



GLOBAL PARKING SYSTEM, INC.  
World Class Parking at Each and Every Location

# parksol-Global Parking System, Inc. Automated Valet Systems



- ✓ Automated space monitoring
- ✓ Maximum parking efficiency
- ✓ Maximize revenue stream
- ✓ Automated enforcement
- ✓ Parking space reservations
- ✓ Multifaceted smart sensor
- ✓ Rideshare solutions
- ✓ Monitoring multiple tenants
- ✓ Automated valet parking
- ✓ Automated valet systems
- ✓ Parking guiding system
- ✓ Design and planning



20+ years in business



Innovative technology



Made in European Union



Accordance to ISO standards



Flexible solutions



Three years warranty



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# Partners

**Honeywell**



MEGA shopping centers



**RAMADA**  
WORLDWIDE



# Your personalized parking space

## Smart reservations of specific parking space:

Providing customers with the option of reserving a specific parking space inside the parking building according to the optimal location for them.

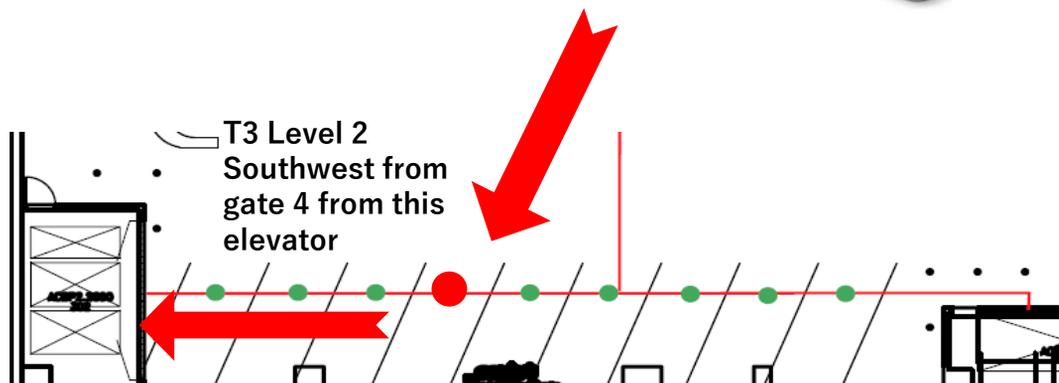
Reservation services through smartphones or PC will enhance customer satisfaction and minimize entering and exiting time process.

Customers will need to input their information including payment, destination of flight, airline, departure date/ time, arrival date/ time and make and model of car / car size/electric car and license plate number.

All this information will be used by our software to optimize the best location per the clients needs.



Your parking reservation spot



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# Automated enforcement

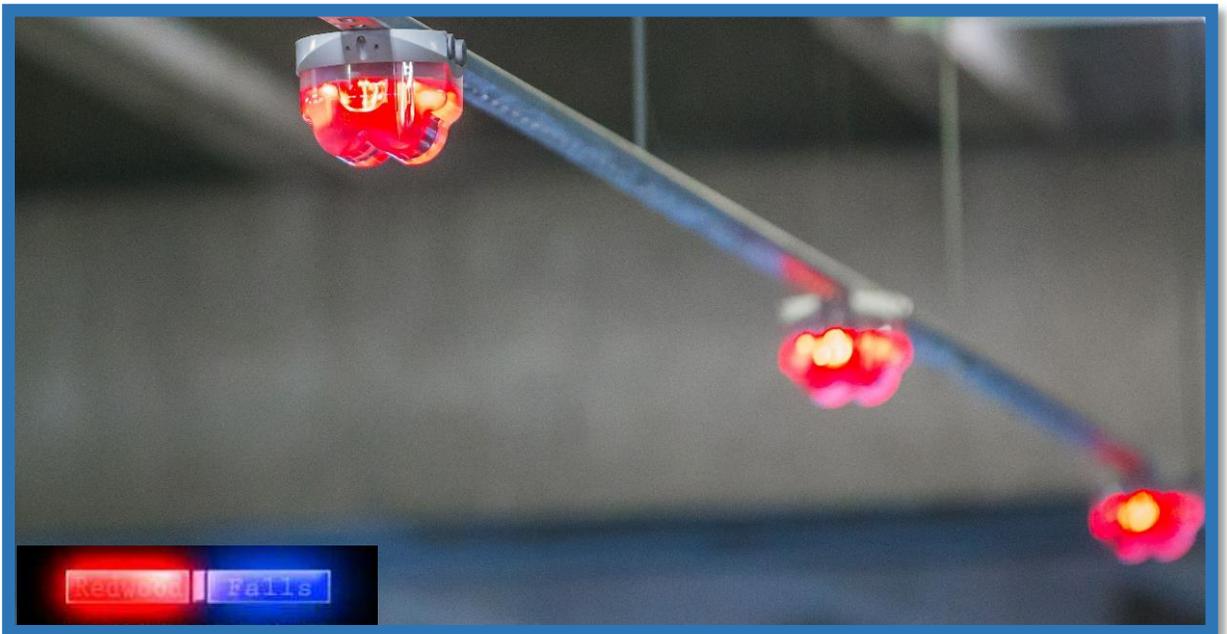
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**Our system provides 100% automated enforcement, customized to the local rules and regulations.**

