Based on Internet of Things (IoT) Positioning Technology

Smart Parking Solution

Position Data Service New Life

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Catalogue

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Location Data Service New Life

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-Part 01-

Market Demand

Parking Space Pain Points

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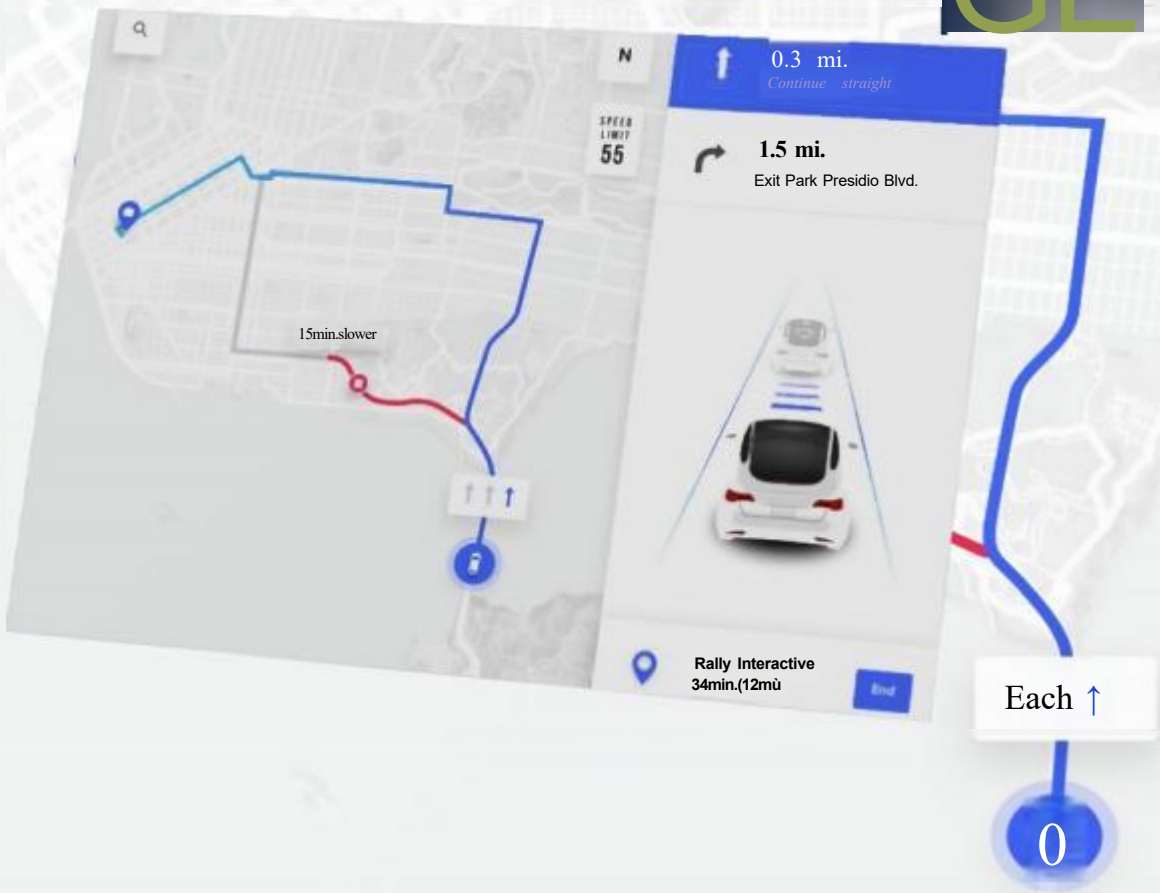
Passenger side

Difficulty in finding a vehicle: The parking area is large, and passengers often get lost due to the driver's verbal instructions or static guidance on the navigation screen. Locating the parking spot for a ride-hailing vehicle is both difficult and time-consuming.

parking lot management

The difficulty in maximizing space utilization: The lack of effective guidance methods for passengers to quickly locate corresponding ride-hailing vehicles results in prolonged search times and inefficient parking space utilization.



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-Part 02-

System Introduction

Position Data Services

System Function Introduction

self

Real-Time Location Awareness

Passengers can turn on their phone's Bluetooth (a prompt will appear if not connected) to instantly access high-precision location data for the designated area, showing their current position.

