







### COMPANY PROFILE & PRODUCT INTRODUCTION



## OUR MISSION

To provide an all-in-one parking system navigating drivers directly to the closest available parking spot to their destination including on-street, offstreet or even pre-booked.



# What makes EPS' Cityzen software system more than our competitors'

- ALL-IN ONE (off-street, on-street, debt collection) complex and modular system
  - Hardware integration and management
  - Premium service for drivers
  - Cost optimalization/decrease for operators
- Hardware independent
- Scalable from one parking facility to an entire city
- Development based on operation experience and know-how
- Unmanned (fully automatized) parking operation





- ✓ WE DESIGN, DEVELOP, OPERATE AND SELL TAILOR-MADE INTELLIGENT TRAFFIC DEMAND MANAGEMENT SOLUTIONS FOR CITY GOVERNMENTS AND PARKING OPERATORS.
- ✓ WE GIVE FULL SUPPORT ON ITS & SMART CITY PROJECTS THAT INCLUDES: PREPARATION, PLANNING, BUSINESS MODELING, FINANCING, IMPLEMENTATION AND OPERATION.
- ✓ WE OFFER PROFESSIONAL OPERATION MANAGEMENT TEAM AND INTERNATIONAL LEADING EXPERTISE AND EXPERIENCES INCLUDING DEBT COLLECTION.
- ✓ WE PROVIDE FINANCING OF THE PROJECT IN PPP, BOT OR OTHER, MUTUALLY BENEFICIAL BUSINESS MODEL.
- ✓ WE SUPPLY KNOW-HOW TRANSFER BASED ON OUR EXPERIENCE OF CONSTRUCTING AND OPERATING PARKING SYSTEM(S).

## SAFETY PENALTIES LAWMAKERS HILOSC

GOVE

FOLLOW

## We offer our clients

mostly city governments and/or parking operators

A complex solution for their parking problems, in form of a smart parking system with a long term professional management service.

Possibly fully financed by us in PPP/BOT business model.

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### OUR MAIN PRODUCT is our cutting edge SOFTWARE SYSTEM

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## The most beneficial social impacts of our projects are:

- ✓ the reduced search time for a parking space
- the significantly less cars that are hunting for a parking spaces, thus fewer participants in the urban traffic causing congestion,
- even tens of thousands of tons per year emission savings
- all parking data (occupancy and turnover rates, average parking time, financials, etc.) for the Government for traffic planning and policy decisions
- ✓ reducing operation cost for the operator(s)
- more satisfied drivers receiving real services, like dynamic guidance to available parking spaces

#### **Reference Projects**

• 20 year Build-Operate-Transfer cooperation with Yangzhong city in Jiangsu Province. Concession contract to develop and operate smart parking system of the city with a scope of 10k parking spaces. Currently app. 1000 parking spaces construction finished and under operation, further 1400 under construction and start operation in Q2, 2022. Cooperation with ZTE ITS Company limited, project company is a JV with the Chinese partner.

• 25 year PPP cooperation with Chifeng city in Inner-Mongolia Autonomous Region. Concession contract to develop and operate smart parking system of the city with a scope of 20k parking spaces. Currently app 7000 parking spaces construction finished and under operation, further 1500 already constructed and start operation in Q2, 2022. Cooperation with ZTE ITS Company limited, project company is a JV with the Chinese partner.

• 30 year PPP cooperation with Zhangjiakou city in Hebei Province, which is a venue location of the 2022 Winter Olympics. Subject of the signed concession contract is to develop and operate the smart parking system of the city with a scope of 25k parking spaces to be developed and operated for 30 years. Cooperation with ZTE ITS Company limited, project company is a JV with the Chinese partner. Consortium partner besides ZTE ITS also China Communication Construction Company Group, which is listed as No. 78 company on the Fortune500 list.

Providing smart parking software system for the Hungarian city named Hévíz since the 1st of August, 2020. Additionally public tender of the city won in May, 2021 contract signed in June, 2021 with the scope of building a unified, citywide smart parking system, connecting all parking spaces of the city by November, 2021 and providing technical maintenance and software license and support service, operating the system for 5 years. The construction finished and the system is online since the 26th of November, 2021. First citywide smart parking project in Hungary!



#### Current Problems Of PARKING

- Insufficient supply for parking spaces
- Difficult to find parking spaces
- Long parking time
- Helpless disorderly parking
- Will inevitably be punished
- Uneven service efficiency
- Incomplete systems and laws
- Serious money loss
- Lack of basic data
- Insufficient management experience
- Lack of decision-making basis
- High operation cost

It has become a rigid public demand to solve the parking problems, which has to be addressed.















#### **CURRENT PROBLEMS OF PARKING**



- Fragmented: a wide range of parking management and scattered parking resources
- No standard: no unified standard for access and release of parking space information
- Integration difficulty: the current models can not integrate existing parking resources



#### UNIFICATION WITHOUT DISTURBING THE INVIDIUAL INTERESTS





#### THE STRUCTURE OF THE PARKING SYSTEM





#### THE STRUCTURE OF THE PARKING SYSTEMS



The sensors communicate besides the gateway also with each other in a MASH network



interfaces

**Smart Parking Control Rooms built and** operated by EPS' Chinese SPV companies





The smart parking system including all parking spaces of Hévíz city municipality was realized and put under operation by our company in 150 days for our client, the city government



#### THANK YOU FOR YOUR ATTENTION! PLEASE VISIT OUR WEBSITE FOR FURTHER INFORMATION





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