



ABOUT US

Forte Urban Technology has two main brands: **ParkFORTE** and **CityFORTE**.

ParkFORTE provides Turn-key solutions from A to Z Parking Projects, **CityFORTE** provides Smart City solutions.

Riyadh / Saudi Arabia

Belgrade / Serbia

Podgorica / Montenegro



OUR ACTIVITY AREAS

PARKFORTE

In the park management industry, following the innovations in both technological and other fields, it offers integrated solutions by using automation and architectural skills in its projects.

As we believe that each car park requires unique and customized management systems to perform the best operation, we consider the system approach to designing the entry and exit, traffic flow, guidance systems, valet systems, management/payment systems and access management of each car park project

CITYFORTE

In this context, CityFORTE supports the smart city technologies and infrastructures for transportation, environment, energy, management issues brought by the crowded population in the cities.

It provides solution and product service by following the vision in the world for a city administration which is fast, sustainable, safe and citizen - management with single center management.





PARKFORTE



PARKING WORKFLOW



Vehicle Entry



Totem showing the numbers of empty parking spaces on floors



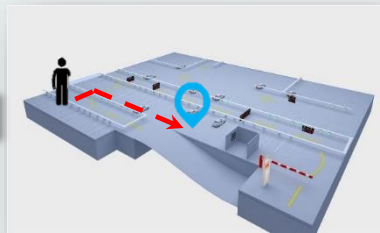
In Parking guidance signage



Sensors for empty/full parking + RGB LED



Vehicle Exit



Where is my car application



Payment



After Parking



Parking Guidance System (Empty-Full)

Empty areas are recognized by ultrasonic, camera or magnetic sensor. The lights placed in the free space provide information on the parking space situation to park from a long distance.



Parking Guidance Systems (Ultrasonic)

- In the parking lot, the occupancy of the parking space reserved for each vehicle is determined and monitored by ultrasonic (high frequency) sensors working with sound waves.
- The connected LED lamps are placed in the field of view and informs the driver about the location according to the color they are lit.
- LED Lamps are configured as follows, Green for Free, Red Full and Navy Blue for disabled.



Parking Guidance System (Camera Based)

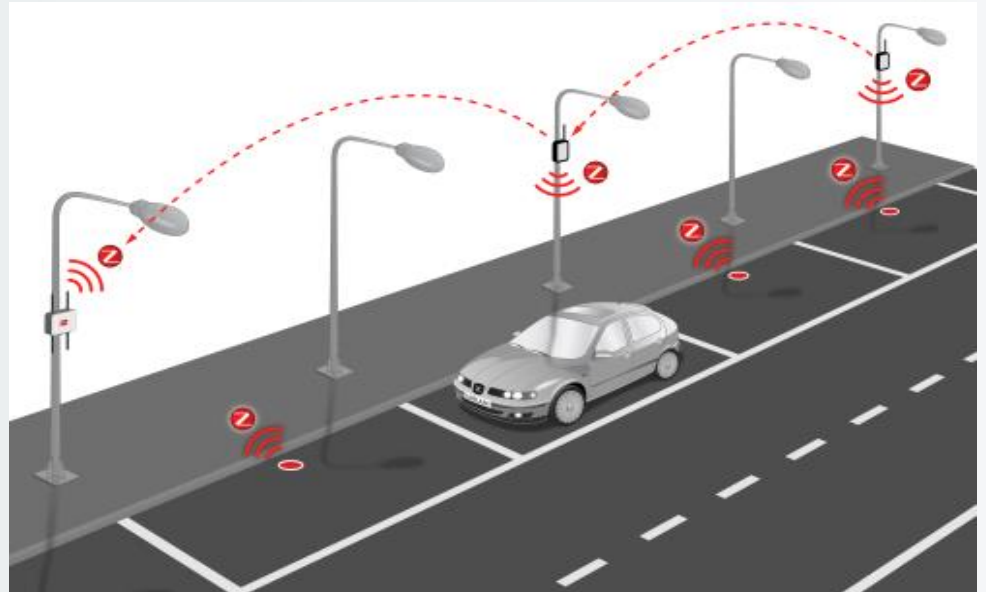
- Camera sensors can monitor points on both sides of the corridor, with up to 6 vehicles with 3 double-sided cameras in the same area as a single-sided camera.
- The images they record are processed with video management software to send rich data to the system.
- Obtain statistics of vehicles using the parking facility. (license plate numbers, circulation in the park, parking time and status statistics, etc.)
- It provides better security in the parking facility (complement of CCTV systems).
- It helps end users to find their cars by kiosk or payment machine.