Path Planning

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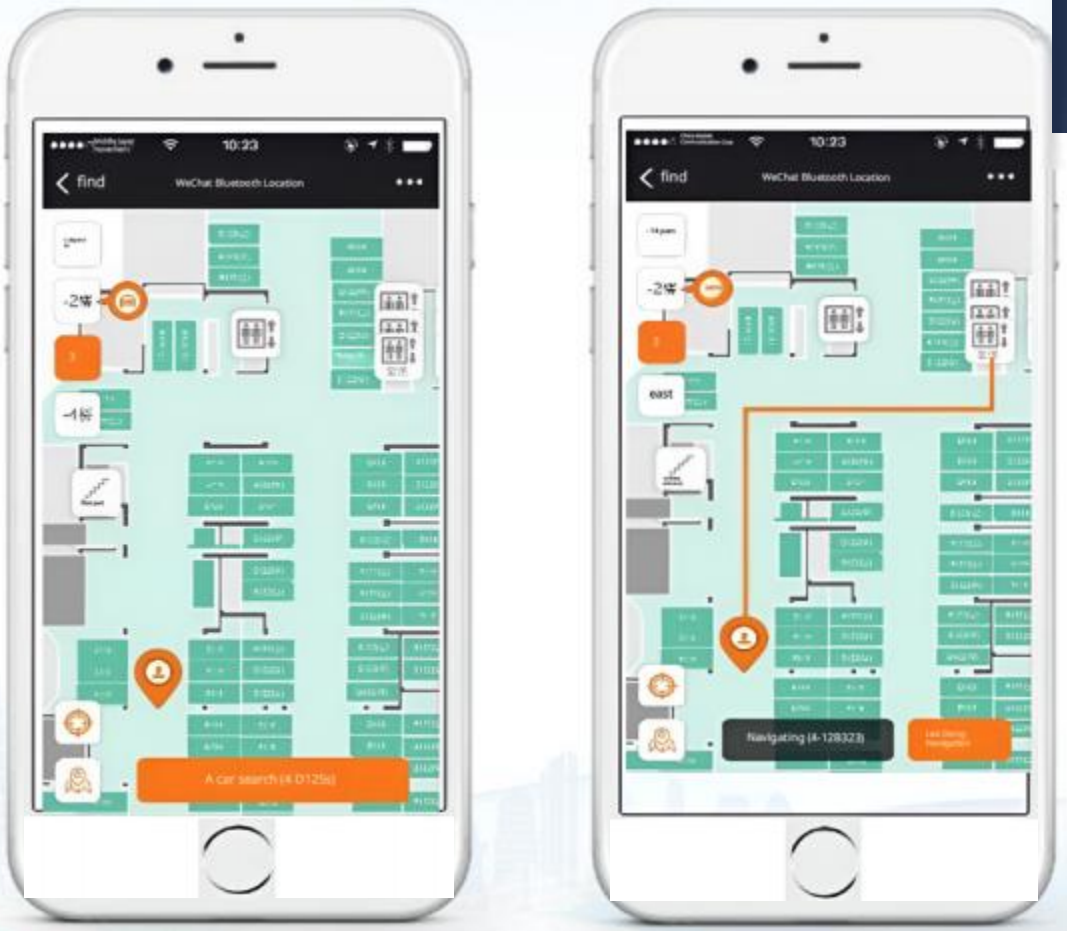
Passengers can use the mobile phone car search application to get the route planning of the network car parking space, and choose one-click car search. The system plans the best car search route for users.

> Connect with the parking management system and support multiple types of parking space search methods (including license plate search and parking space search)



Simulated Navigation

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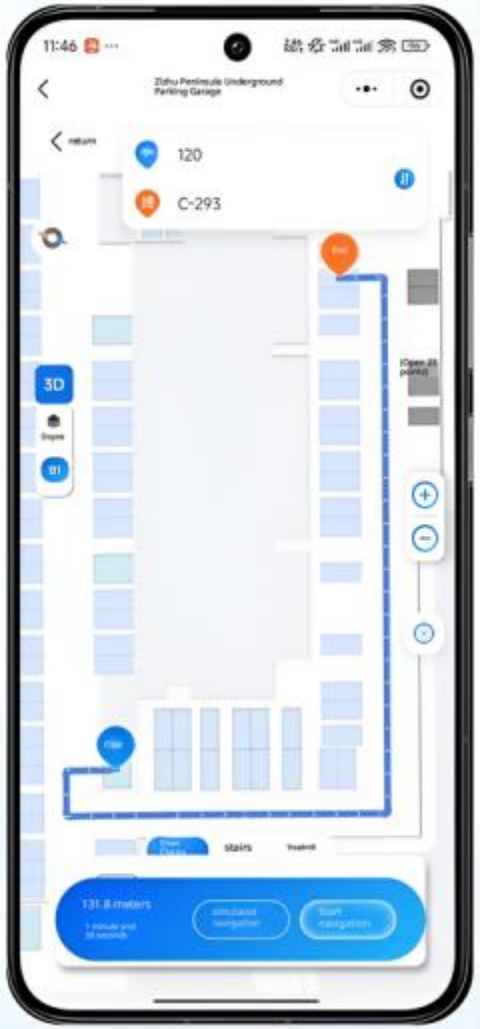
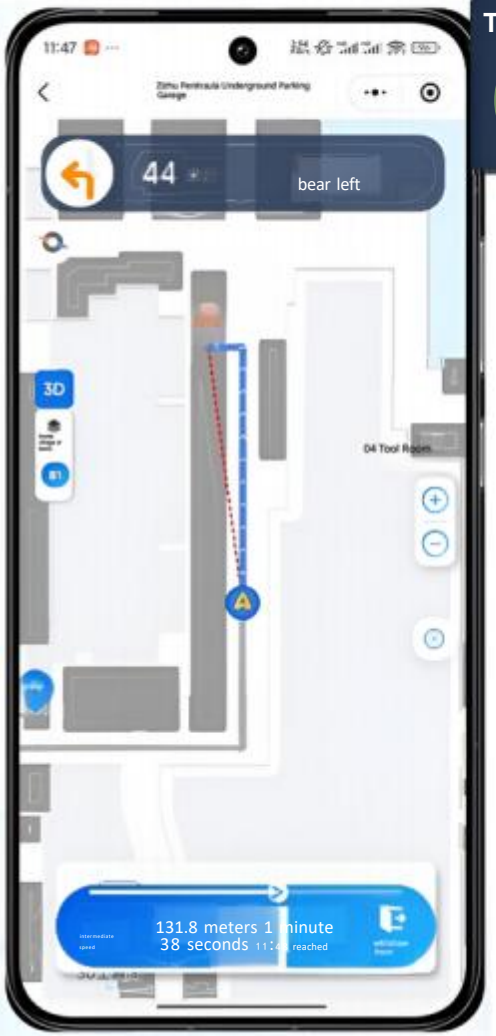
- Passengers can check simulated navigation using the ride-hailing app's parking space and license plate numbers while queuing, helping them plan routes in advance and save time boarding.





