, drivers now enjoy maximum convenience due to the UHF-RFID technology in the parking ticket. Entering and exiting the car park is reliable and fast since the barriers respond automatically to the integrated RFID chip. The smart per-minute charging system operates in the background.

Results

Evopark has been able to significantly increase customer satisfaction by introducing RFID technology. Motorists no longer have to queue at ticket machines or rummage for change. There is also less risk of losing the ticket because it can simply be left in the car. Invoices are issued conveniently at the end of the month. The car park operator benefits too, since the system reduces running costs.