**The system will notify the staff when a violation occurs. For example, when a car parks in a limited time space and once the time expires, an automated notification message will be sent out to the drivers phone (text) informing about the violation.**

**At the same time, the security team will receive from our system the location of the parking spot and the violation type.**

**Our system can be customized to any rules of the local parking building, restricted area only, limited parking, different types of tenants, compact cars, electric cars, integrating with dynamic or zone pricing in a specific area of the parking building, etc.**



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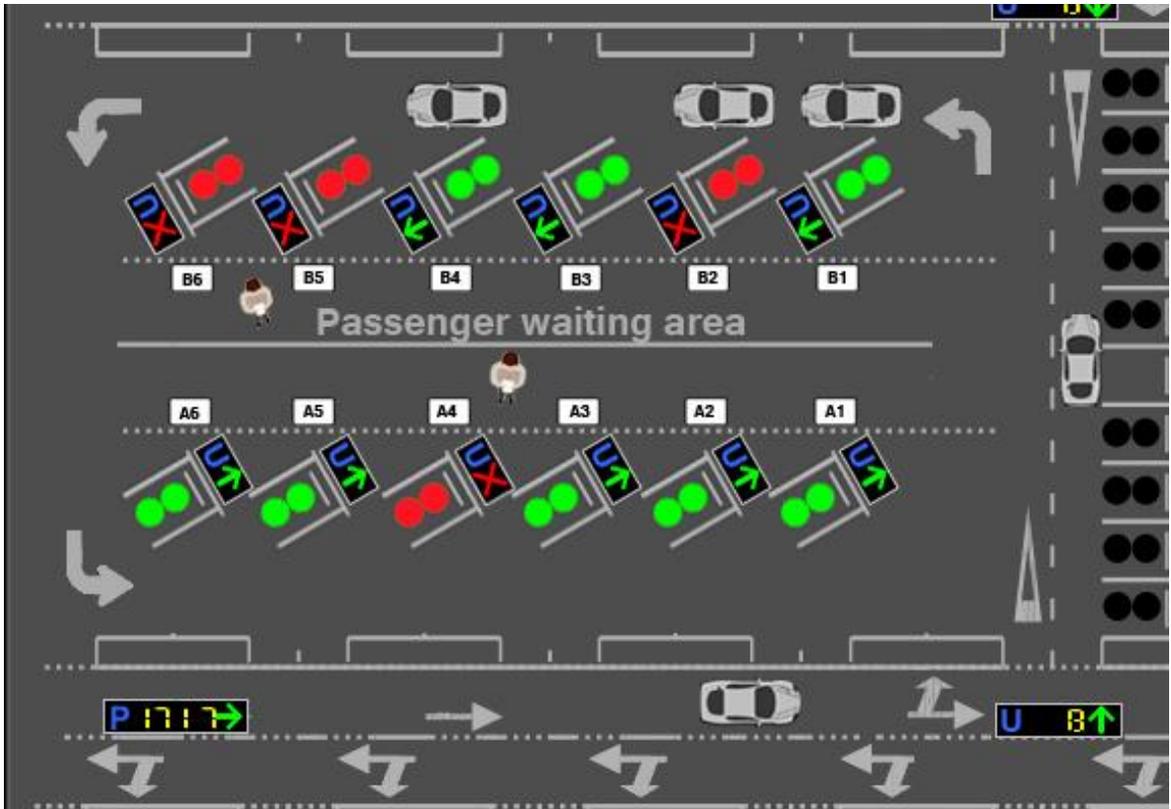
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# Rideshare automated solution