Real-Time Navigation

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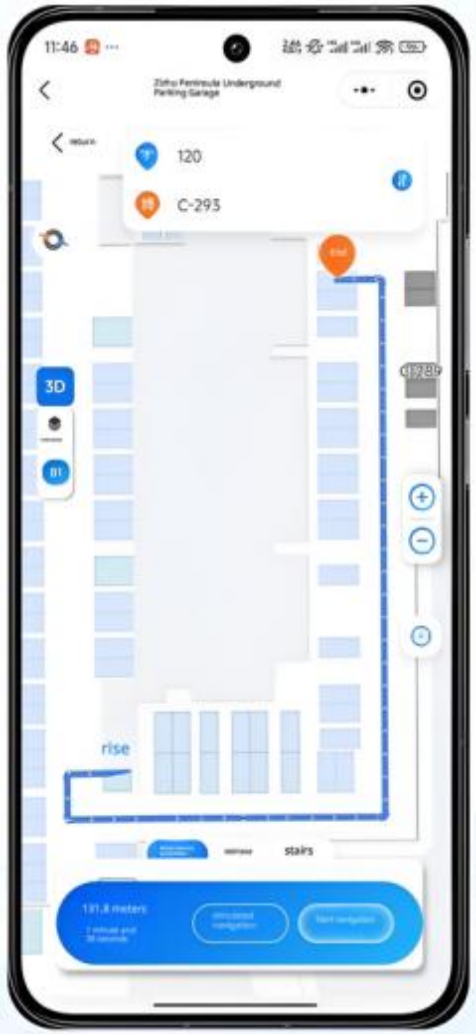
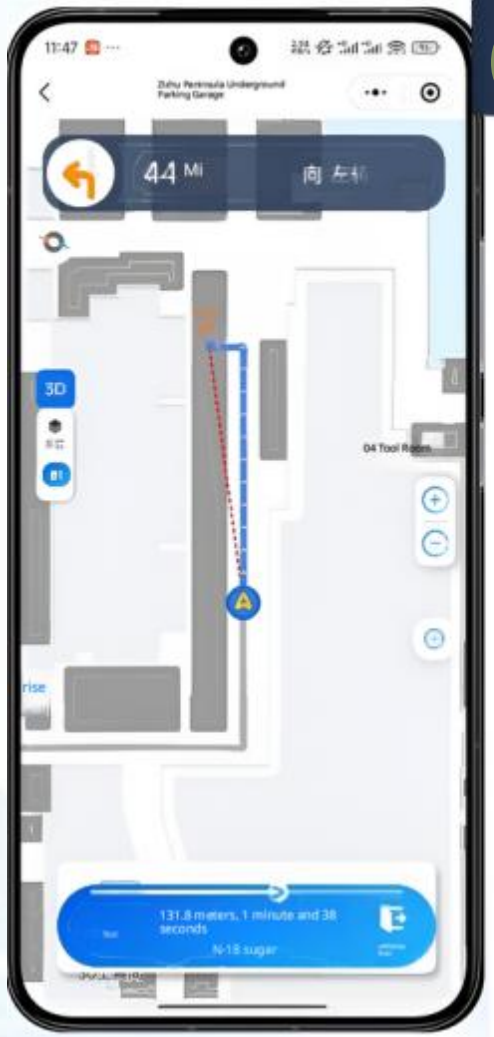
Passengers can use real-time navigation guidance through animated and voice prompts based on their dynamic location. If they take a wrong turn, the system automatically calculates the latest route to help them quickly find the corresponding ride-hailing vehicle.





