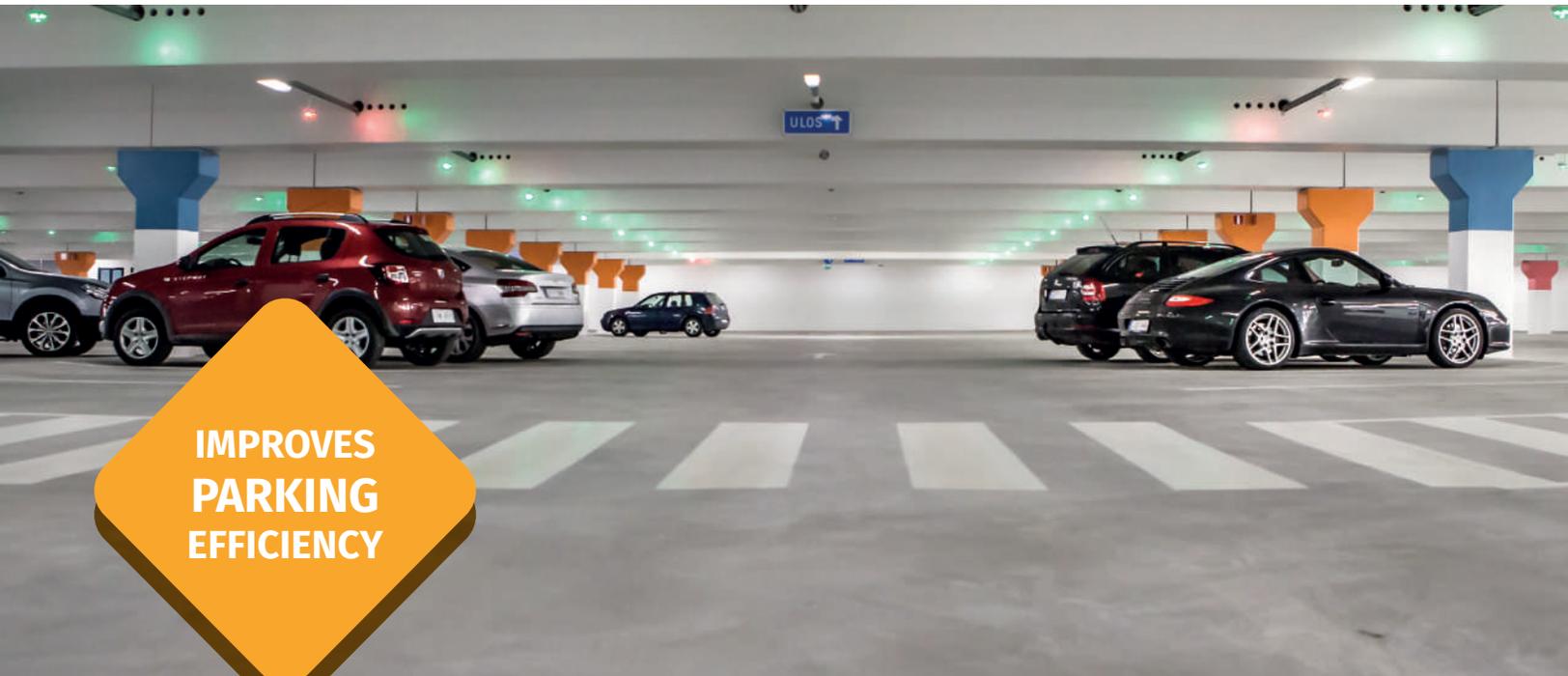


Parking Guidance System

- ✓ Provides accurate information and reliable performance.
- ✓ Improves parking efficiency up to 30%.
- ✓ Reduces traffic congestion and environmental pollution.
- ✓ Positively impacts customer satisfaction and marketable reputation.
- ✓ Minimizes parking lot management and maintenance cost.
- ✓ Increases parking revenues and overall profitability.



ParkSol guidance system is driver information and parking guidance system which is designed to improve the management of car parks and end user (customer) services. It eases search and reservation of parking space, resulting in significant time and energy saving. ParkSol has huge positive impact on customer satisfaction and marketable reputation as convenient-comfort parking.