*\*For illustration purposes only*



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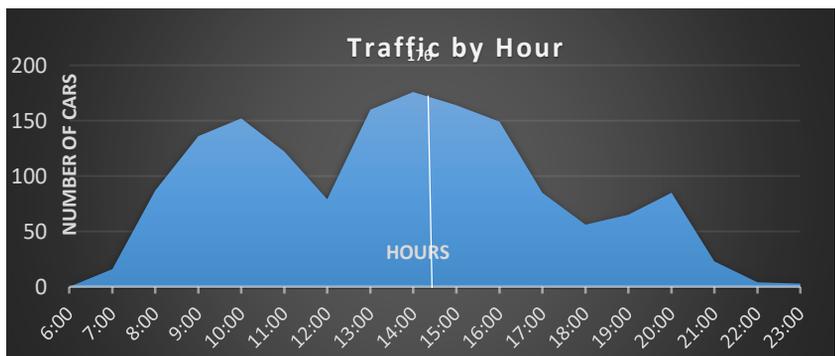
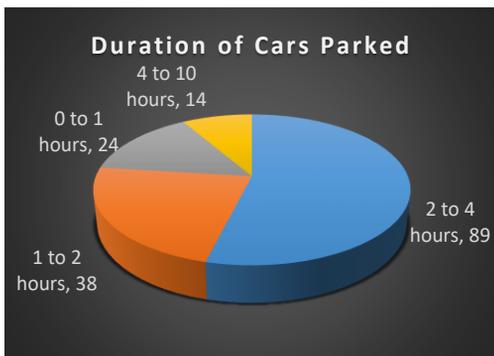
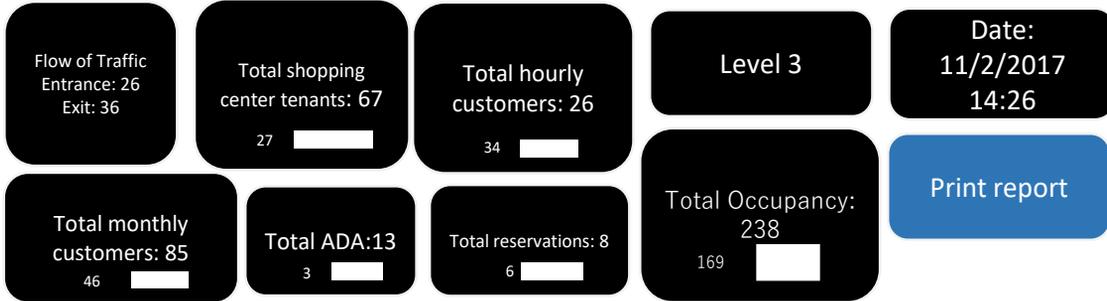


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# Software and Analytics

## Parking management screenshots

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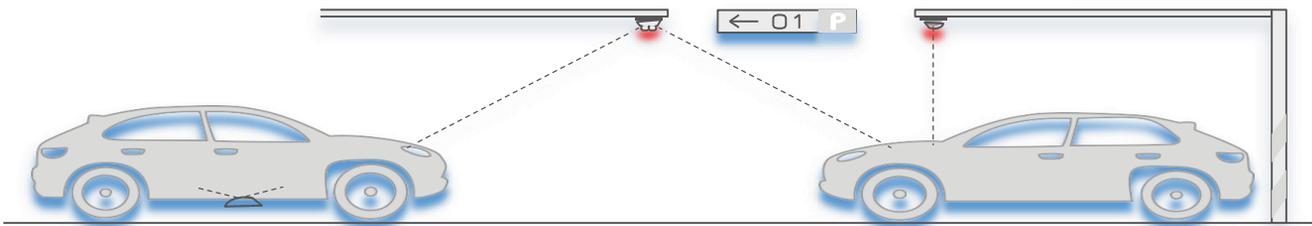


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# Our sensors



## 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.



## 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.



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# Our dynamic LED display



## 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 VMS display is programmable and use RGB colors that offer exceptional clarity and definition over long distances.