Location Sharing

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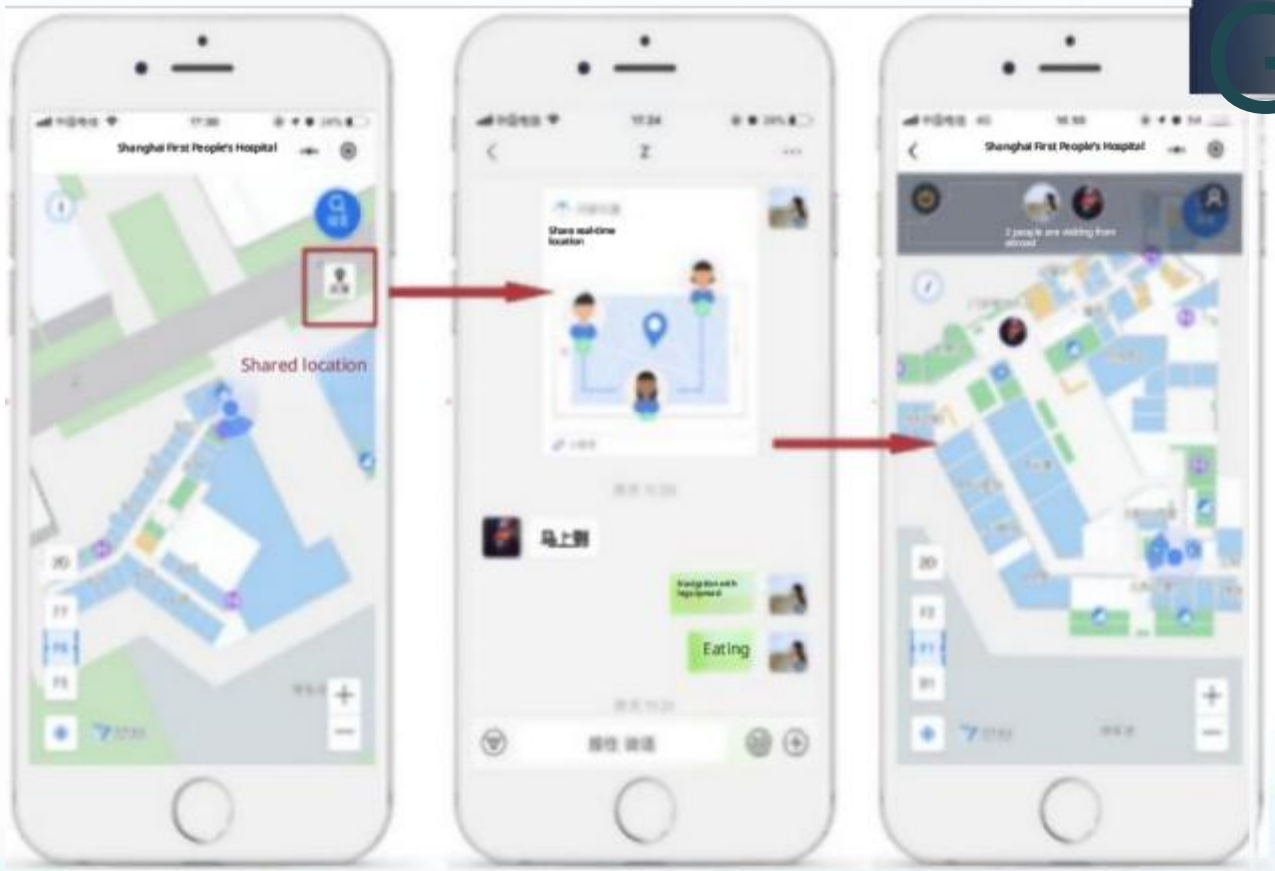
Passengers can receive real-time navigation guidance through animated and voice prompts based on their dynamic location. If they take a wrong turn, the system automatically calculates the latest route to help them quickly locate the corresponding ride-hailing vehicle.



License Plate Number Search

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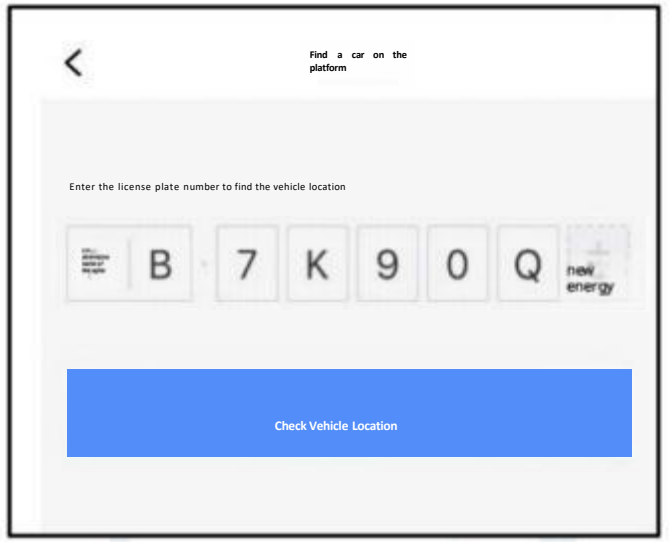
By integrating with the on-site parking system, passengers can use the ride-hailing app to locate their vehicleIs position in the parking lot by its license plate number. The app supports simulated navigation to plan routes or real-time guidance for immediate location.



