



一切皆有位置 位置链接价值
NOTHING IS UNFINDABLE LOCATION LINK VALUE

上海万位数字技术股份有限公司

邮箱: wwkj@wanwaytech.com

网址: www.wanwaytech.com

电话: 400-6966-360

地址: 上海市宝山区蕴川路1188弄58号-5G大人物产业园

企业文化

CORPORATE CULTURE

使命 /Mission

让天下没有难找的东西
Nothing in this world is difficult to find

愿景 /Vision

一切皆有位置 位置链接价值
Nothing is unfindable, location links value

价值观 /Value

正能量 讲结果 快
Postive Energy, Outcome First, Fast Execution

核心 /Core

P(位置 Location)、A(算法 Algorithm)、S(传感器 Sensor)、S(方案 Solution)

目标 /Target

全球领先的位联网数字服务商
Global leading Internet of Position digital service provider

目录 CONTENTS

公司概况 ·····	01
Company Profile	
应用领域 ·····	09
Application Area	
数智平台 ·····	12
Digital Intelligence Platform	
解决方案 ·····	29
Solution	
企业优势 ·····	39
Enterprise Advantage	
合作案例 ·····	43
Cooperation Case	
合作客户 ·····	47
Cooperative Client	



企业简介

COMPANY INTRODUCTION

万物互联，各有其位。

万位数字秉持极致创新、科技引领的理念，不断将北斗技术推广到一带一路国家，为全球客户提供优质的北斗物联服务，致力于成为全球北斗生态品牌的引领者！

All things are interconnected and have their own place.

With the concept of ultimate innovation and technology leadership, WanWay continuously promotes the BDS/GPS technology to countries along the Belt and Road, providing global customers with high-quality BDS/GPS IoT services, committed to becoming a leader in the global BDS/GPS ecosystem brand!



一切皆有位置
Nothing is Unfindable

万位智联

WanWayTrack

以智能硬件+软件+SaaS服务三位一体，为海内外企业、政府、个人位构建车辆、物品、人员的“位联网”，提供位置服务、运营管理、智能风控等一站式物联网综合解决方案。

Using intelligent hardware, software, and SaaS services, we provide a comprehensive IoT solution for vehicle, assets, and personnel tracking, offering location services, operational management, and intelligent risk control for enterprises, governments, and individuals worldwide.



车辆位置物联方案
Vehicle Tracking



人员位置物联方案
Personal Tracking



物品位置物联方案
Asset Tracking



一切皆有位置
Nothing is Unfindable

企业发展

ENTERPRISE DEVELOPMENT

2012—2014 年：

万位数字成立，第一代位置服务平台上线，获得多项软件著作权证书。

2012-2014:

WanWay established, the first generation location service platform is launched, and it has won multiple software copyright certificates.

2015—2017 年：

第一代自研智能硬件成功上市，完成全国 92% 区域服务网点的覆盖。

2015-2017:

The first generation of self-developed intelligent hardware was successfully launched, covering 92% of service outlets nationwide.

2018—2020 年：

基于 BDS，全力构建“位联网”，新业务、新场景版图不断扩大。

2018-2020:

Based on BDS/GPS, fully committed to building IOP, and expanding our new business landscape.

2021—2023 年：

发力资本市场，国内外齐头并进，蓬勃发展；入选国家级专精特新“小巨人”重点企业名录。

2021-2023:

Force the capital market, domestic and foreign progress together, vigorous development; and innovation “Little Giant” key enterprise

企业成果

CORPORATE ACHIEVEMENTS

100+ 行业数字化转型解决方案

100+ industry digital transformation solutions

年均研发投入约为销售额的 **15%**

15% of revenue for average annual R&D investment

服务网络覆盖全国 **2600** 多个区域

2600+ Chinese cities and counties covered by service

累计获得 **100+** 项发明专利、软件著作权

100+ invention patents and software

智能硬件累计接入近 **2000 万**

20 million + intelligent hardware accessed

立足上海、面向全国、辐射全球

Based in Shanghai, facing the nationwide, and radiating the world

荣誉与资质

HONOR AND QUALIFICATION

荣誉证书 Certificate

累计获得 **100 余项** 发明专利、软件著作权
Accumulated more than 100 patents for invention and software copyrights



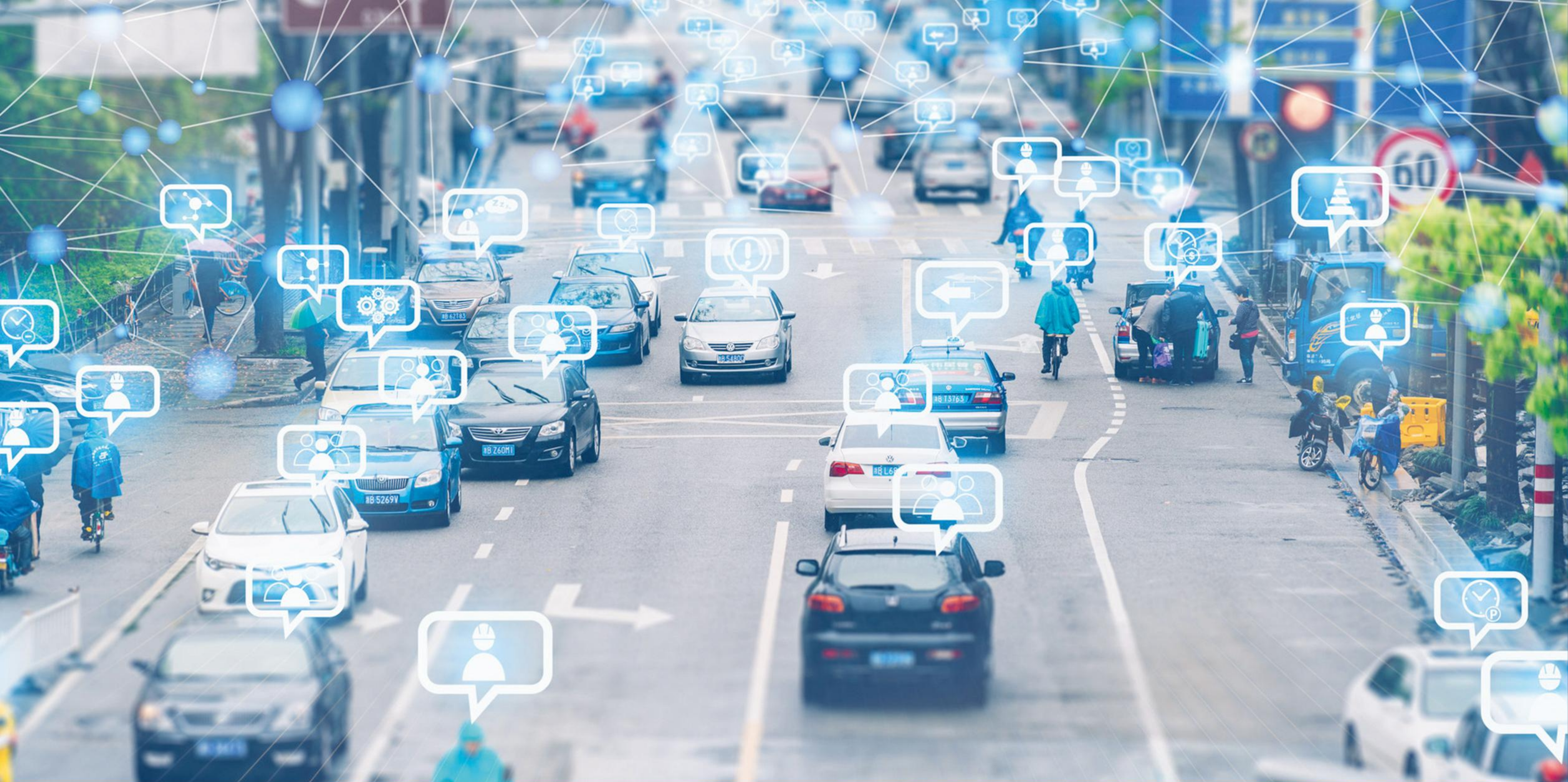
体系认证 Qualification



团队风采

TEAM STYLE





万位数字以“北斗+智能终端”为载体，依托 AI、大数据、机器学习、边缘计算等手段，为海内外企业和政府机构提供个性化“位联网”服务，助其实现智能化转型与数字化升级。

WanWay is carried by 'BDS/GPS + Intelligent Hardware', relying on AI, Big Data, Machine Learning, Edge Computing and other means, to provide personalized 'location-based networking' services for global enterprises and government agencies, helping them achieve intelligent transformation and digital upgrade.