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# Our camera base system



## Fisheye camera with LPR and surveillance

A legacy analog video surveillance workhorse, the pan-tilt-zoom “PTZ” camera comes in all shapes and sizes, but is most commonly deployed today as a dome. Mechanically motorized, the PTZ enables users to track objects of interest with a 180-360 degrees field-of-view and optically zoom in for finer details. A PTZ camera can also be configured to automatically move between positions or presets on a predefined tour.

## Server, engine and software

Our cameras will provide downstream signal in full HD high resolution to our server and engine/ software which will then decoded for LPR system and occupancy of the parking space for guiding system. The surveillance feed will record per local requirements.



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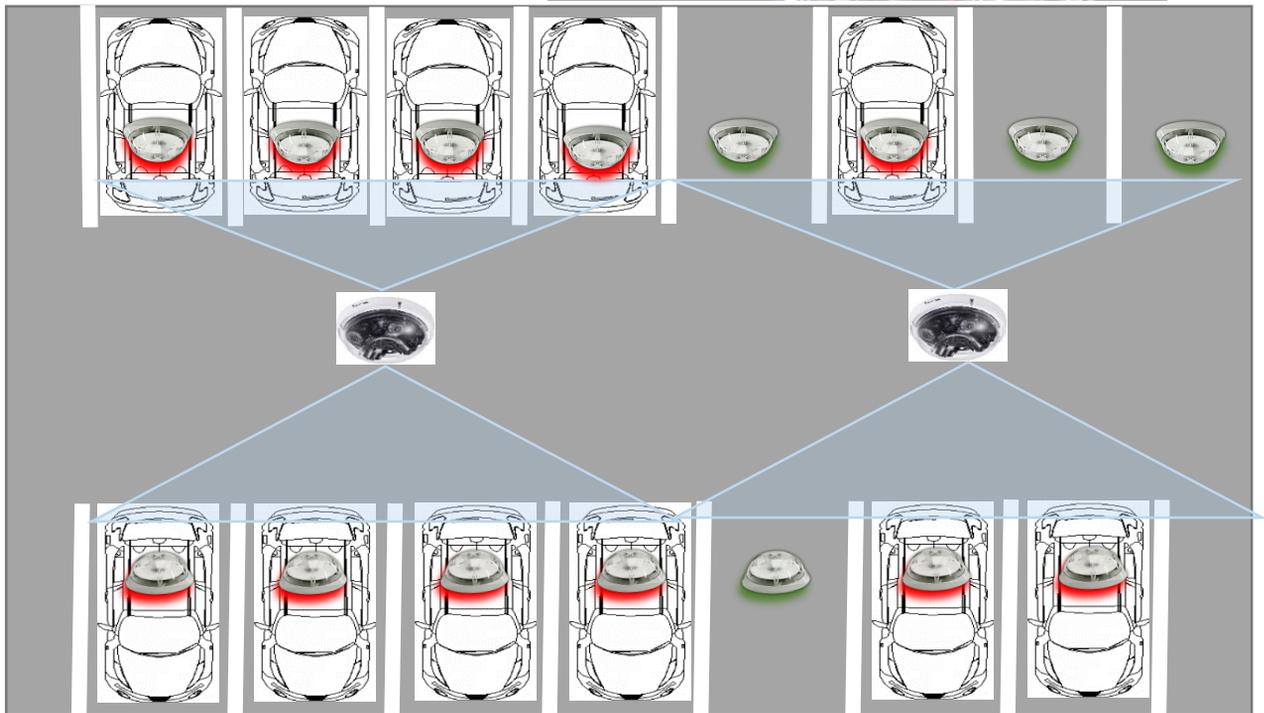
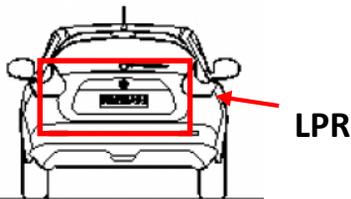


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# Indoor camera based system

## Camera based guiding with LPR

Our indoor system will guide the drivers using LED indicators in each parking space and LED displays. The HD fisheye camera with up to 8 vehicles per camera, will provide the data to the indicators and the LPR, this will provide space reservation, find my car, enforcement etc.