Find a Car by Parking Space Number

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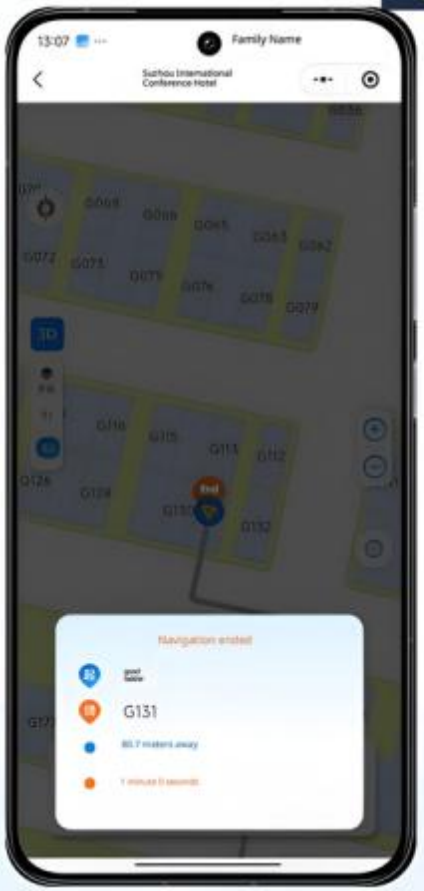
You can also use the map to select your destination by identifying the parking space number where the ride-hailing driver is parked, then plan the optimal route to get there.



position data services neonates

Hardware System Scheme

self at

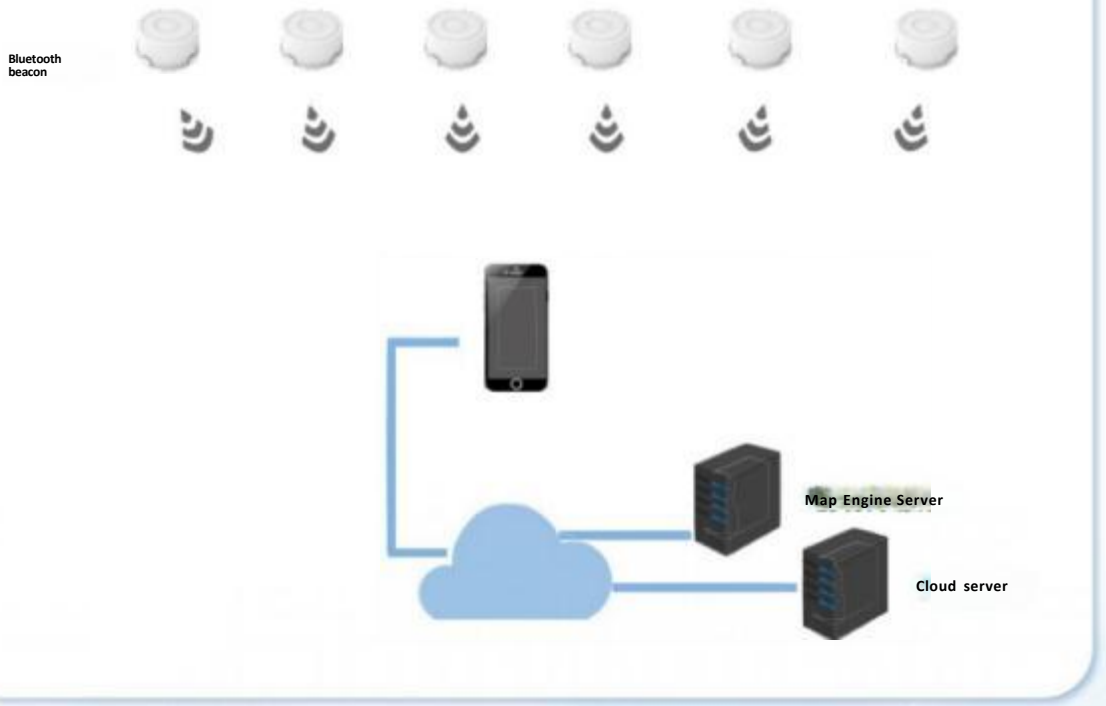
System Architecture

Active Positioning System

Bluetooth beacon iBeacon positioning technology broadcasts Bluetooth signals, with positioning accuracy controlled within 2-5 meters.

Mobile positioning terminals, such as mobile phones, upload the scanned beacon data to the server through the operator network.

Location and map engine server carries location calculation and map application services, parses and calculates the data returned by intelligent mobile terminals, obtains location results, and displays them in the map engine.



System Architecture

High Precision AOA Positioning System

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AOA positioning tag Bluetooth signal, positioning accuracy

0.1~1 meter;

AOA Positioning Base Station Is Determined by the Signal Arrival Angle (AOA)

The algorithm obtains the unique direction and position of the wave, and transmits the data back to the server through WiFi or Ethernet;

Location and map engine server carries location calculation and map application services, parses and calculates the data returned by the location base station, obtains the location results, and displays them in the map engine.

Core Advantage

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Simple to deploy and low cost

The device features a 3M adhesive design with a battery life of 4-5 years, eliminating the need for wiring connections.

high flexibility without environmental constraints

Bluetooth signal transmission and reception is not limited by signal-free environments, and the compact device does not affect overall aesthetics.

Integrate multiple business scenarios

A single deployment supports various business scenarios

including indoor navigation, on-site vehicle tracking, heat data analysis, inspection task attendance, and cleaning service attendance.

Enhance the overall experience

Solve customers' pain points in finding destinations, parking spots, and vehicles indoors, and enhance their experience.

