

## A COMPLETE TECHNOLOGICAL SOLUTION FOR SMART PARKING

Smart parking allows easy parking management and is a parking strategy that combines technology and human innovation in an effort to use as few resources as possible - such as fuel, time, and space - to achieve faster, easier and denser vehicle parking. Smart parking is based on the fundamental ecological principle that we are all connected. The vision of smart parking within the existing traffic is manifested in its intelligence, and the use of the most innovative technologies allows a single integrated traffic flow. It is primarily in the service of citizens, because it enables drivers to find free parking spaces faster and easier, offers alternatives in case of occupancy, and enables different payment methods.



Revenue increase from removal of improperly parked vehicles.



Management of various modalities of using the service, and dynamic selection of parking fee models and tariffs.



Increase in occupancy and turnover of parking areas.



Increase in the level of collection and productivity of parking operator staff, reduction of cash in turnover.



#### **FOR PARKING MANAGERS**

From the parking manager (parking operator) perspective, the management application is used for efficient management of available parking space in closed parking lots with ramps, underground parking lots, open parking lots, for detection of the free parking lot, records of entries in closed parking lots, or as an additional aid in the supervision of parking fee collection.



#### **FOR PARKING USERS**

Fee mobile application allows easy and fast parking detection, Turn-by-Turn navigation to the parking lot, assisted by artificial intelligence that finds the nearest routes and gives suggestions in case of occupancy at the scheduled time of arrival. It also enables detailed parking lighting of vahicles and parking



#### FOR LOCAL COMMUNITY

Smart parking significantly increases the satisfaction of citizens as well as their quality of life. It also reduces air pollution exhaust gases as well as noise levels. As another important advantage, it provides a complete insight into parking space utilization, which along with traffic congestion and enables an increase in parking revenues and better city parking





# **Functionalities** of user applications Personalized user experience with maximum data privacy protection Easy to find parking Turn-by-Turn navigation **Payment** 24/7 support

## **Functionalities of** management application

- Overview of total parking infrastructure
- Records of parking and parking lots
- Overview of all payments and financial effects in real time
- Records of organizational and administrative units
- Records and the role of system users
- Management of payment methods and tariffs to maximize earnings per day and parking lot
- Management of field controllers
- **Notifications record**
- Analytical reporting system

## **Functionalities of mobile** management application

- User authentication and authorization
- Bar code or QR code reading of the parking ticket
- Automatic license plate reading
- Verification of parking payment
- Control data transmission to the control application
- Verification and reporting of misdemeanors
- Verification and reporting of messages
- Real-time monitoring of device movements and controller activities



## **EASY AND QUICK PARKING PAYMENT IN JUST 5 STEPS!**

Find parking

condition

Get details on parking lot

Navigate to the parking lot



Scan and pay parking



Rate the service

#### **FUNCTIONALITIES OF "SMART PARKING" SYSTEM**

#### **MOBILE PAYMENT**

**Smart Parking provides** significant services for drivers aided by AI / ML and BigData technologies such as parking mapping, real-time parking space availability notifications, suggestions and a parking guide.

#### **PARKING CONTROL**

Using modern technologies, Smart Parking makes parking control easier for companies in the parking industry.

#### **GRAPHIC DISPLAY**

Quickly find all the details about your parking lot! Graphics and reports offer an overview of parking occupancy rates, payments, booking as well as

driver behavior in parking segment.

#### **SAFE ACCESS**

Companies in the parking industry can gain full control over their parking systems with secure access to the application.

#### PARKING SPACE RESERVATION

This option offers customers to book and pay for parking in advance.

#### **BIG DATA / AI SUPPORTED PARKING SPACE MANAGEMENT**

**Smart Parking provides** significant services for assisted drivers AI / ML and BigData

technologies such as parking mapping, real-time parking space availability notifications, suggestions, and a parking guide.

#### SUPPORT FOR INVASIVE AND **NON-INVASIVE SENSORS**

The system supports the monitoring of parking area occupancy with the help of sensors installed under asphalt, or with the help of surveillance cameras.





## **SMART PARKING SOLUTION IS AN OPEN CLOUD-BASED PLATFORM**

Smart parking is integrated into existing IT systems, such as parking meters or parking guidance systems. It also easily integrates into the Cloud environment with a full management system.

#### **EKOSISTEM PAMETNI GRAD** Data management Cost-effectiveness Processing and analysis Networking Devices **OPEN DATA SMART** Parkiranje (1) Lighting IoT Utilities platform CO2 emission (Q) (CO<sub>2</sub>) (( <del>|</del>| )) Traffic Ma **\*** Agriculture Manufacturing **MODULES GOVERNMENT** Air quality DM Æ, /ideo surveillance Meteo COMPANY **APPLICATIONS**

**BUSINESS INTELLIGENCE &** ANALYTICS

detection

## **ENJOY THE MANY BENEFITS!**

analytics

**Economic and** Smart **Innovation** environmental technology sustainability Advanced For all Vehicle

parking types

Surveillance cameras

**Simple** 

integration