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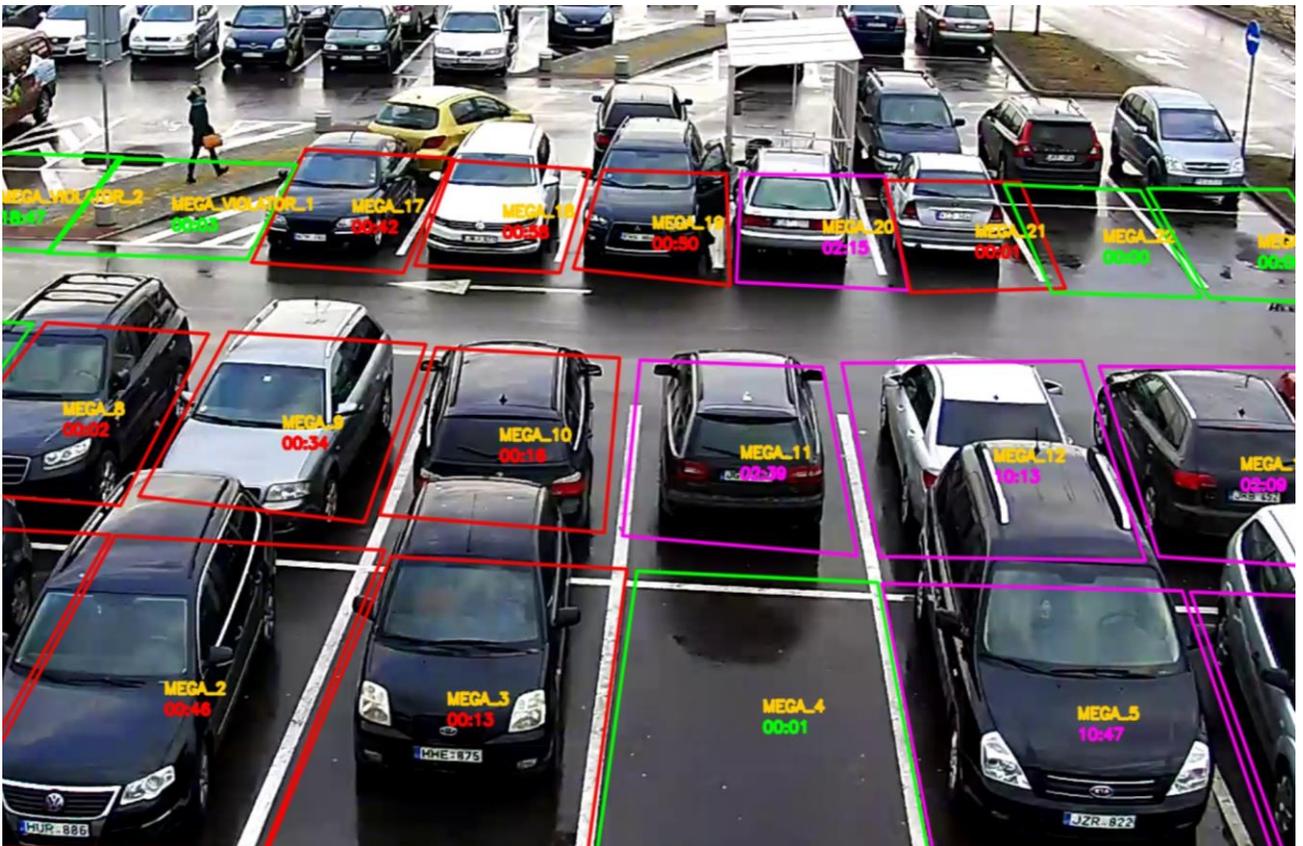
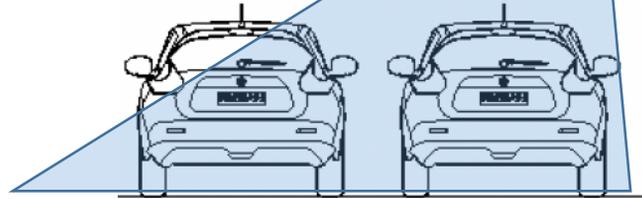
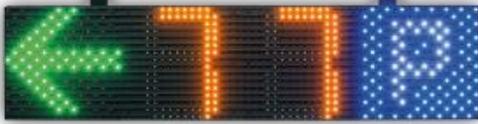