应用领域 APPLICATION AREA



科技风控
Technology Risk Control



智能中控
Intelligent Central Control



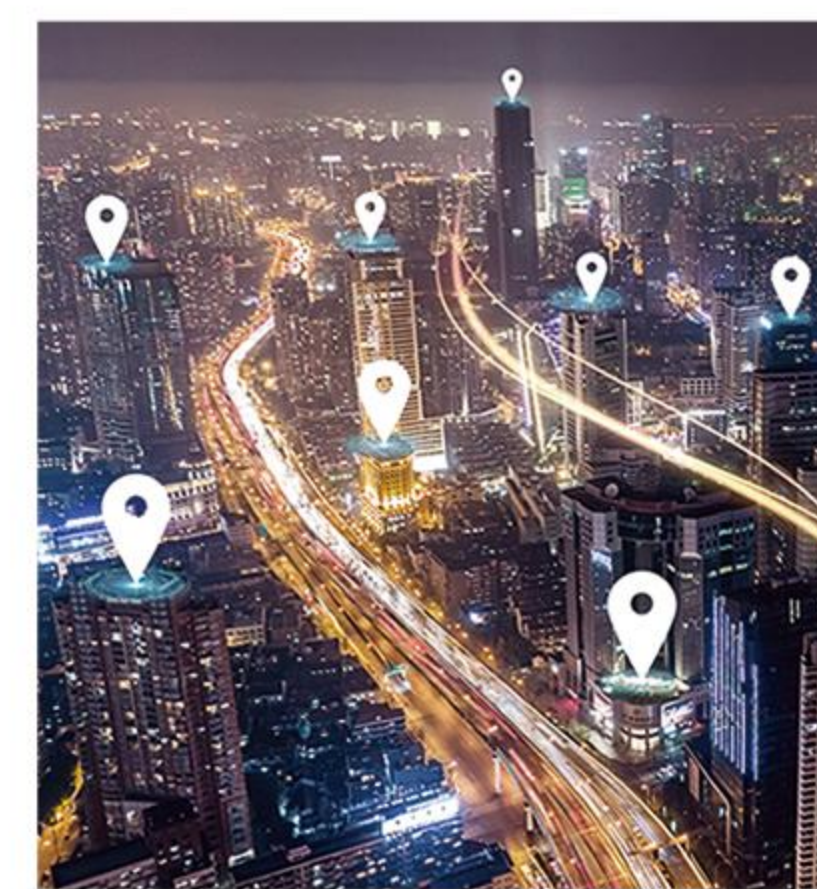
数字环卫
Digital Sanitation



智慧物流
Intelligent Logistics



数字环保
Digital Environmental Protection



城市安防
City Security



人员管理
Personnel Management



自动驾驶
Autopilot



资产管理
Asset Management



一带一路
One Belt One Road

科技风控智能终端

TECHNOLOGICAL RISK CONTROL GPS



光感防拆北斗智能终端
Light Sensor Alarm GPS



无线可充电智能终端
Wireless Rechargeable GPS



有线断油电北斗智能终端
Wired Cut-off Oil/Electricity GPS



车载智能信息采集终端
Vehicle Diagnostic GPS

北斗多模定位
GPS/BDS Positioning

盲区补传
Blind Zone Retransmission

多重报警
Multiple Alarms

超长待机
Long Standby Time

远程断油电
Remotely Cut-off Oil/Electricity

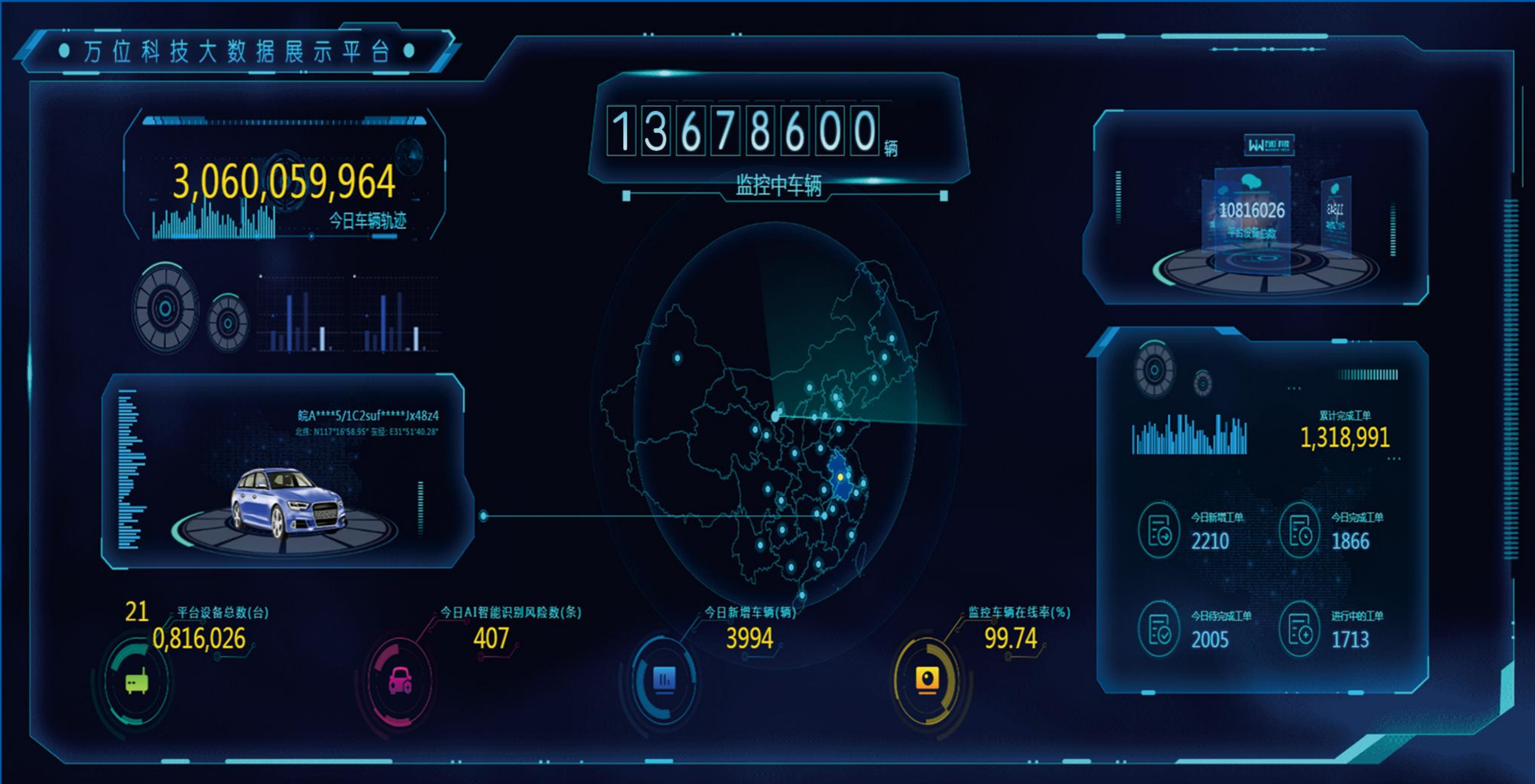
光感报警
Light Sensor Alarm

易于隐藏
Easy to Hide

强磁吸附
Strong Magnetic

科技风控大数据平台

TECHNOLOGY RISK CONTROL BIG DATA PLATFORM



电动车智能中控终端

ELECTRIC VEHICLE GPS



- 中控控制管理
Central Control Management
- 精准定位
Accurate Positioning
- 多重报警
Multiple Alarms
- 电子围栏
Geo-fence
- 无钥匙启动
Keyless Start
- 蓝牙功能
Bluetooth
- NFC 功能
NFC
- 远程控制
Remote Control

电动车智能中控平台

ELECTRIC VEHICLE INTELLIGENT CENTRAL CONTROL PLATFORM

- 远程启动
Remote Start
- 车辆设防
Vehicle Defense
- 健康监测
Health Monitoring



- 全车信息
Full Vehicle Information
- 寻车模式
Find Car Mode
- 丢车模式
Lost Car Mode

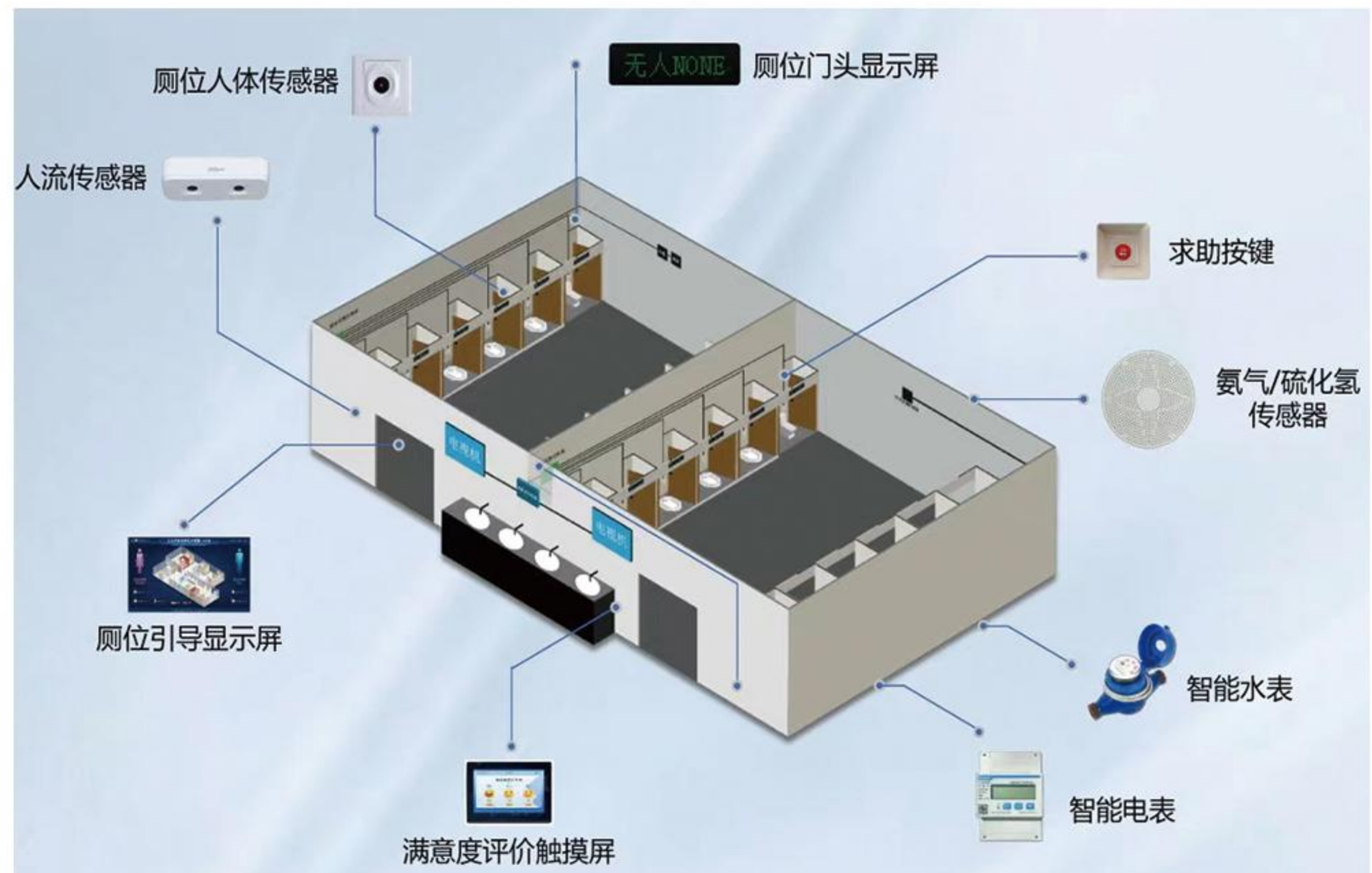
数字环卫智能终端

DIGITAL SANITATION DEVICE



- 无人驾驶
Unmanned Driving
- 自动清扫
Automatic Cleaning
- 自主避障
Autonomous
Obstacle Avoidance
- 远程调度
Remote Dispatching
- 实时监控
Real-time Monitoring
- 多机协作
Multi-machine Cooperation

