

An aerial night view of a city, showing illuminated streets and buildings. A large red semi-transparent rectangle is overlaid on the left side of the image, containing the main text.

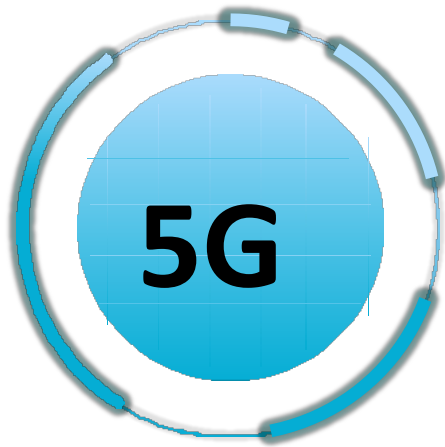
**Grasp the 5G era, develop AI pulse**

**SUNSEA AIOT**

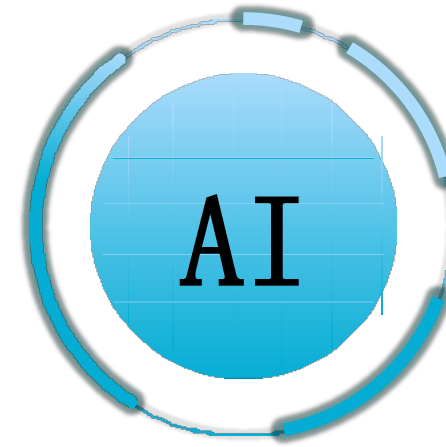
智慧连接万物

# 2019 We are witnessing a great change

Extremely fast network, lower access delay,  
massive device connectivity, technical drive and demand traction



Continuous breakthroughs in machine perception,  
cognition, big data processing, and motion control.





# Why is 5G so popular?



5G is a fundamental change in the basic logic of communication from voice to video, which has led to the rapid explosion of massive HD video content.

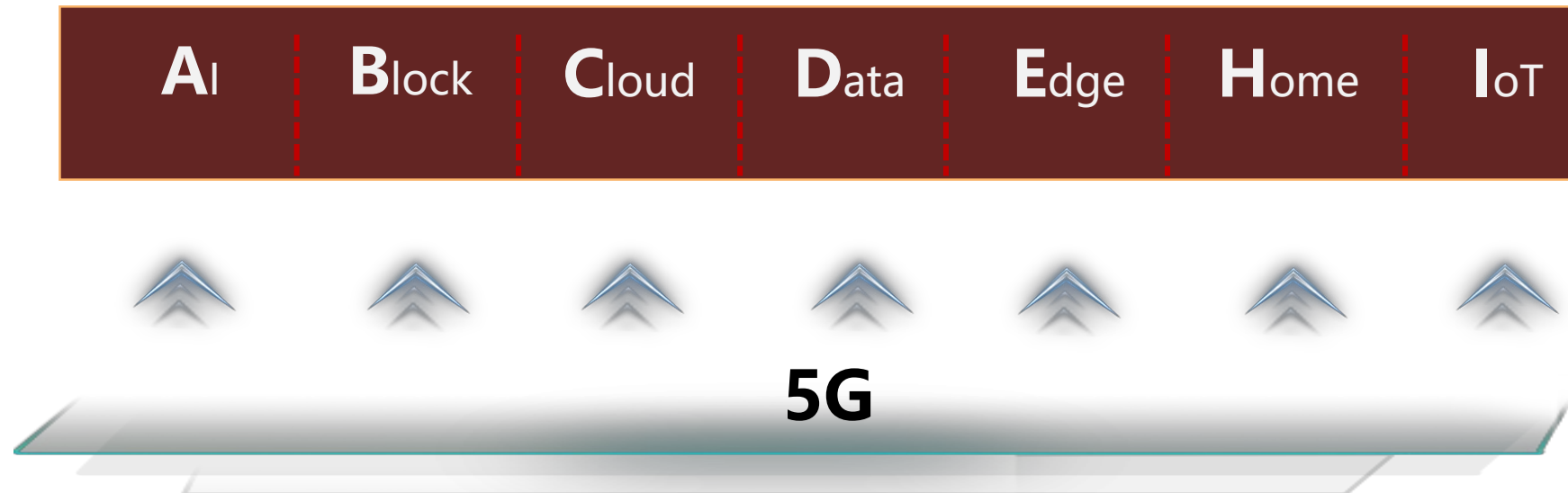
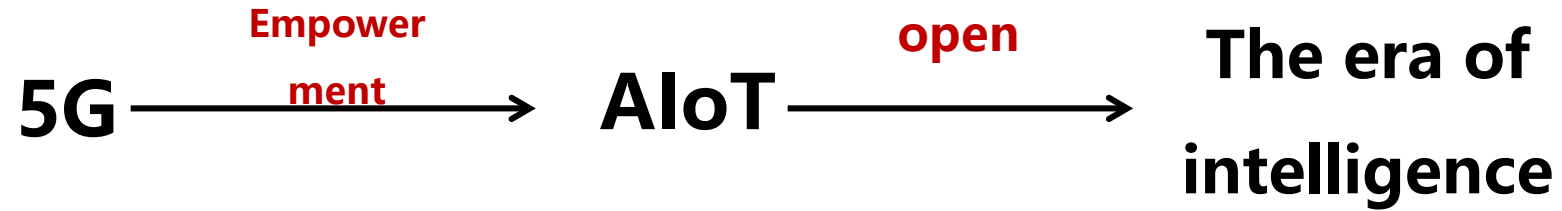