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-Part 03-

Case Introduction

Classic Case

First-Class Products and Services Win High Recognition from Customers

Daxing Airport Parking Garage

Magnolia Square

Jiahua Xincheng Parking Lot

Xi-Xian Financial Services Port

Classic Case: Business Center

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Simply deploy in the business center, and it can provide **intelligent tour, parking space reservation, parking guidance, reverse car search, accurate advertising, crowd statistics, mall operation management, shop bidding analysis, fire evacuation command** and other services.


lamp


Magnolia Square


Guojin IFC


Jingyao Qiantan


Changzhou Tianning Wuyue Plaza


Changchun Beihu Wuyue Plaza


Chongqing Yubei Wuyue Plaza


Kunming Chenggong Wuyue Plaza


Chengdu Magic Cube


Zhuoyuehui


Wuhan Joy City


Hong Kong ICC

Classic Case: Large Public Places


Shanghai-Ningbo Talent Cooperation Pioneer Zone


Shenzhen Bay Technology Ecological Park


Nantong Zilang Science and Technology Park


Xijian Gong Industrial Park


Yangzhou East Station


Hohhot High-Speed Railway Station


Changchun Longjia Airport


shanghai metro


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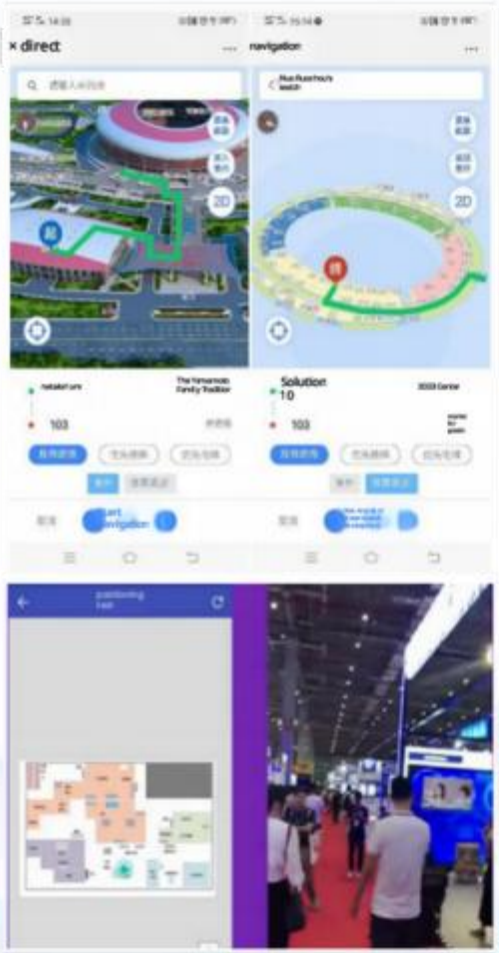

Bluetooth beacons are deployed in large public venues, allowing users to locate themselves through mobile apps or WeChat and **access real-time location information points within the premises** for **real-time navigation and vehicle tracking**. The system also enables server-side data analysis to provide **crowd flow and thermal analysis, fire evacuation command, venue operation management,**and **epidemic prevention and control in key areas**.

Classic Case: Nursing Home

The smart elderly care management system at Yanda Golden Years Health Care Center integrates **smart IoT devices worn by seniors with backend security systems, medical care systems, surveillance systems, large screens, and call systems**, forming a closed-loop intelligent management system. Leveraging IoT technology, the system incorporates **Bluetooth modules, 4G modules, RFID, GPS modules, and IC** chips to enable real-time location reporting both within and **outside the facility, emergency alarm alerts, two-way communication, access control, and payment services.**This comprehensive system significantly enhances facility management efficiency while reducing operational costs.


Yanda Golden Years Health and Wellness Center


Ruyang Happiness Yiyuan


Beijing Ronghua Qishan


Shanghai Chengyi Nursing Home


Beishui Kangxin Garden


Hunan Nursing Home, Pudong New Area

A portable, multifunctional, integrated smart IoT terminal: It features convenient charging. Elderly users can simply place the terminal into the base for magnetic charging. When external charging stations are inconvenient to carry, universal Type-C charging can also be used. Its external appearance and size are identical to those of a standard employee ID card.

Classic Case - Factory


Yili Cement Factory


Zhejiang Wuyue New Energy


Yunnan Airport Oil Depot


Apollo Machinery


Baotou Cement Factory


Zhengbei Sinopec Oil Depot


Wild Wind Pharmaceutical


Kunshan Huaxin


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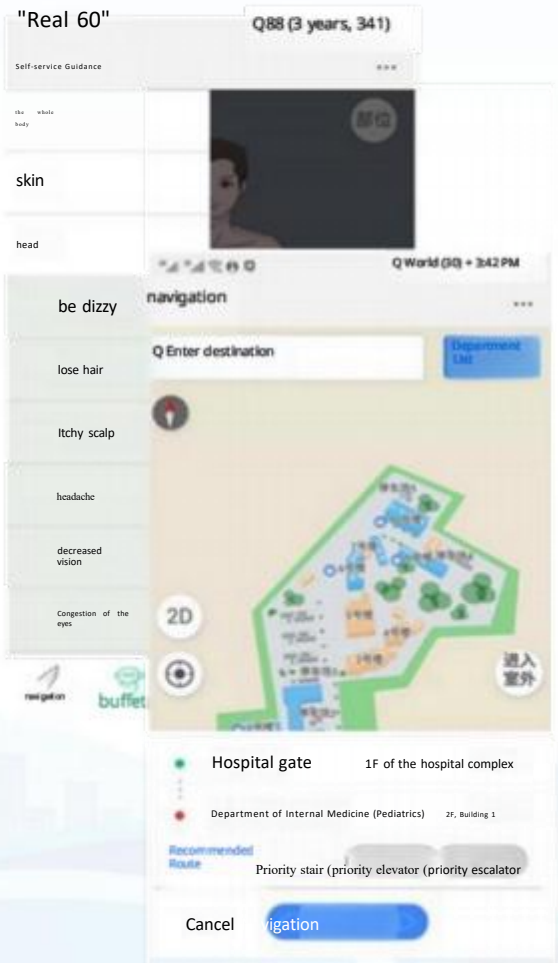
Medisoco utilizes industry-leading IoT positioning technology to achieve personnel tracking and rail