无人驾驶清扫车
Unmanned Sweeping Vehicle



智慧公厕智能终端
Smart Public Toilet Device



垃圾收运智慧终端
Trash Collection Device

数字环卫大数据平台

DIGITAL SANITATION BIG DATA PLATFORM



数字化固废终端

DIGITAL SOLID WASTE DEVICE

源头产生端的问题

Source Problem

“线上下单与接单”的问题

Online Ordering Problem

其他挑战

Other Challenges

装修垃圾打单与结算问题

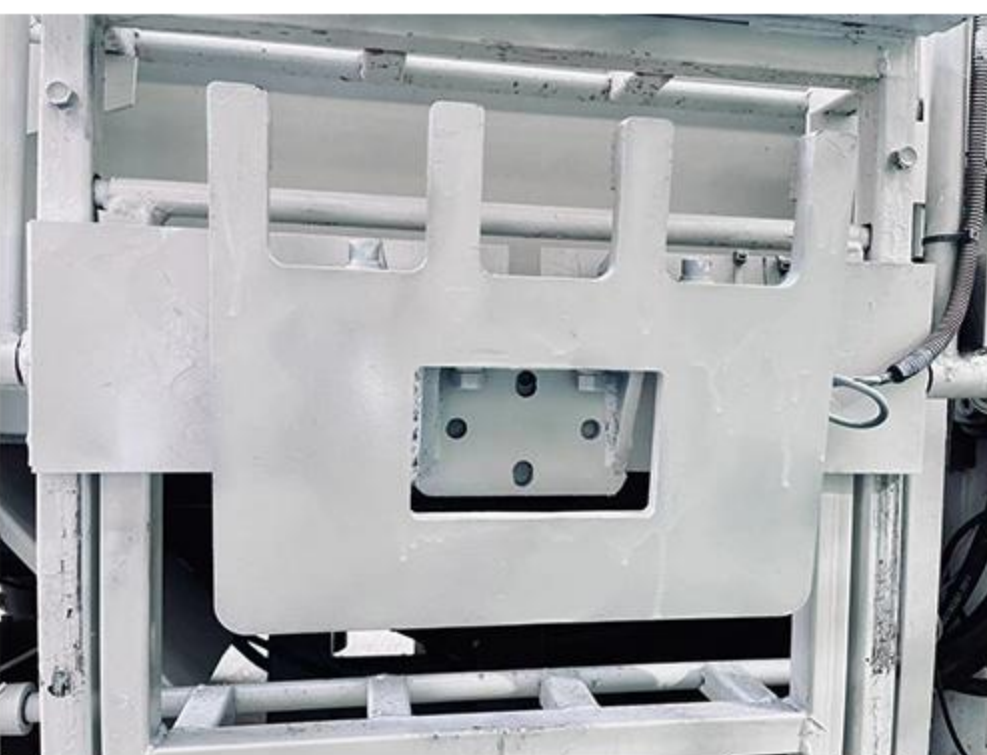
Billing and Settlement Problem

智能硬件接入的挑战

Device Access Challenge

垃圾流向管控问题

Waste Flow Control Problem



挂桶式称重系统

Hanging Bucket Weighing System



整车称重系统

Whole Vehicle Weighing System

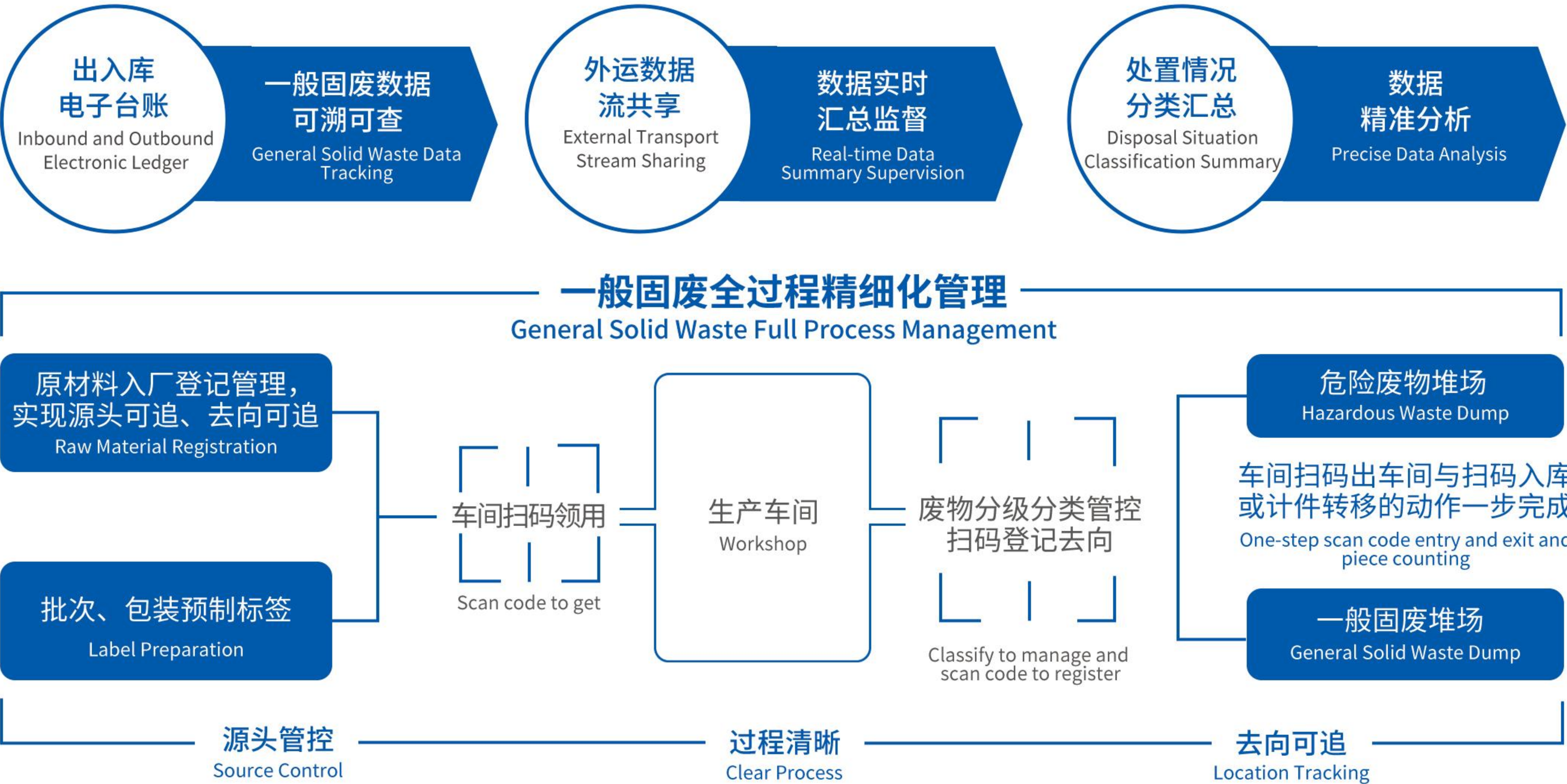


车载视频监控终端

Vehicle Video Monitoring Terminal

数字化固废平台

DIGITAL SOLID WASTE PLATFORM

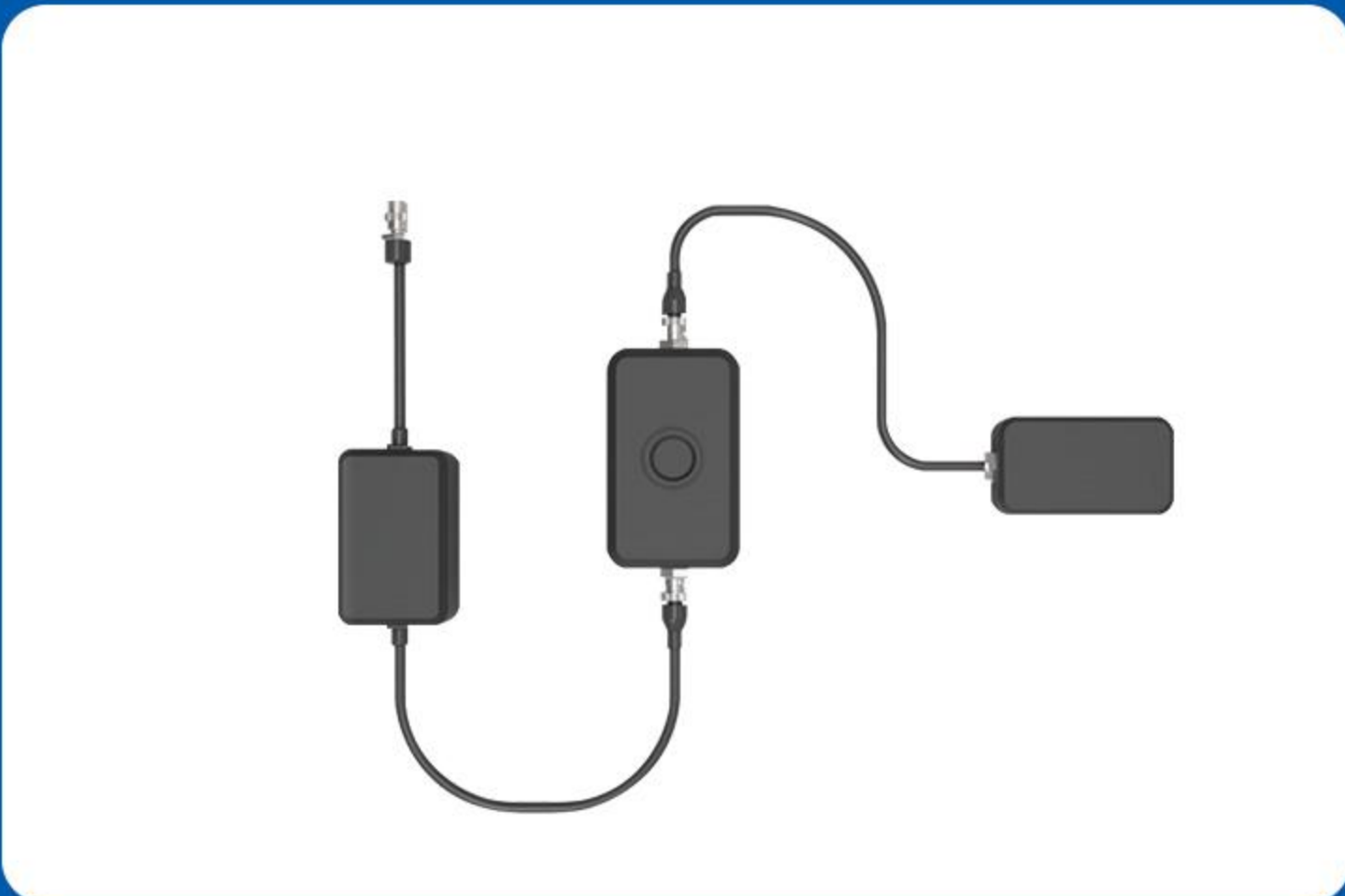


商用车数字化智能终端

COMMERCIAL VEHICLE DIGITAL DEVICE



主动安全部标视频一体终端
Active Safety Video Terminal



智能载重终端
Intelligent Load Terminal



超声波外贴式液位传感终端
Ultrasonic External Liquid Level Sensing Terminal



4G Cat.1有线定位终端
4G Cat1 Wired GPS Tracker

商用车数字化大数据平台

COMMERCIAL VEHICLE DIGITAL BIG DATA PLATFORM



商用车数字化大数据平台是万位数字以数字化手段，结合主动安全系统，完善商用车安全运行、监测预警、数据分析的联动机制，保障大宗物流、客运班线、旅游包车、危货运输等商用车动态安全的 AI 平台。

WanWay commercial vehicle digital big data platform is a AI platform that uses digital methods combined with active safety systems to improve the linkage mechanism for the safe operation, monitoring and early warning, and data analysis of commercial vehicles. It guarantees the dynamic safety of bulk logistics, passenger transport lines, tourist charter buses, and hazardous cargo transportation.

- 7*24 小时监控 (7*24H Monitoring)
- 报警统计 (Alarm Statistics)
- 大数据分析 (Big Data)
- 安全预警 (Early Warning)
- 科学管理 (Scientific Management)