Parking Guidance System (Magnetic Sensor Based)

- The magnetic sensor monitors whether parking spaces on the road or in the open area are being used
- Its wireless design and battery usage guarantee low-cost installation and fast and reliable operation

- The installation of a built-in sensor with asphalt or concrete using standard drilling tools is done in a very short time.
- A better detection can be made via the cloud, by remote automatic detection and recalibration.



Parking Guidance System (Signage)

The signage is the first element that vehicle drivers notice when entering parking facilities. They are special signs that help our customers to obtain the most suitable mobility inside and outside the parking area and provide information about their location.



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Parking Guidance System (Empty – Full)

Parking Management System

ANPR License Plate Recognition Cameras

Where is My Car Software

On-Street Payment Systems

Automechanical Parking Systems

Parking Consulting

Traffic Safety Mechanisms and Architectural Solutions



Parking Management System (Entry/Exit and Payment)

Parking facilities, Parking Management Systems are combined systems with modern mechanical systems of advanced electronics and information technologies.

A standard Parking Management System consists of entry and exit ticket machines, barrier, manual payment station, automatic payment station, management console and servers.



Parking Management Systems (Entry/Exit Terminals)

As required in a parking facility, ticketing equipment provides all functions such as ticket distribution, ticket verification and card reading.

Input / Output Terminals provide a modular hardware and software platform and can be configured to meet any requirements in the current parking environment. It supports various ticket technologies, RFID and Barcode technology.

Entry/Exit Terminals, ticketing slot, light ticket purchase button, you can give all kinds of graphics on the TFT screen, Intercom and optional IP camera support features.



Parking Management System (Automatic and Manual Payment)



The APS is an Automatic Payment Station and offers the collection of the parking fee to the drivers as self-service. The stations that can work as a part of the parking management system are installed in suitable places to pay and view on foot. It has a wide variety of payment methods (coins, banknotes, credit cards, etc.)

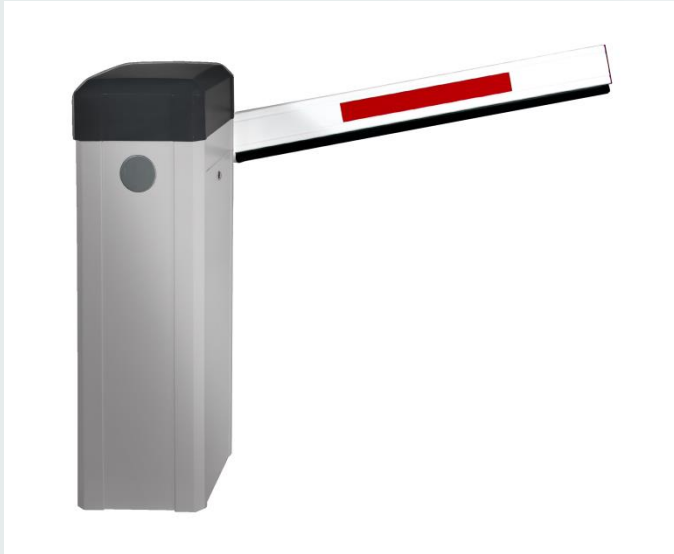
Manual payment stations are units that serve as a cashier at the exit terminals for drivers in parking spaces that do not have an automatic payment station or at suitable places of the car park. In addition, the lost ticket, the new ticket transactions can be realized from the cashier.



Parking Management System (Barrier)

Car park barrier systems are the devices that provide the access control of the vehicles as well as the security in the parking lots.

Wear-resistant mechanical design ensures fast, smooth and safe movement. The barriers are suitable for heavy duty situations and perform up to 10,000 cycles per day.



Automatic reverse or stop feature is activated in contact with an object in downward movement.

Parking Management System (Management Software)

The whole car parking system is the brain and central management system. The management server software is installed on the field controller or on the parking server, so it includes integrated remote system management software that enables remote management of remote locations for distributed systems.

The system accommodates and collects all the information in the parking lot.

The manager can access all these data as soon as possible.

The manager can also learn the business status of the car park with the workplace report and data record.