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# Outdoor camera based system

## Camera based guiding system

Our outdoor system will guide the drivers using LED displays . The HD camera with capability up to 30 vehicles per camera, there's an option to add LPR with 8 vehicles per camera.



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# parksol-Global Parking Automated Valet Systems

- ✓ Valet parking reservation from smartphone or PC.
- ✓ Accessing and exiting parking garage, LPR systems.
- ✓ 360 Scanning vehicles when checking in and checking out.
- ✓ Checking in vehicles without reservation.
- ✓ Automated key system
- ✓ Parking vehicles with guidance system according to parking durations.
- ✓ Parking management software.



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# Automated Valet Parking

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Providing parking automation and parking management solution with cutting edge and world-leading technology. Our equipment and software solve any parking issue, as well as improve parking efficiency, customer service and add incremental parking spaces, which translate into incremental revenue. Our products and customer service are innovative, unique and pragmatic. We customize our range of products to the clients' need based on their parking building, traffic behavior, tenants' profile in the parking building, and being dynamic and agile to quickly adapt to future needs.

After reviewing and studying the valet parking at hotels, airport parking building, and assessing the traffic behavior, we believe that our services and products will profoundly benefit the this industry . valet customers using the valet services through:

1. Valet parking reservation from smartphone or PC.
2. Accessing and exiting parking garage, LPR systems.
3. 360 Scanning vehicles when checking in and checking out.
4. Checking vehicles without reservation.
5. Parking vehicles with guidance system according to parking durations.
6. System notification to smartphone.
7. Parking Management Software.
8. Automated Key system
9. Overall efficiency

With the above seven topics, we believe that we will improve customer service and their efficiency to the highest achievable with today's technology. The hardware that we will install can be easily customized to future needs and with exponential advancements in technology, it will be easier than ever to add or customize our system based on any future needs.



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# Automated Valet Parking

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## Valet Parking reservation from smart phone or PC

### Smart Reservations:

Providing clients with the option of reserving their valet service through their smartphones or computers will enhance customer service and minimize check-in and check-out time process, as well as adding options and promoting additional services such as detail cleaning, charging electrical vehicles etc.

Clients will need to input their information including payment, destination of flight, airline, departure date/ time, arrival date/ time and make and model of car / car size/electric car and license plate number.

All this information will be used by our software to optimize the best location for the car to be parked using the guiding system and later communicating with enter and exit control, and sending notifications through the smartphones such as status of the vehicle being process out and verification code to show let staff that the client is authorized to take his vehicle. Using this system we insure that authorized release of vehicles to be at 99%



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# Automated Valet Parking

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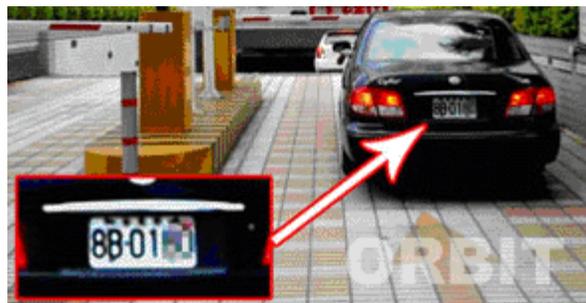
## LPR- Entering and Exiting Parking Garage Automatically

### Entering and Exiting Parking Garage Automatically:

Entering and exiting the parking building without manually taking the ticket and paying the parking will enhance the customer service and customer experience - the gates will open upon recognizing either the LPR technology

**LPR system:** When a reservation has been made over the phone or a computer, the user will import the vehicle license plate number, which will allow the gates to open automatically without presenting any form of physical payment.