海外市场

OVERSEAS MARKETS



UBI全球定位系统跟踪器
UBI GPS Tracker



资产GPS跟踪器
Asset GPS Tracker



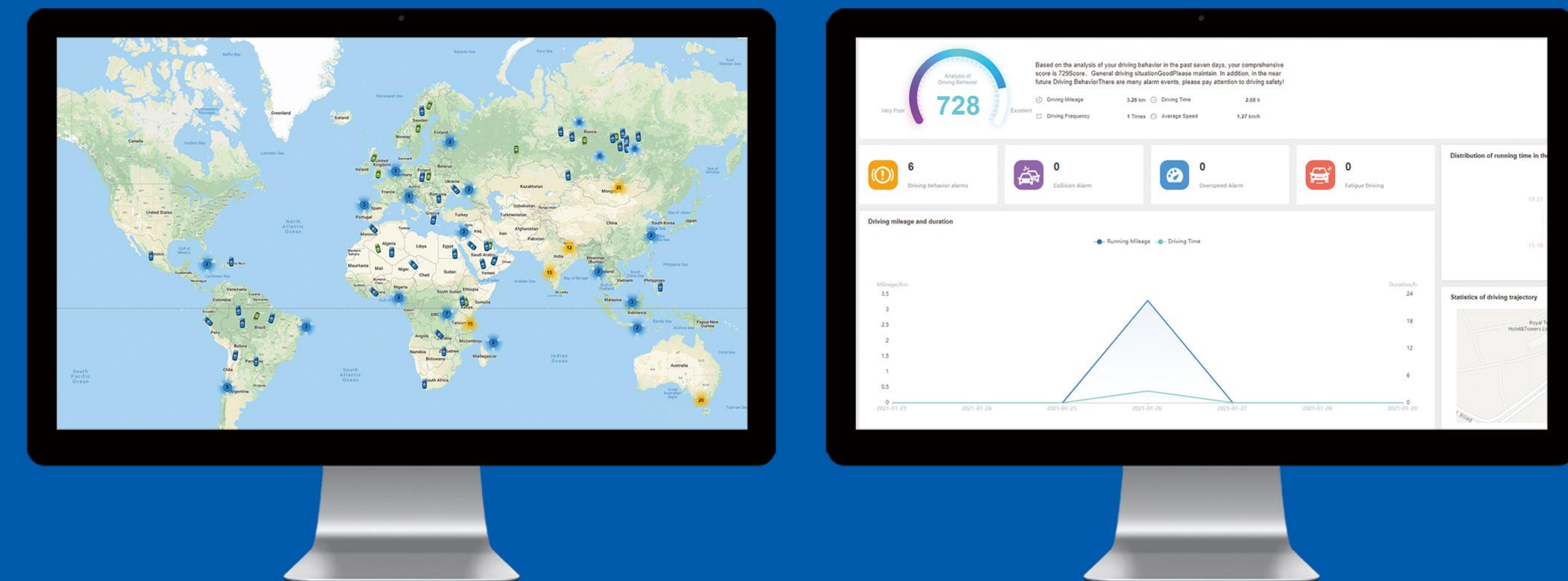
有线实时定位智能终端
Wired Real-time GPS



OBD智能终端
OBD GPS



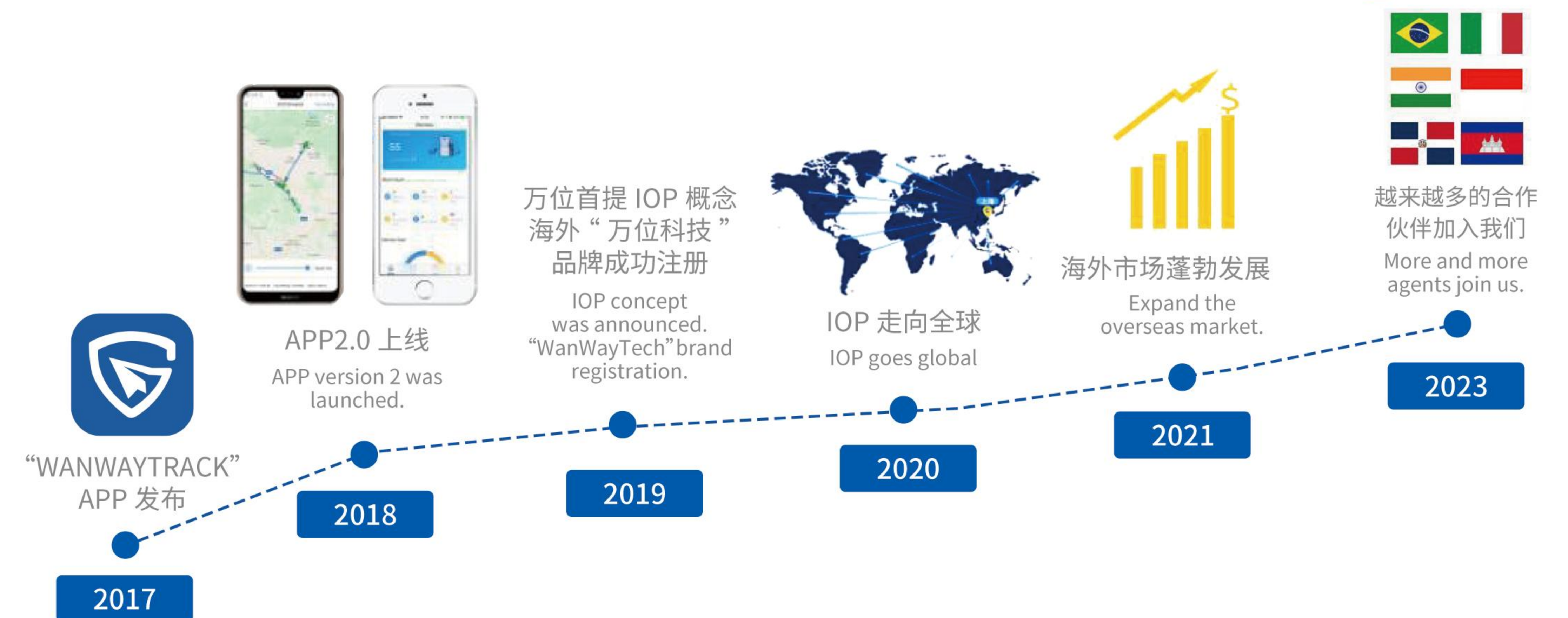
4G全网通车载定位终端
4G Full Netcome GPS Tracker



海外全球智能定位管理平台

GLOBAL GPS TRACKING SYSTEM

产品覆盖全球



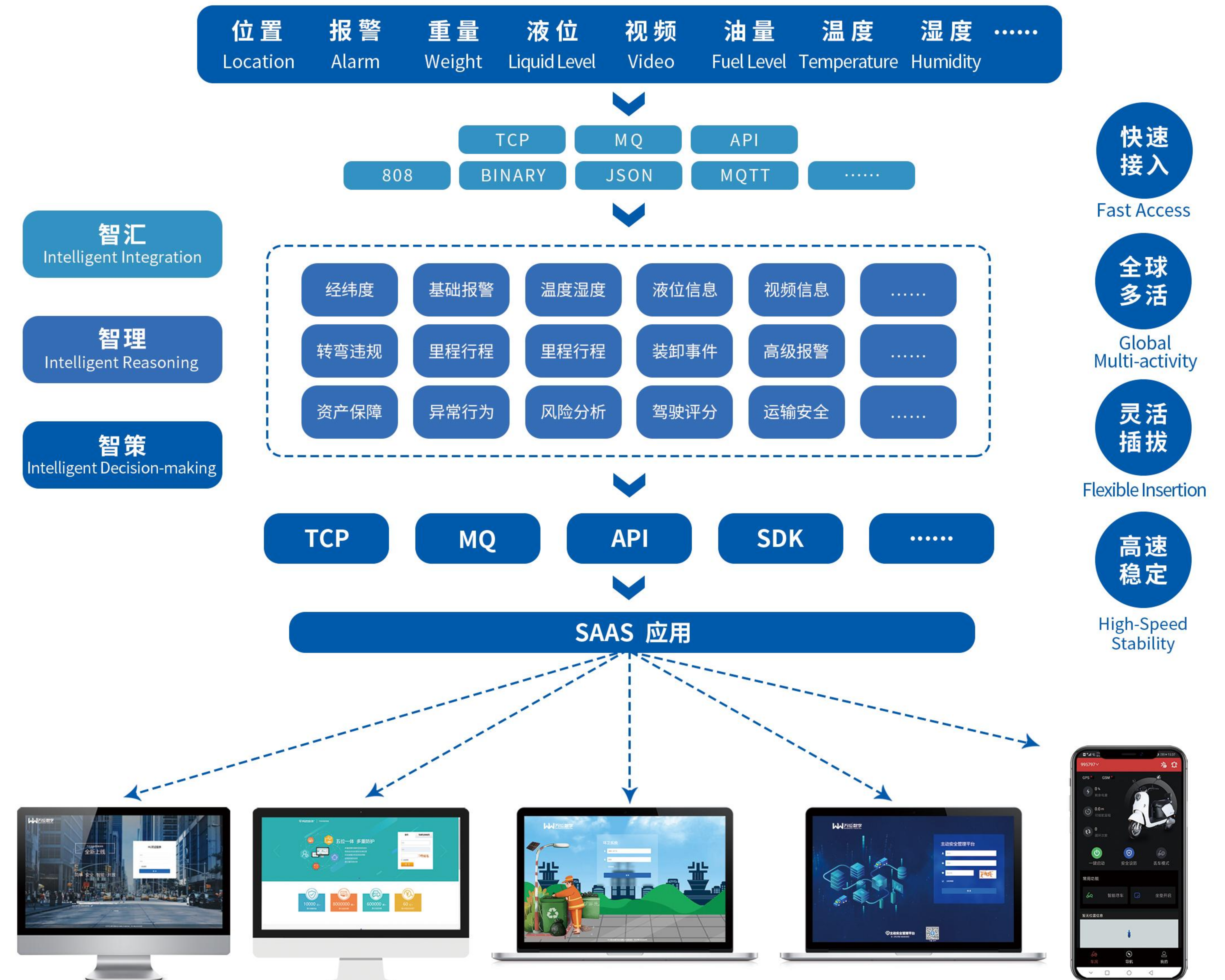
智能传感器

SMART SENSORS



万位智云

WANWAY SMART PLATFORM



快速接入
Fast Access

全球多活
Global Multi-activity

灵活插拔
Flexible Insertion

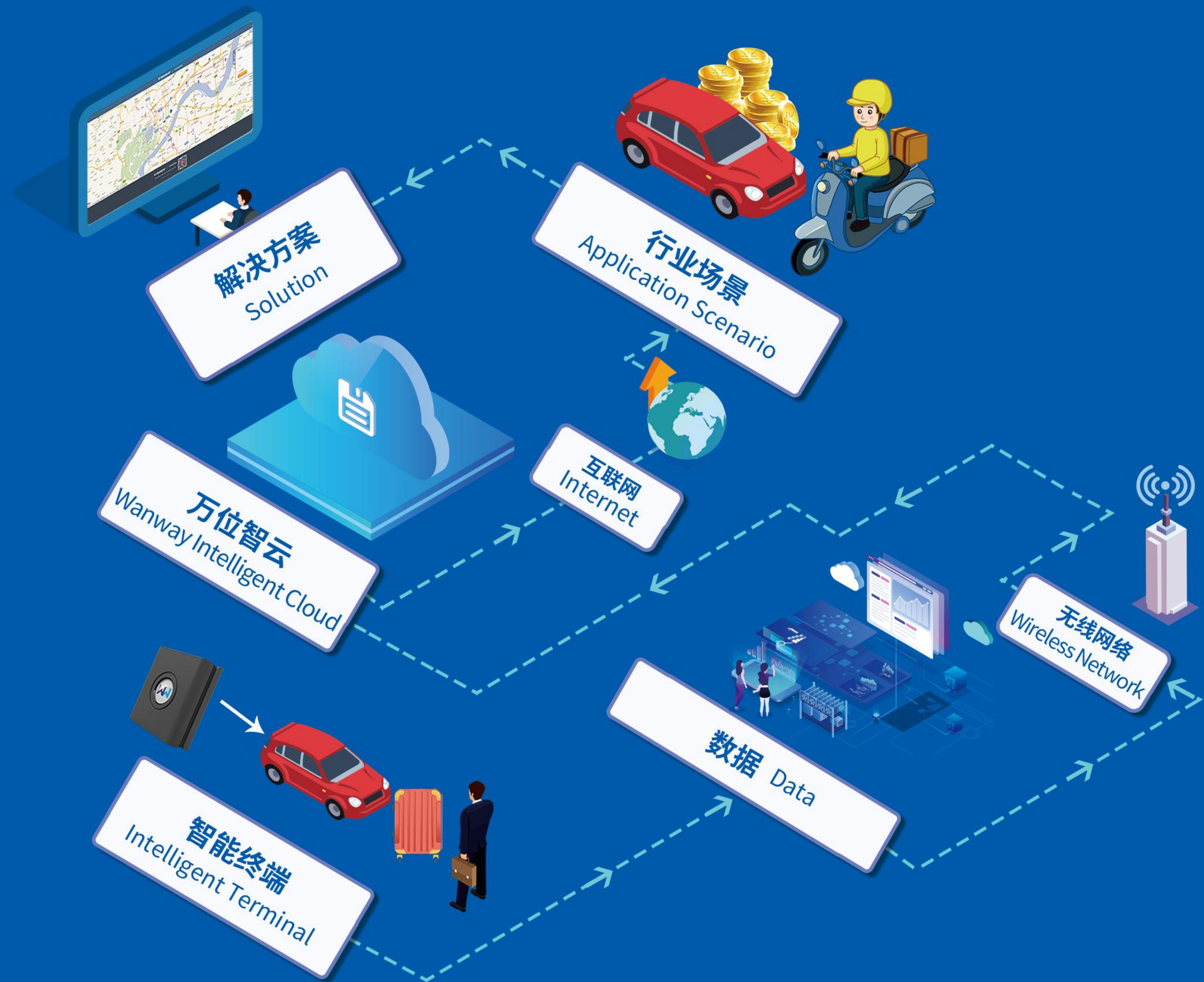
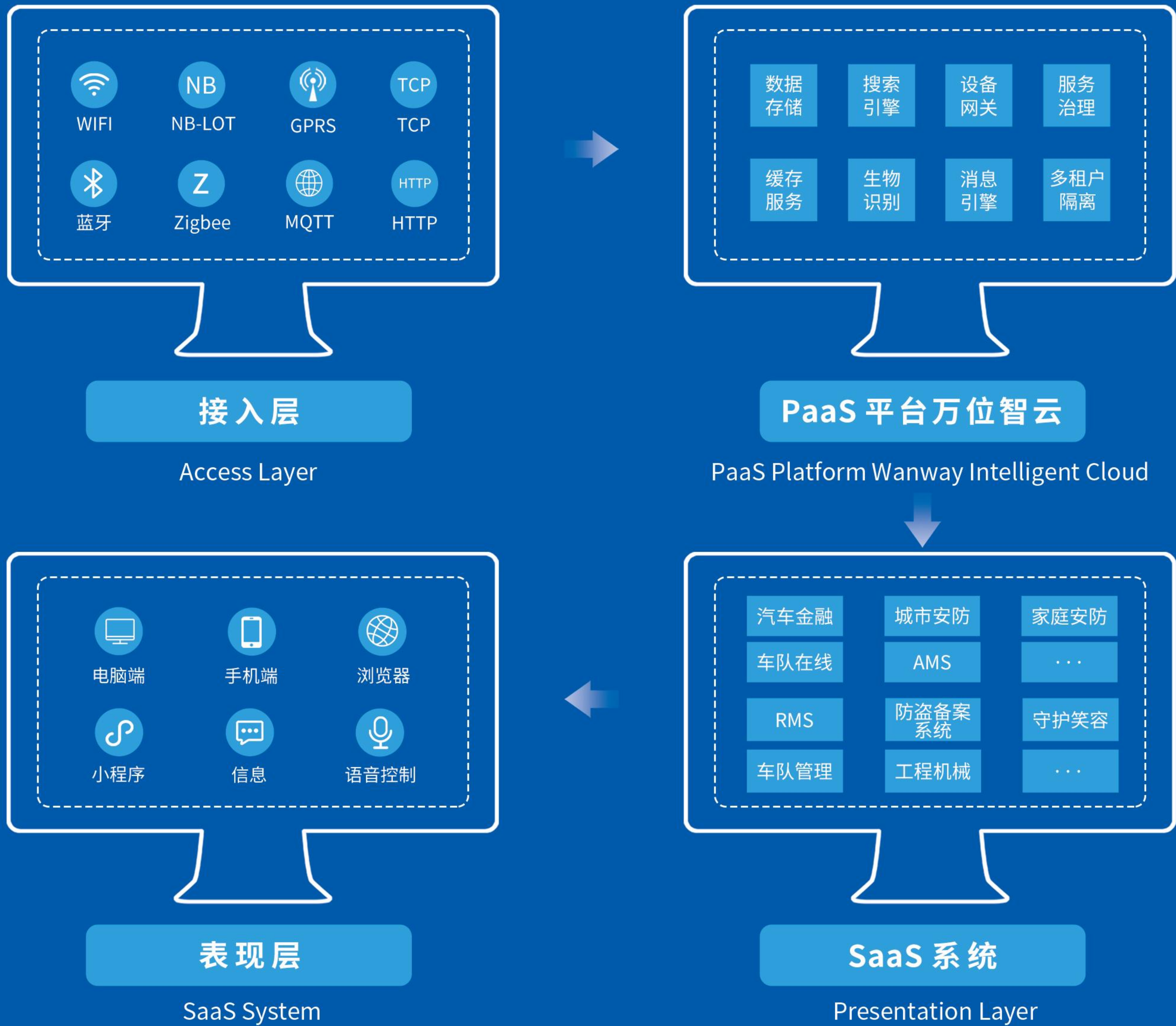
高速稳定
High-Speed Stability