The market scale of mobile broadband surpasses fixed-line broadband for the first time under the blessing of 5G technology, and 5G technology is the basis for the outbreak of the Internet of Things.

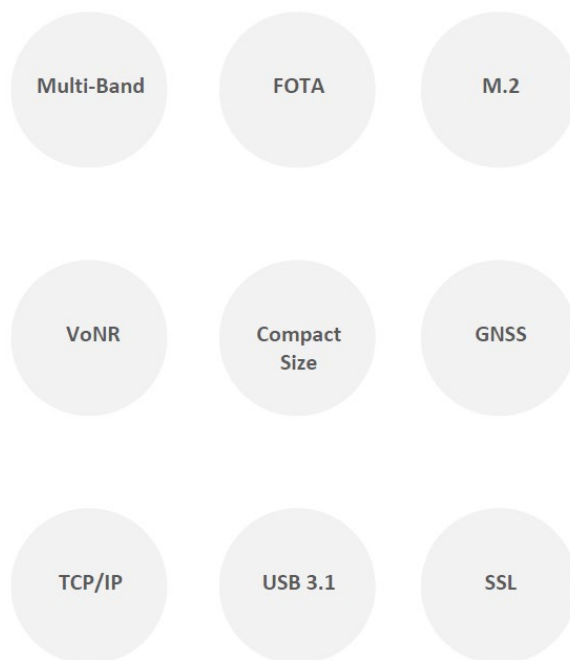


5G technology enables the use of edge computing AIOT to take the application stage behind the scenes. In the 5G era, there will be a lot of applications beyond our imagination.

# 5G is coming for AIoT



# SUNSEA AIOT-Definer of 5G modules



Standard M.2 interface

throughput data communication

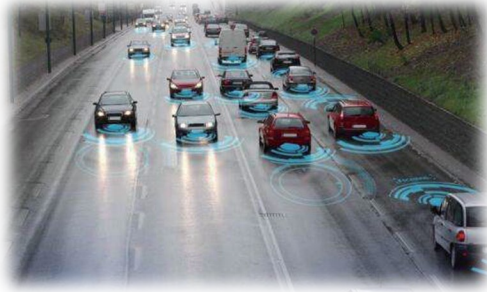
The AT commands of the SIM8200EA-M2 are mainly compatible with the SIM7912G / SIM7920G series modules.