**LPR reporting :** with this technology we can track inventory at all times and provide accuracy reporting every evening as per RFI or at any point of time during the day, this technology is constantly updating in real time.



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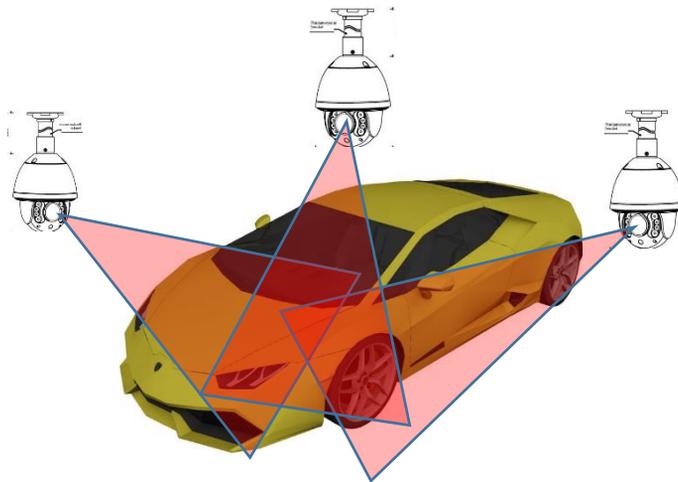
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# Automated Valet Parking

## Scanning Vehicles When Checking In and Checking Out

### 360 Scanning Vehicles :

Valet parking experience complaints from clients that something has happened to their car or some damage occurred while the car was parked in the valet area. With the option of scanning the car upon entry to the valet area and re-scanning the car once again upon departure process from the valet area, our system will provide irrefutable evidence that the damage to the vehicle occurred or did not occur while the car was parked and serviced by the valet staff.



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# Automated Valet Parking

## Checking In Vehicles without Reservation

### Checking In Vehicles without Reservation:

We estimate that about 30% of the valet parking clients' will still be arriving without reservations. Consequently, we are preparing an easy interface for the valet staff to enter the information into the system from a mobile tablets. The tablets will have the capability to accept payment with cards and will still have the option of paying with cash to the valet staff. valet staff will input the same information as client would have done on his phone or computer which will then be recorded as reservation, therefore the same process and capabilities will be implemented to the overall system.



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# Automated Key system

True Parking and 1Micro have partner to solve the valet parking keys system

## THE WORLD'S MOST ADVANCED KEY TRACKING SYSTEM

Designed from inception as an automotive specific Key Tracking System, the KeyMaster™ is the most advanced, key control system on the planet. From its simple touch screen user interface to its secure ATM style enclosure, KeyMaster™ stands alone. Your dealership deserves key tracking with security, efficiency, and accountability. Compare us to the competition and you will see for yourself. "Nothing even comes close".



# Automated Valet Parking

## Parking Vehicles with Guidance System According to Duration

### Parking Vehicles with Guidance System According to Duration:

Moving around 500 cars a day in and out between levels is hard as it is. Our guiding system will provide each car the optimized parking location relative to the duration of parking. Our LED signs and sensors will direct the valet staff to the desired parking spot by the guidance system software. We will have 256 different colors to choose from, which can be customize for different group of cars and can be categorized also if additional services need to be provided to the vehicle. Organizing the parking is simple – the software will learn the patterns and behavior of the parking spaces, and optimize the operation when we make changes based on software recommendations.



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# Automated Valet Parking

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## System Notification to Smart Phone

### System Notification to Smart Phone:

Today most clients call the parking valet office to let them know that they are arriving, triggering the process to retrieve their car and have it ready upon their arrival.

With our system, the clients will get a notification confirming their arrival date and time, prior to boarding the return flight. The notifications can be easily changed and customized based on client's requirements and driver recommendations (voice of the driver).

The software will notify the valet staff of arriving clients, indicating the respective cars need to be ready at the meeting area to be processed out.



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For more information please contact us  
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