云平台架构

CLOUD PLATFORM ARCHITECTURE

Paas 平台

PLATFORM



SaaS 平台

SAAS PLATFORM

集成化
Integration

场景化
Scenario

可视化
Visualization

智能化
Intelligence

汽车金融 -RMS
Auto Finance - RMS

车队管理 - 车队在线
Fleet Management - Fleet Online

家庭安防 - 守护微笑
Home Security - Smile Guardian

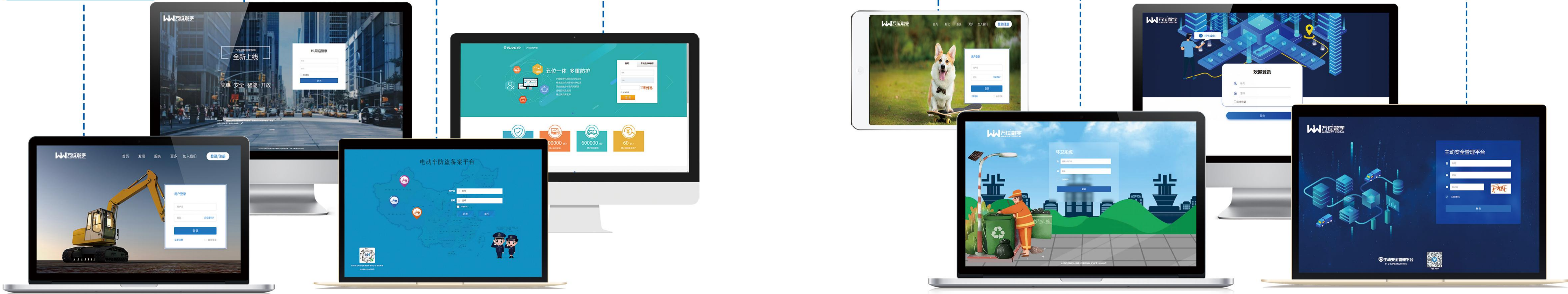
人员服务平台
Personnel Service Platform

工程机械 -AMS
Construction Machinery - RMS

城市安防 - 防盗备案系统
Urban Security - Anti-theft Registration System

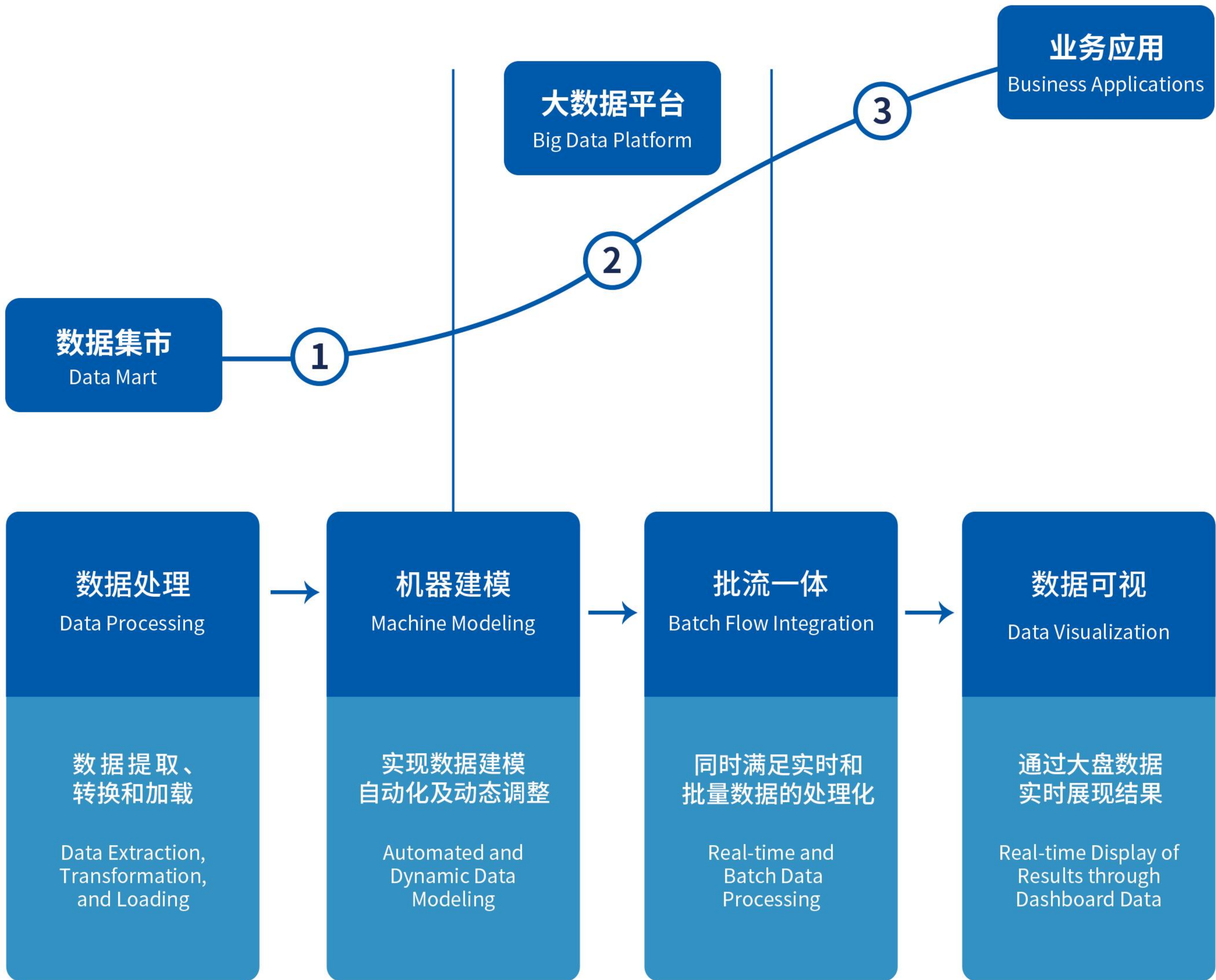
环卫系统
Sanitation System

主动安全管理平台
Proactive Safety Management Platform



智能大数据解决方案

INTELLIGENT BIG DATA SOLUTION



AI 算法与深度学习

AI ALGORITHMS AND DEEP LEARNING

数据赋能
Data Empowerment

解决方案
Solution

数据技术
Data Technology

基础平台
Basic Platform



科技风控解决方案

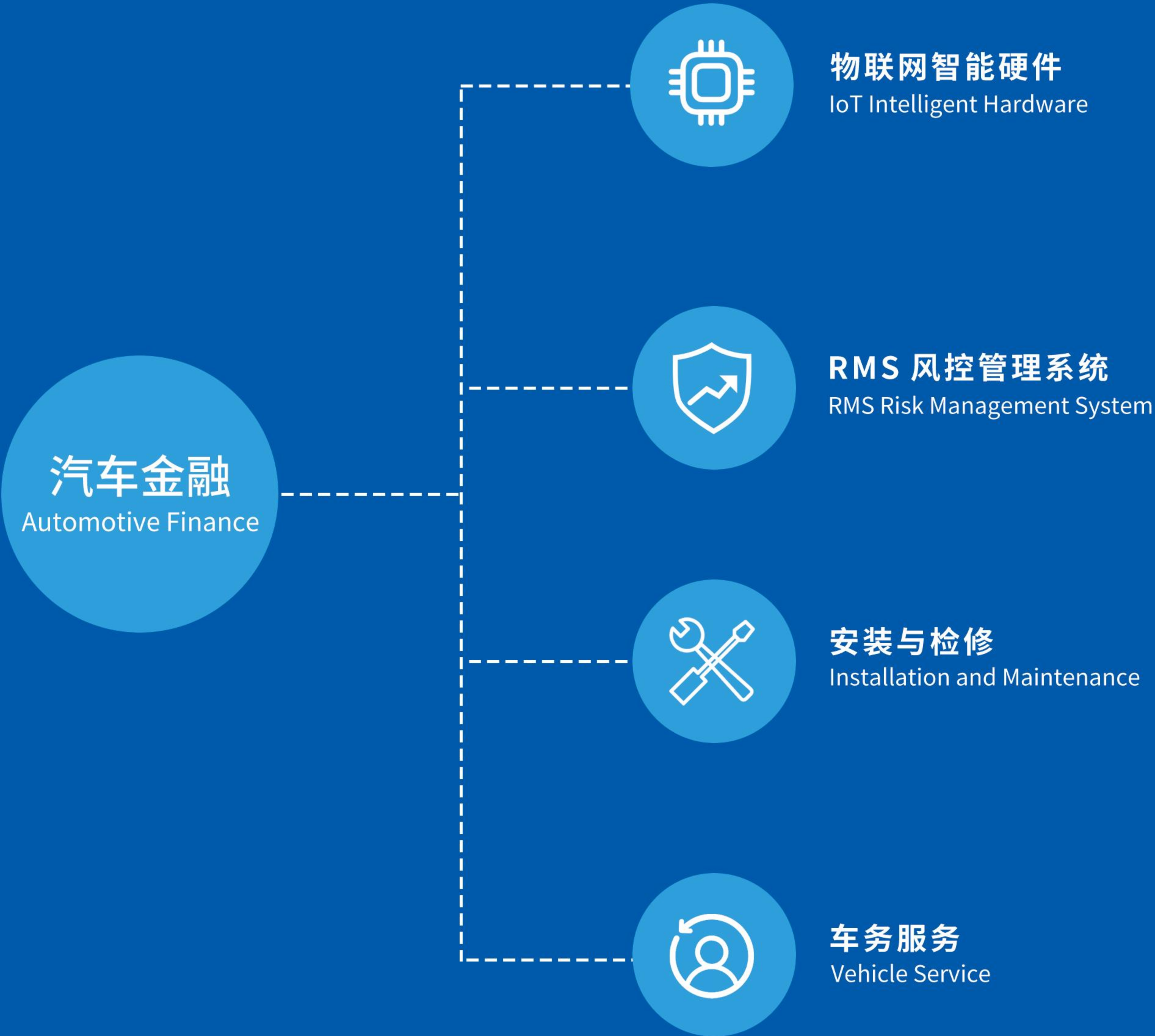
TECHNOLOGY RISK CONTROL SOLUTIONS

专注于为汽车金融行业提供全流程风控决策、大数据分析，构建车辆风控全场景服务；支持多种垂直行业应用快速集成，提供多种 API，满足多样化设备接入，为运营商、企业和行业构建物联网端到端一体化解决方案。

Focused on providing risk control decisions and big data analysis for the auto finance industry, building vehicle risk control full-scenario services; supporting rapid integration of various vertical industry applications, providing various APIs, meeting diversified device access, and building end-to-end IoT solutions for operators, enterprises, and industries.



- 定位精准性**
Accurate Tracking
- 数据分散**
Data Dispersion
- 数据合规**
Data Compliance
- 时效性**
Timeliness
- 风险前置化**
Risk Pre-control



智慧环卫解决方案

SMART SANITATION SOLUTIONS

通过智慧环卫数字化管理平台能详细记录垃圾清运车辆的行车轨迹、出车时间、作业次数、作业里程、作业油耗等指标情况，对不按规定路线作业或超出规定作业区域的违规车辆及出车不出力实现预警监控，对作业全过程进行规范化、精细化和信息化管理，提高了作业水平。通过智慧环卫系统对环卫管理所涉及的人、车、物、事进行全过程实时管理，合理设计规划环卫管理模式，提升环卫作业质量。

The intelligent sanitation digital management platform can record the driving trajectory, departure time, number of operations, mileage, and fuel consumption of garbage trucks in detail, and realize warning monitoring for vehicles that violate regulations or exceed the designated operation area. It standardizes, refines, and informationizes the entire process of operations, and improves the level of operations. Through the intelligent sanitation system, the people, vehicles, objects, and events involved in sanitation management are managed in real time throughout the process, and a reasonable sanitation management model is designed and planned to improve the quality of sanitation operations.



货物流向可视化解决方案

VISUALIZATION SOLUTION FOR FREIGHT FLOW

通过“BDS+ 视频 + 载重”等智能设备对货运车辆位置、载重等数据进行采集上传，并经过中控单元分析处理，最终实时显示在监管平台及移动 APP 端，其动态检测精度最高可达 3% 以内。真正实现了货物流向监管的可视化、透明化和动态化。

By using intelligent devices such as 'BDS+ video+ load' to collect and upload data on the location and load of freight vehicles, and through analysis and processing by the central control unit, the data is displayed in real-time on the monitoring platform and mobile app. The dynamic detection accuracy can reach up to within 3%.

This truly achieves the visualization, transparency, and dynamism of cargo flow supervision.