The chemical plant personnel safety positioning system integrates features such as trace inquiry tracking, one-click assistance, video linkage, electronic fencing, and overcapacity warning. It achieves comprehensive coverage of chemical plants, enabling efficient management at multiple levels while fully ensuring production safety. This system establishes a robust and sustainable production operation mechanism.

Classic Case-Hospital

Medisoco collaborates with numerous hospitals to establish a 'smart hospital' that integrates intelligent triage, in-hospital navigation, infant anti-theft, patient monitoring, and management of medical staff/ logistics personnel/medical equipment, thereby meeting hospital needs.

The demand for improving the level of medical services, enhancing the patient experience, and increasing management efficiency.



A Case Study of Court and Government Service Center


Jinshan Court


Xihua County People's Court


Laibin Intermediate People's Court


Beiliu People's Court


Huizhou Yuyang District Government Service Center


Xining Citizens Center


Shandong Rizhao Government Service Center


Laoshan Civic Center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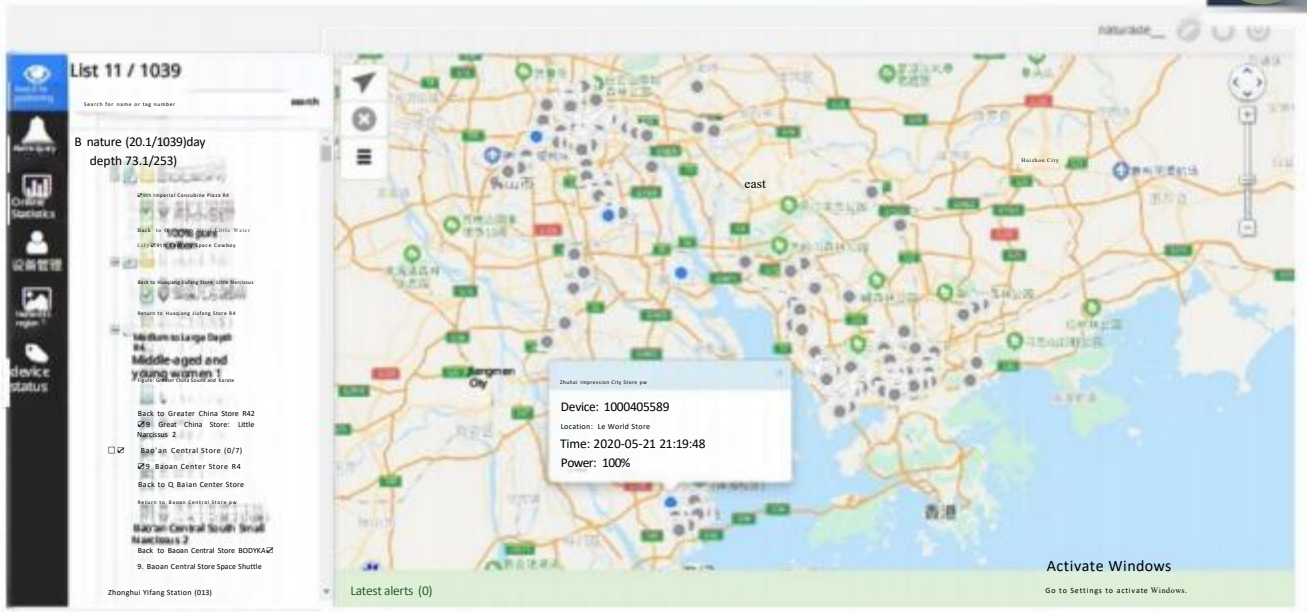
Medisoco utilizes 3D virtual reality technology, indoor positioning, and indoor navigation systems to create 3D virtual models of building exteriors and indoor scene maps, establishing a 3D intelligent navigation platform. This system **provides users with convenient services including building interior/exterior view displays, 2D/3D map switching, cross-floor building navigation, route playback, and multi-search functions**.

Classic Case - Property Management



The Medisoc indoor positioning system is also applicable to logistics, warehousing, laboratories, stores, and other venues. It enables **asset management by providing real-time device location, historical trajectory data, borrowing records, and equipment photos**. Additionally, it can be utilized in property management to **monitor the real-time locations of security, cleaning, engineering, and consular department staff, replay movement trajectories,**and perform **service inspections and service time statistics**. These features significantly enhance the efficiency of management personnel.

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-Part 04-

Company Introduction

What Can We Do for You?