Parking Guidance System (Empty – Full)

Parking Management System

ANPR License Plate Recognition Cameras

Where is My Car Software

On-Street Payment Systems

Automechanical Parking Systems

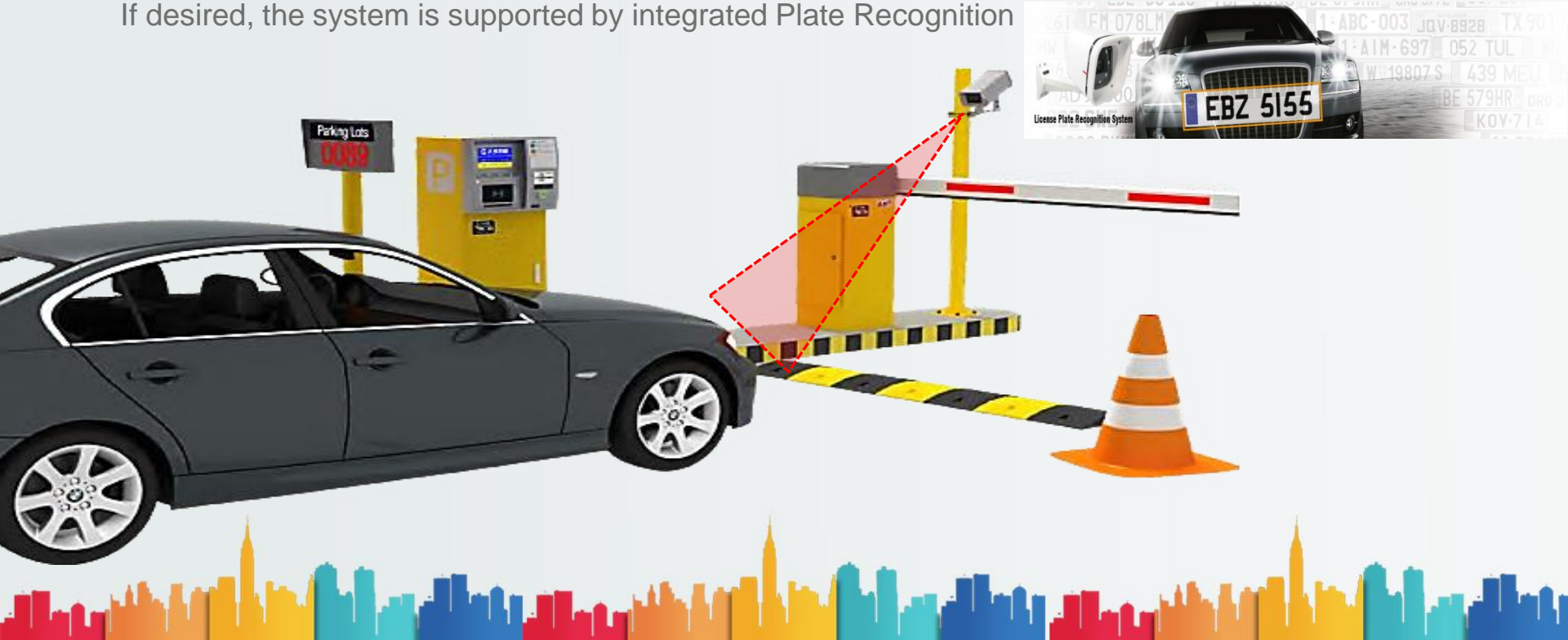
Parking Consulting

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ANPR License Plate Recognition Cameras

License Plate Recognition System is an application that recognizes the vehicles by looking at the plates. The Plate Recognition System is an image recognition technology because it uses images that come with the camera to recognize the plates.