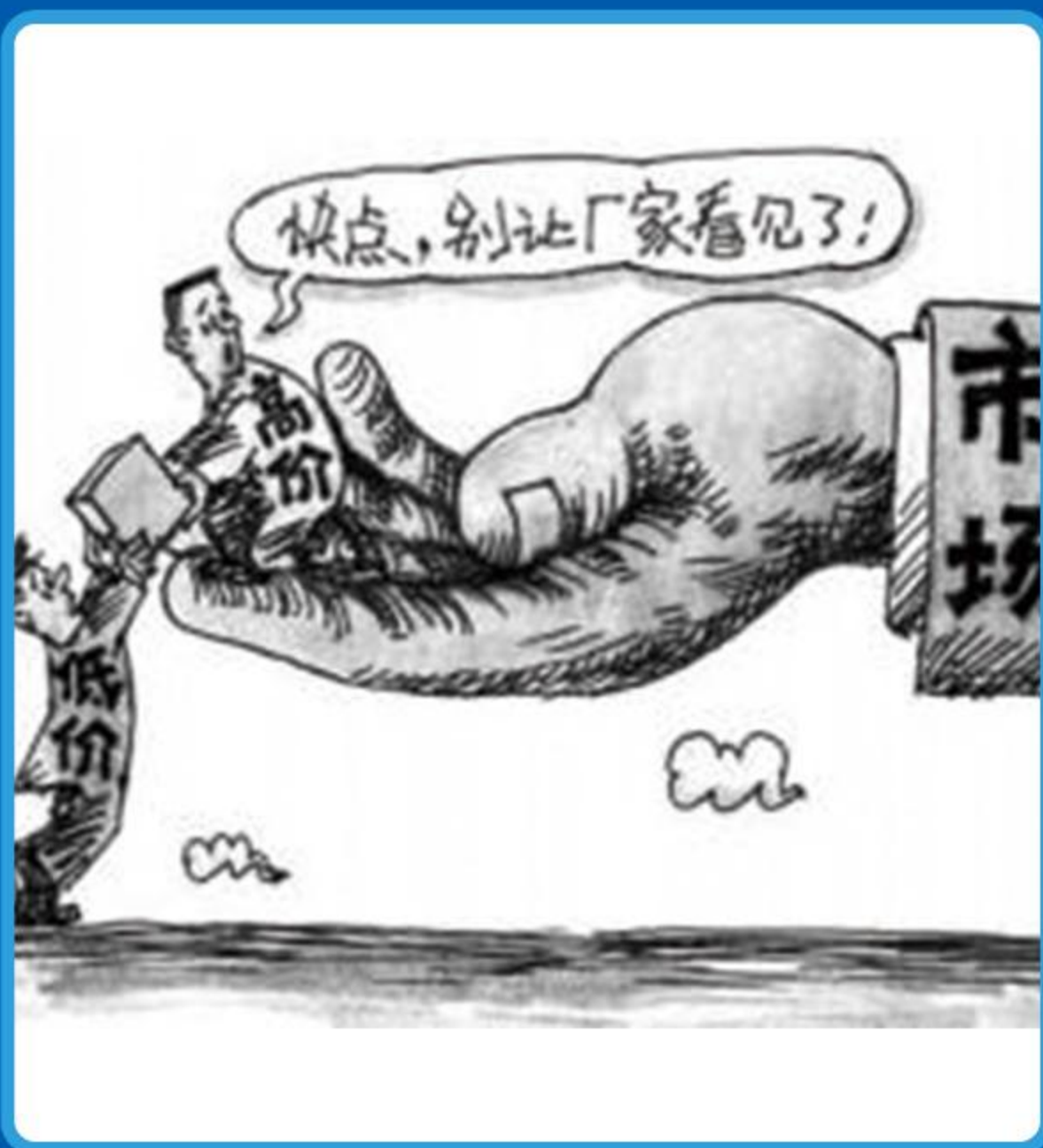
偷货—猖狂可恨

Theft



换货—以次充好

Substitution



窜货—差价牟利

Diversion



全程位置可视化
Full-process Location Visualization



全程任务可视化
Task Visualization



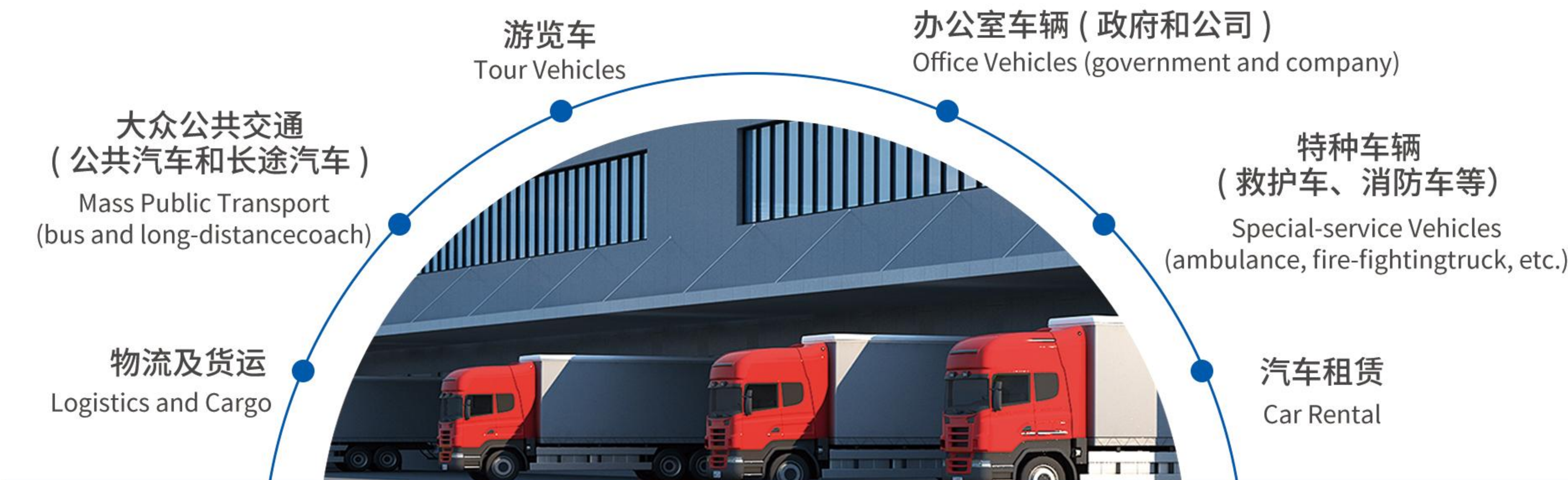
全程载重可视化
Load Visualization



全程状态可视化
Status Visualization

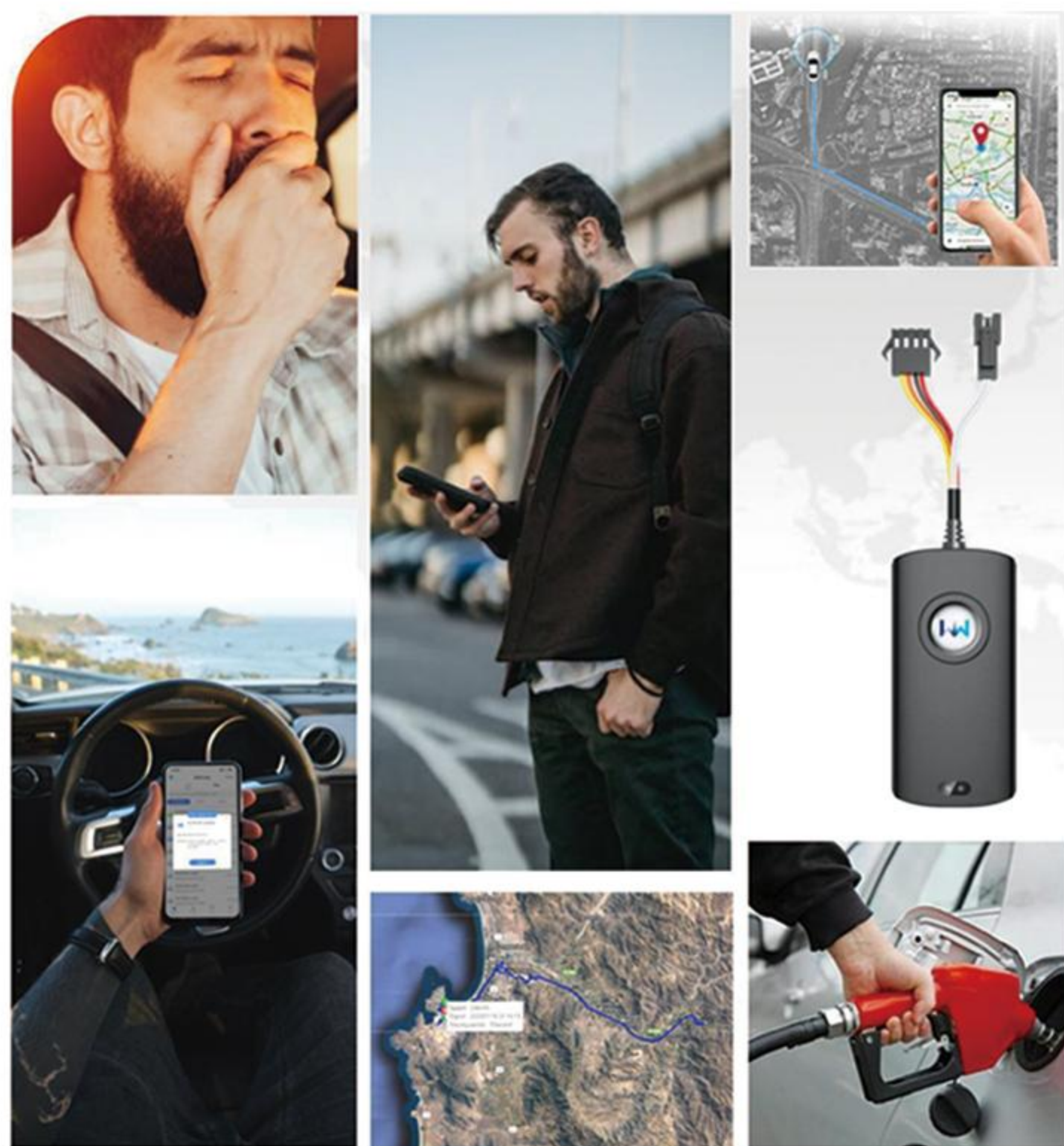
海外车队管理解决方案

OVERSEAS FLEET MANAGEMENT SOLUTIONS



结合万位的车队管理平台和 GPS 产品，车队管理人员足不出户就可以在全球范围内跟踪管理车队车辆信息。

Combining WanWay's fleet management platform and GPS products, fleet managers can track and manage fleet vehicle information around the world without leaving home. Logistics and Car go Car Rental.



- 实时定位** Real-time Tracking
- 轨迹回放** Trace Playback
- 油量检测** Fuel Detection
- 行为分析** Behavior Analysis
- SOS 一键求救** SOS Emergency

海外 UBI 保险解决方案

OVERSEAS UBI INSURANCE SOLUTIONS



驾驶洞察
Driving Insight

碰撞检测
Collision Detection

移动性洞察
Mobility Insight

生活方式洞察
Lifestyle Insight

WanWay 平台将车辆数据转化为关于用户行为和生活方式的可操作见解，帮助企业个性化和与用户互动，以及积极改变行为。

WanWayTrack platform turns vehicle data into actionable insights about the users behavior and lifestyle, help companies personalize and engage with their users as well as positively change behavior.

客户价值

VALUE OF CUSTOMER

01 数字化 Digitization

数字化车辆或物品位置
数字化驾驶行为与运营过程
Digitized vehicle or object location
Digitized driving behavior and operational processes



提高运营效率
Improve Operational Efficiency



我们提供 **100+ 数字解决方案** 帮助企业以较低成本实现数字化转型。

We provide **100+ digital solutions** to help companies achieve digital transformation at a lower cost.

02 在线化 Online

网络化云化
实时收集实时提取
Networked cloud
Real-time collection and real-time extraction



降低运营成本
Reduce Operational Costs



我们为 **2 万 + 客户的 2000 万辆**车提供保障服务，保障资产超万亿元，已积累 PB 级数据。

We provide security services for **20 million** vehicles of more than **20,000** customers, guarantee assets of more than one trillion yuan, has accumulated PB level data.

03 智能化 Intelligentization

自动化预警
自动分析、预测与决策
Automatic warning,