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The Eyes of Wisdom

The Eye of Wisdom, perceiving all things. Harness industry data to gain insights, and apply scenario-based intelligence to address industry pain points.

Panoramic Monitoring

Provide a smart monitoring dashboard for comprehensive operation data monitoring and real-time analysis

AI Prediction and Decision

Powerful machine learning capabilities, leveraging massive industry data to optimize operations

Perform accurate prediction and assist decision-making

Digital Visualization

High visualization enables efficient online business management and decision-making

Smart Factory Personnel Management Platform

intelligent property management system

Smart Park Management Platform

Smart Elderly Care Management Platform

In-room navigation mini-program

Our Honors and Qualifications

Shanghai Medisico Electronic Technology Co., Ltd.

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- National High-Tech Enterprise
- Software company certificate
- The product has passed the explosion-proof certification.
- domestic radio committee certification
- CE/FCC/RoHS and other authoritative certifications
- Complete set of features including collision protection, pressure resistance, and protection rating
- Comprehensive management system certification covering quality, environmental, intellectual property and other aspects

It has accumulated 20+invention patents and 20+software Copyrights

Has received multiple industry honors

Contact Us

GEPOWER TECHNOLOGY PTE LTD

vision：

Become the world's leading provider of location-based IoT solutions

Connect Everything With Location

Use location to serve enterprises and society!

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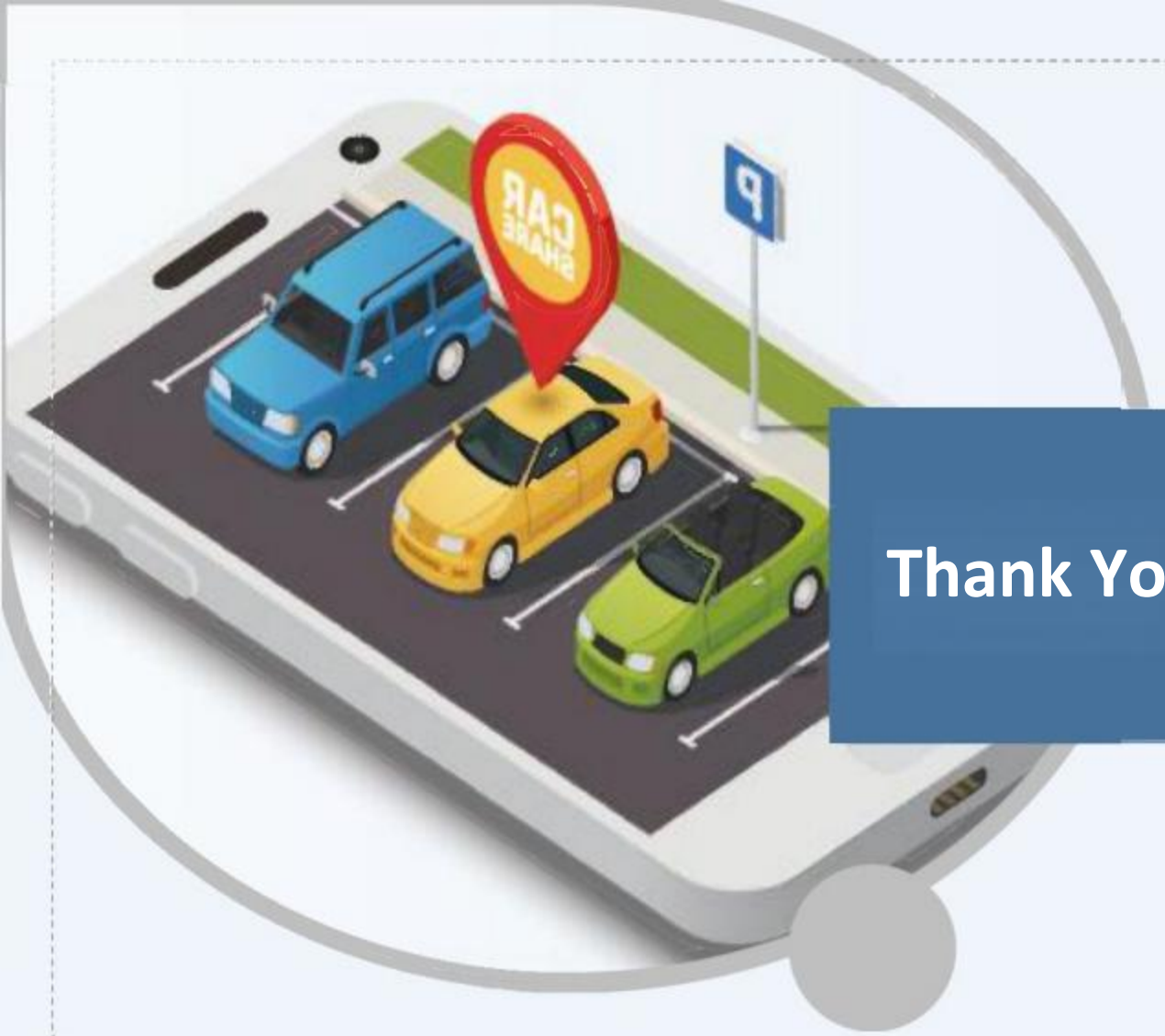

Thank You for Your Attention.

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