TOF sensor

The sensor is designed for detecting vehicles in front of each parking space. It can detect and indicate parking space occupancy simultaneously in front of ONE or TWO opposite parking spaces. It is recommended for covered parking lots. The Sensor is not ultrasonic. It uses new detection technology based on Time Of Flight (TOF). Indication is RGB Color Changing LED Lights and shows parking place availability information. Additionally, it can provide special switch signal for sensor state indication. This function allows using it in various applications where vehicle detection is needed.

Ultrasonic sensor

The ultrasonic sensor is designed for mounting on ceiling or cable channel. The sensor detects and transmits parking space availability information on real-time to ParkSol system. The system represents number of free parking spaces on LED screens. ParkSol sensor is designed with IP66 protection class and withstands extreme cold or hot temperatures. All ParkSol sensors have the digital signal processing (DSP), adaptive sensitivity and temperature compensation functions. They can be deployed with indication or remote indicators.



LED display

ParkSol LED display shows direction and amount of free parking spaces. Installation, configuration and maintenance are easy and cost efficient. **LED display** is Ethernet based, weather proof, has arrow blinking function and modular construction. Wi-Fi realization and custom solutions are available. Additionally, it can be integrated into road signs, large pylons etc. **ParkSol ICON display** is programmable and use RGB colors that offer exceptional clarity and definition over long distances.



Monitoring software

ParkSol monitoring software ensures the most efficient usage and management of parking lot. It allows to control parking load and reduces traffic jams. The software instantly transmits information of available parking spaces to LED displays and detects illegally parked vehicles. It enables real-time monitoring of the parking status (availability, temperature changes) and control of parking places (reservations, timing etc.). The software is developed using client-server architecture and supports multiple clients. Additionally, ParkSol monitoring software can be integrated with the third party systems (barriers, lighting, ventilation etc.).

- ! **“Scenarios” module** – programmed with semi-programming language by drawing logic schemes. The module is taking process events form ParkSol software using logic elements and activating various events. As example close/open parking gates when parking is free/full etc.

Outdoor solution

The system uses surveillance camera stream to provide information about parking lot’s availability info on LED screens in real-time. It works with any camera brand and already installed cameras. Works properly in all weather conditions (snow, rain, extremely hot temperature etc.). API for mobile applications and websites available. The system optimizes operations and creates additional value for drivers.

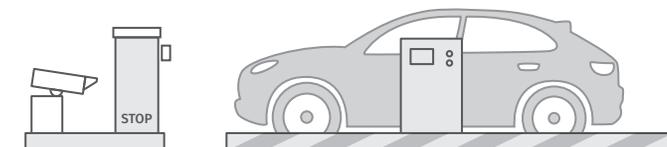


Wireless magnetic sensor

Wireless magnetic sensor is designed for installation on street and detection of the parking space availability. The installation is easy and cost-effective: sensors are screwed in/on the asphalt or other road pavement. The sensor responds to changes in the earth's magnetic field change when a vehicle is parked above it. The sensor transmits parking space availability information on real-time to ParkSol monitoring software. It is designed with IP68 protection class what enables classic winter service, including snow-plowing. Battery duration is easy exchangeable and serves up to 10 years.

ParkSol Payment System

ParkSol payment system - automated paid parking solution with a full range of business-friendly payment options integrated. The system offers quick access permit and/or payment for parking depending on the duration of parking. The drivers have various payment options - advance payment, deposit tickets, events tickets, subscription tickets and other kinds of tickets. The driver enters/ exits the parking without step out of vehicle. The parking is easily administrated from any location in the world via a computer or smart-phone. ParkSol payment software adjusts parking options and parameters for any business objective: facility usage and profit maximization.



ParkSol – parking solutions are developed and manufactured by Arevita JSC in accordance to ISO Standards. Company is established in 1994 and built from the ground up by information technology, engineering veterans and innovation enthusiasts all with a strong vision and passion for improving parking management and engineering services. Arevita JSC delivers an extensive experience to guide and help businesses to effectively manage their parking lots and property.

Arevita JSC
 Baltų pr. 145, LT-47125, Kaunas, Lithuania
 phone +370 37 334074
 e-mail parksol@parksol.lt
 web www.parksol.lt



20+ years in business



Innovative technology



Made in European Union



Accordance to ISO standards



Flexible solutions



Three years warranty