automatic analysis, prediction and decision



提升客户体验
Enhance Customer Experience



我们为 **100+ 国家与地区** 提供物联网服务，为北斗应用落地贡献力量。

We provide Internet of Things services to **100+** countries and regions and contribute to the implementation of Beidou applications.



一切皆有位置
Nothing is Unfindable



一切皆有位置
Nothing is Unfindable

落地服务

INSTALLATION SERVICE



安装覆盖范围：
全国（港澳台除外）

Installation coverage: nationwide (excluding Hong Kong, Macao, and Taiwan)



安装时效：
县级以上城市 2-4 小时，可提供驻点服务

Installation time: **2-4 hours** in cities at or above the county level, with on-site services available



现有安装合作商：
2000 家

Current installation partners: **2,000**



团队安装覆盖全国（港澳台除外）：
安装量占比 >70%

Team installation coverage nationwide (excluding Hong Kong, Macao, and Taiwan):
installation volume accounts for over **70%**



自研工单系统：
可视化管理，极致响应速度

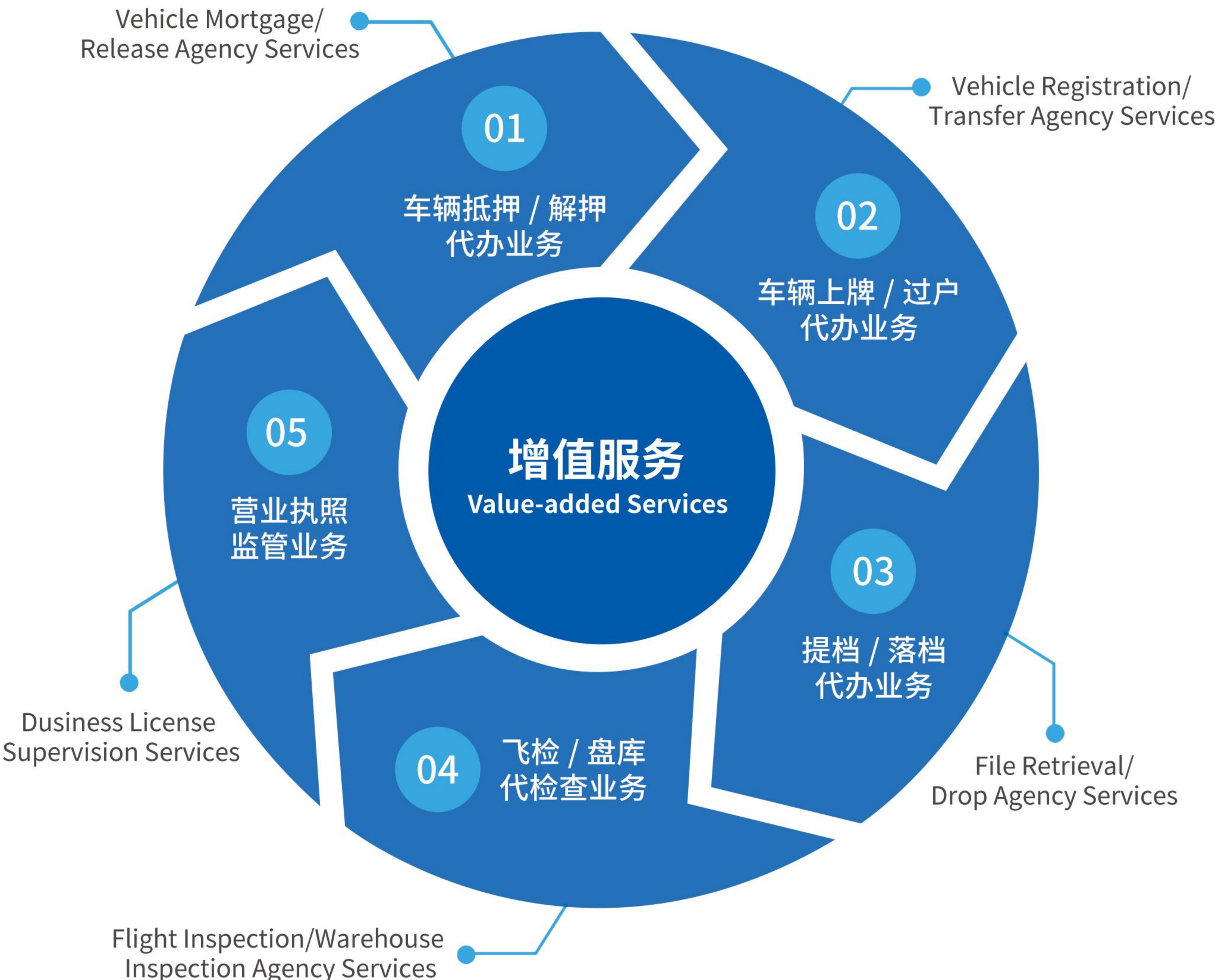
Self-developed work order system: visual management, extreme response speed



一切皆有位置
Nothing is Unfindable

增值服务

VALUE ADDED SERVICES



一切皆有位置
Nothing is Unfindable

合作案例

COOPERATION CASE



项目名称：某某监管平台项目

解决方案：装修垃圾监管平台方案

项目成果：依托小程序，为全市市民提供装修垃圾清运线上预约服务；为上海市各级监管机构提供便捷工具，对装修垃圾全生命周期的各个业务场景进行有效监管；为了将市民服务和政府监管落到实地，各行业企业可以通过本系统响应市民、政府的各类要求，进行有效的反馈和处理。

Project Name: XX Supervision Platform Project

Solution: Decoration waste supervision platform solution

Project achievements: Relying on mini programs, providing online reservation services for decoration waste removal and transportation for citizens throughout the city; Provide convenient tools for regulatory agencies at all levels in Shanghai to effectively supervise various business scenarios throughout the entire lifecycle of decoration waste. In order to implement citizen services and government regulation on the ground, enterprises in various industries can respond to various requirements of citizens and the government through this system, and provide effective feedback and disposal.