If desired, the system is supported by integrated Plate Recognition

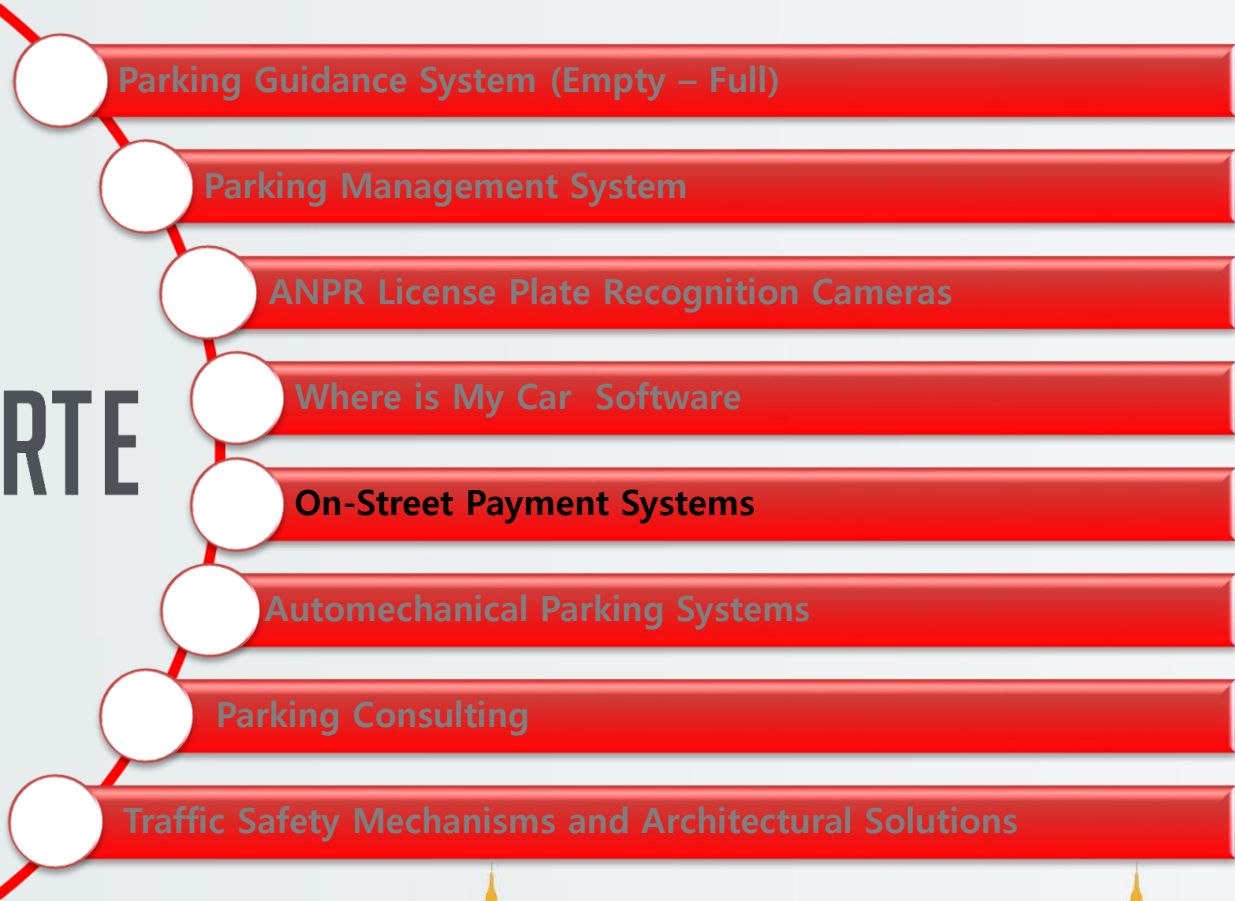




Where is My Car Software

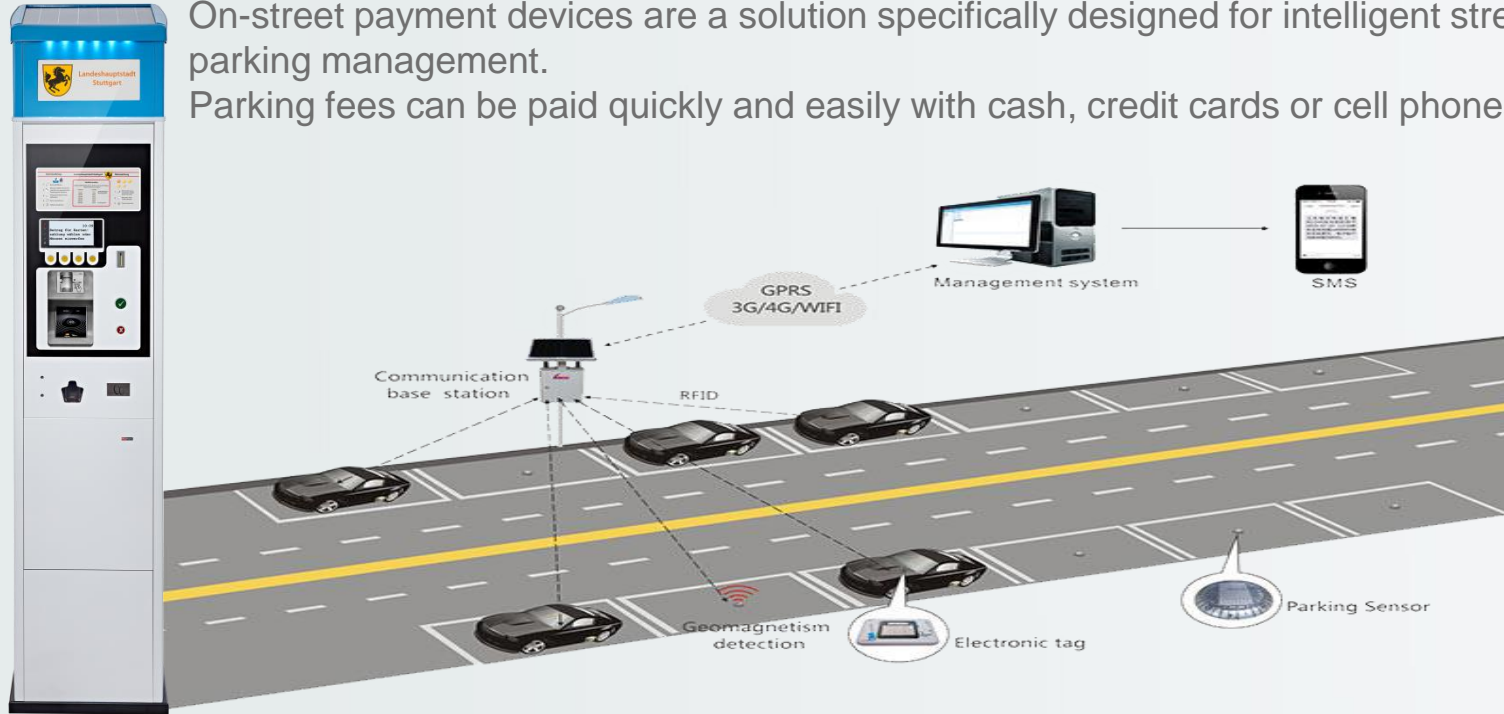
It is an application that helps you to find where your car is in an easy way thanks to the camera, surveillance and image processing systems that are integrated with car parking guidance systems.





On-Street Payment Systems

On-street payment devices are a solution specifically designed for intelligent street parking management. Parking fees can be paid quickly and easily with cash, credit cards or cell phones.





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Automechanical Parking Systems

Multi Storey Automatic Mechanical Car Parking Systems have the capacity to park an unlimited number of small cars. Parking operation can be completed in 2 minutes.

- Finding a fast parking space saves a lot more in term of time and fuel.
- Both parking your car or getting out is fast and easy,
- There is no accident, damage and theft.
- The operation of the system is controlled and reliably managed by computers.



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Parking Consulting

You can get more professional projects with expert advice and guidance before you decide on parking facilities, parking requirements, preparing plans or setting up a new car park.





- Parking Guidance System (Empty – Full)
- Parking Management System
- ANPR License Plate Recognition Cameras
- Where is My Car Software
- On-Street Payment Systems
- Automechanical Parking Systems
- Parking Consulting
- Traffic Safety Mechanisms and Architectural Solutions



Traffic Safety Mechanisms and Architectural Solutions

ParkFORTE offers you various solutions in this area with our business partner who produces local solutions to meet the many needs of enterprises from A to Z with his knowledge and experience in Traffic Safety Products and Architectural Solutions.



What should we ask?

- Is there an empty / full system in the parking lot or is it requested?
- If required, is the solution required based on ultrasonic or camera based?
- Is the signage, occupancy indicator solution requested in floors or corridors?
- Entry / Exit Payment systems required?
- How many entries and exits?
- Automatic / Manual payment?
- Will manual payments be available at the exits or in different locations?
- Is there an entry / exit with ticket, or ticket solution?
- Will RFID card solution be used for subscribers?
- Is ANPR Plate recognition requested?
- Is Mobile payment needed?
- Will the city VMS signage be needed?
- Will Dynamic Signage redirection be made?
- Is outdoor parking available?
- Do you need full occupancy information?





THANK YOU...