一切皆有位置
Nothing is Unfindable

智慧环卫 3.0 助力中国数字城市建设

SMART SANITATION 3.0 HELPS CHINA'S DIGITAL CITY CONSTRUCTION



项目名称：某区环卫固废场景建设项目

解决方案：智慧环卫平台监管方案

项目成果：对某区内环卫车辆、环卫固废设施、垃圾分类、垃圾收运及处置运行等业务管理数据的实时感知、采集、上传、汇聚，及时掌握全域环卫固废业务运行情况，为区开展分析预警、指挥调度，为管理决策、部门监管提供数据支撑。

Project Name: Construction Project of Environmental Sanitation Solid Waste Scenarios in a Certain District

Solution: Supervision solution for smart sanitation platform

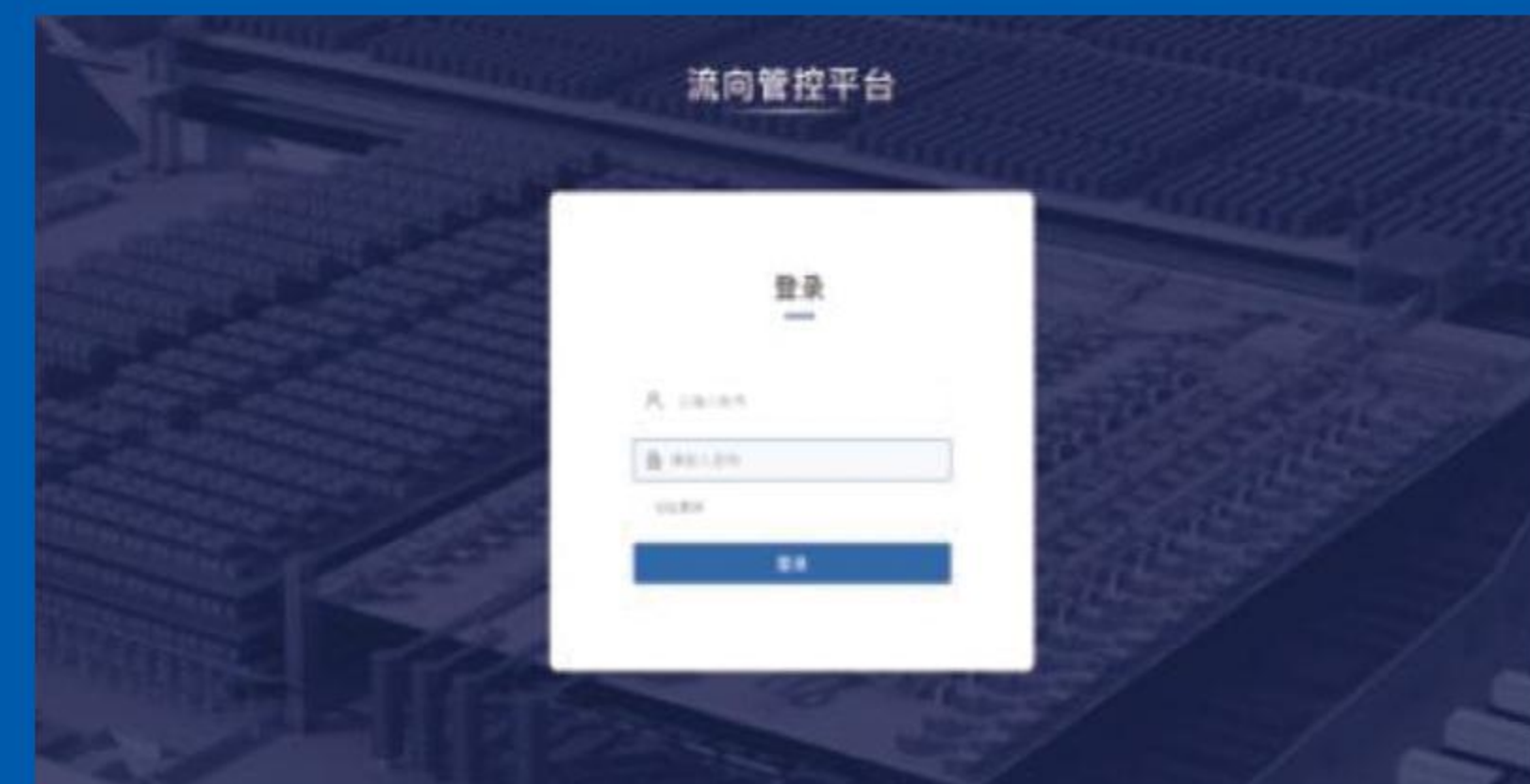
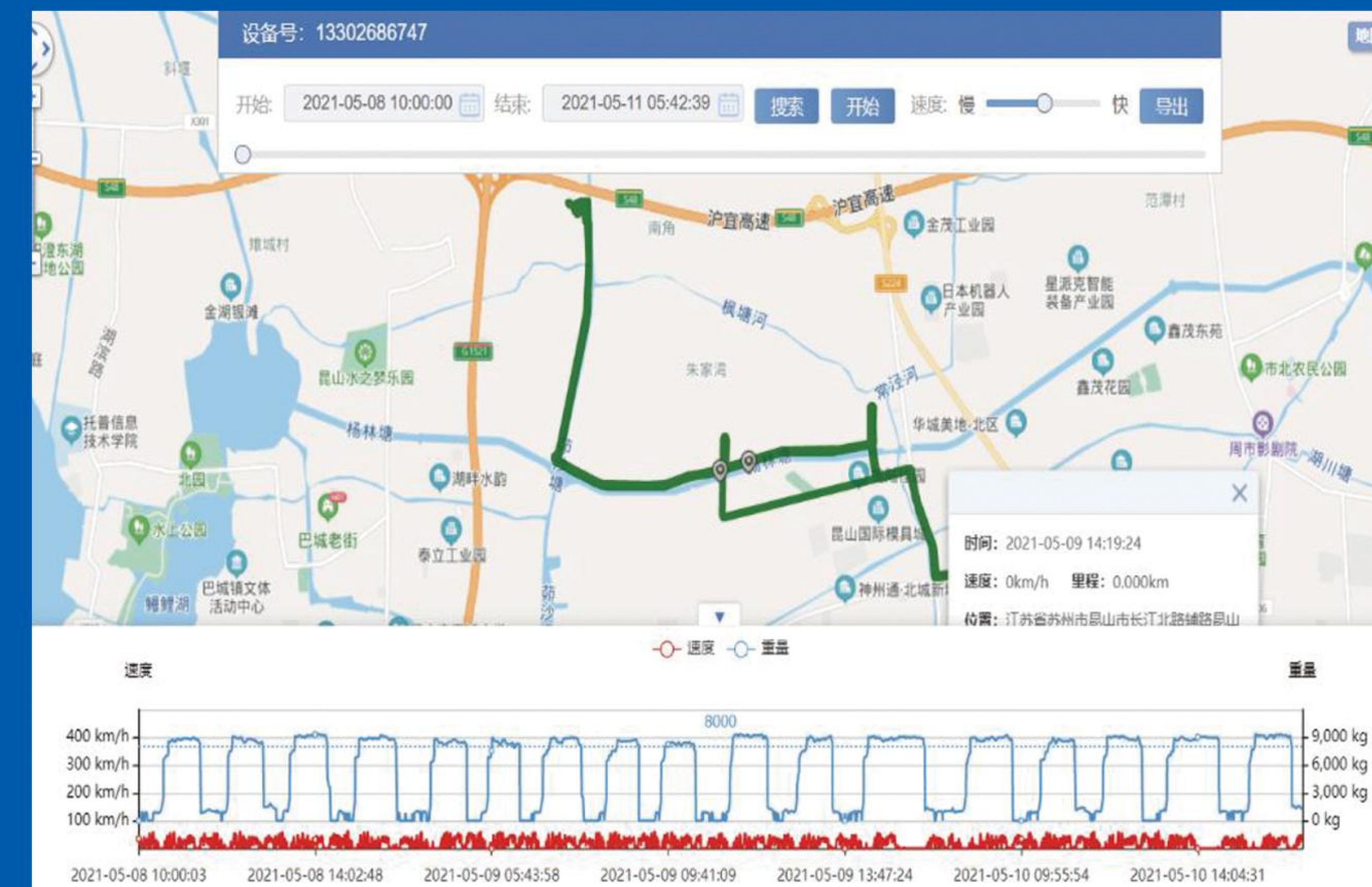
Project achievements: Real time perception, collection, uploading, and aggregation of business management data on sanitation vehicles, sanitation solid waste facilities, garbage classification, garbage collection and disposal operations in a certain area, timely grasp of the overall operation of sanitation solid waste business, provide data support for analysis, early warning, command and dispatch of the area, and management decision-making and departmental supervision.



一切皆有位置
Nothing is Unfindable

合作案例

COOPERATION CASE



项目名称: 某水泥项目 2019 年 - 至今

解决方案: 水泥运输流向管控

项目成果: 完全解决水泥流向不清楚问题；替代原有定点员检查（每条运输路线上固定设置检查点）；提高了运输效率近 30%；降低了人员成本和司机繁琐的拍照操作；每年为客户节约成本近千万元；已安装 1.5 万 + 台车辆。

Project Name: A Cement Project 2019 present

Solution: Control of Cement Transportation Flow

Project achievements: Replace the original fixed-point personnel inspection (fixed checkpoints set up on each transportation route); Improved transportation efficiency by nearly 30%; Reduced personnel costs and tedious photo-taking operations for drivers; Saved nearly ten million yuan in cost for customers every year. 15,000+ vehicles have been installed

开启大宗物流“一屏观天下”时代

Opening the Era of "One Screen View of the World" in Bulk Logistics



项目名称: 某某煤炭 2017 年 - 至今

解决方案: 煤炭运输流向管控

项目成果: 有效解决了煤炭运输中的偷换货问题；优化了收货方检测环节，提升卸货效率；上下游协同，减少等待检测结果的排队时间，提高车队效率；已安装 2500+ 台车辆。

Project Name: XXX Coal 2017 present

Solution: Coal Transportation Flow Control

Project achievements: Effectively solved the problem of cargo substitution in coal transportation; Optimized the inspection process for the receiving party, improving unloading efficiency; Collaboration between upstream and downstream reduced waiting time for inspection results and improved fleet efficiency; Over 2500 vehicles have been installed.

合作伙伴

PARTNERS