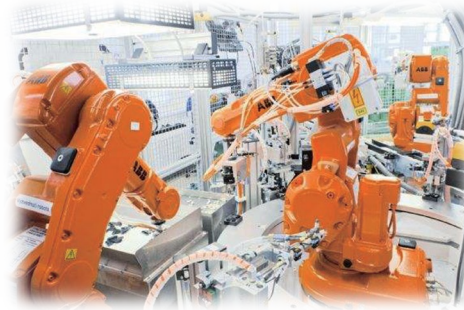
# SUNSEA AIOT--5G+Industry promoter



Smart city



Car networking



Smart manufacturing



VR/AR



Smart medical



Smart security



Drone



Ultra high definition video



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# AIoT-The general trend

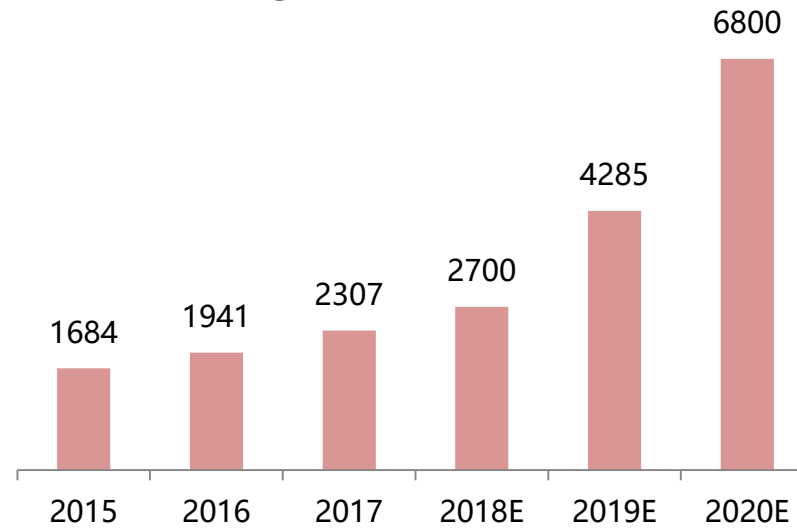
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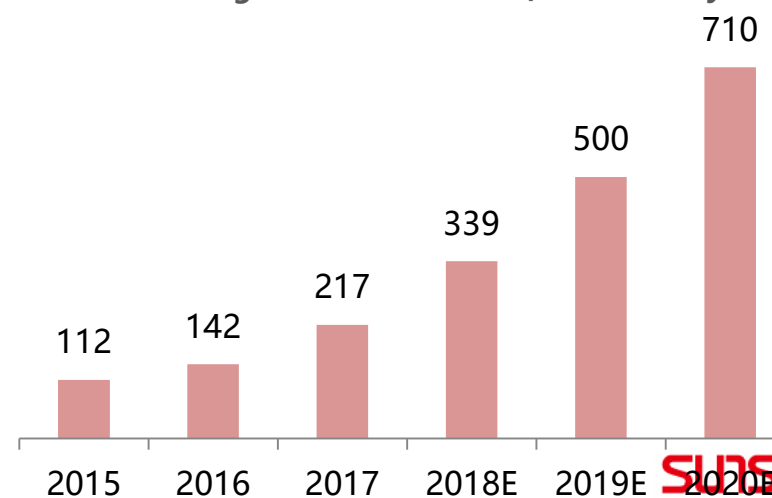
智慧连接万物

# The AI market is growing rapidly

Global artificial intelligence market size (100 million US dollars)

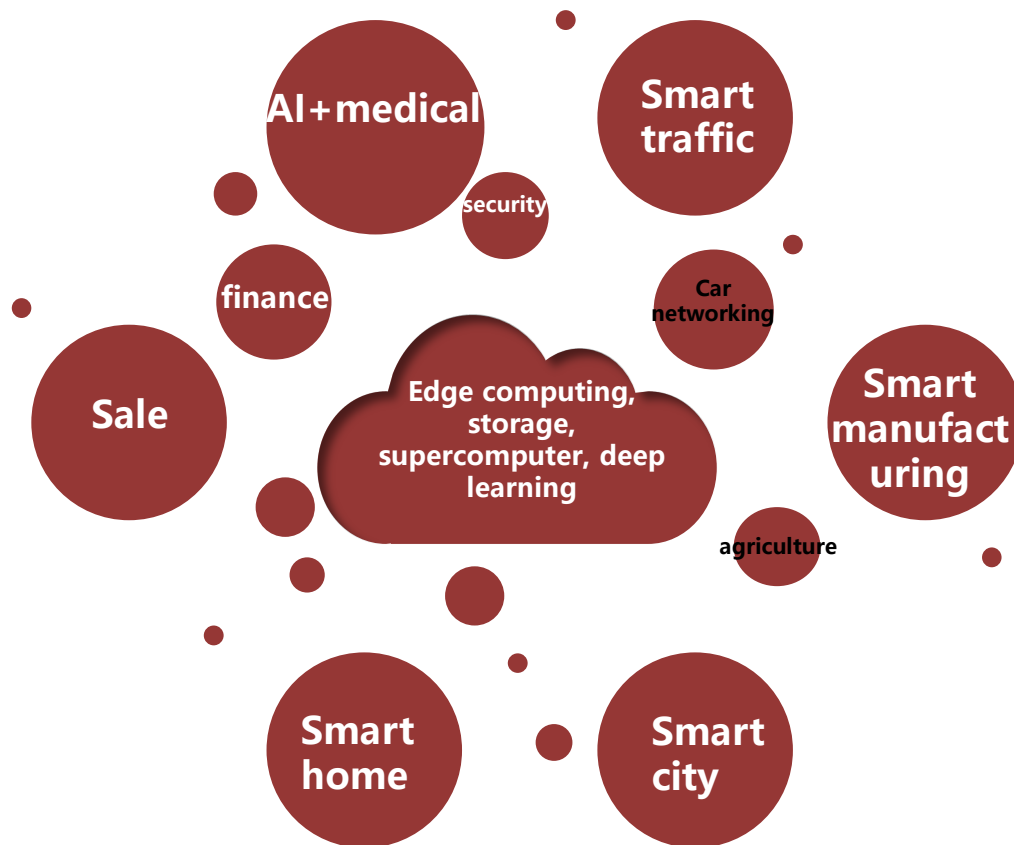


China's artificial intelligence market scale (100 million yuan)



SUSEA MIOT

日海智能

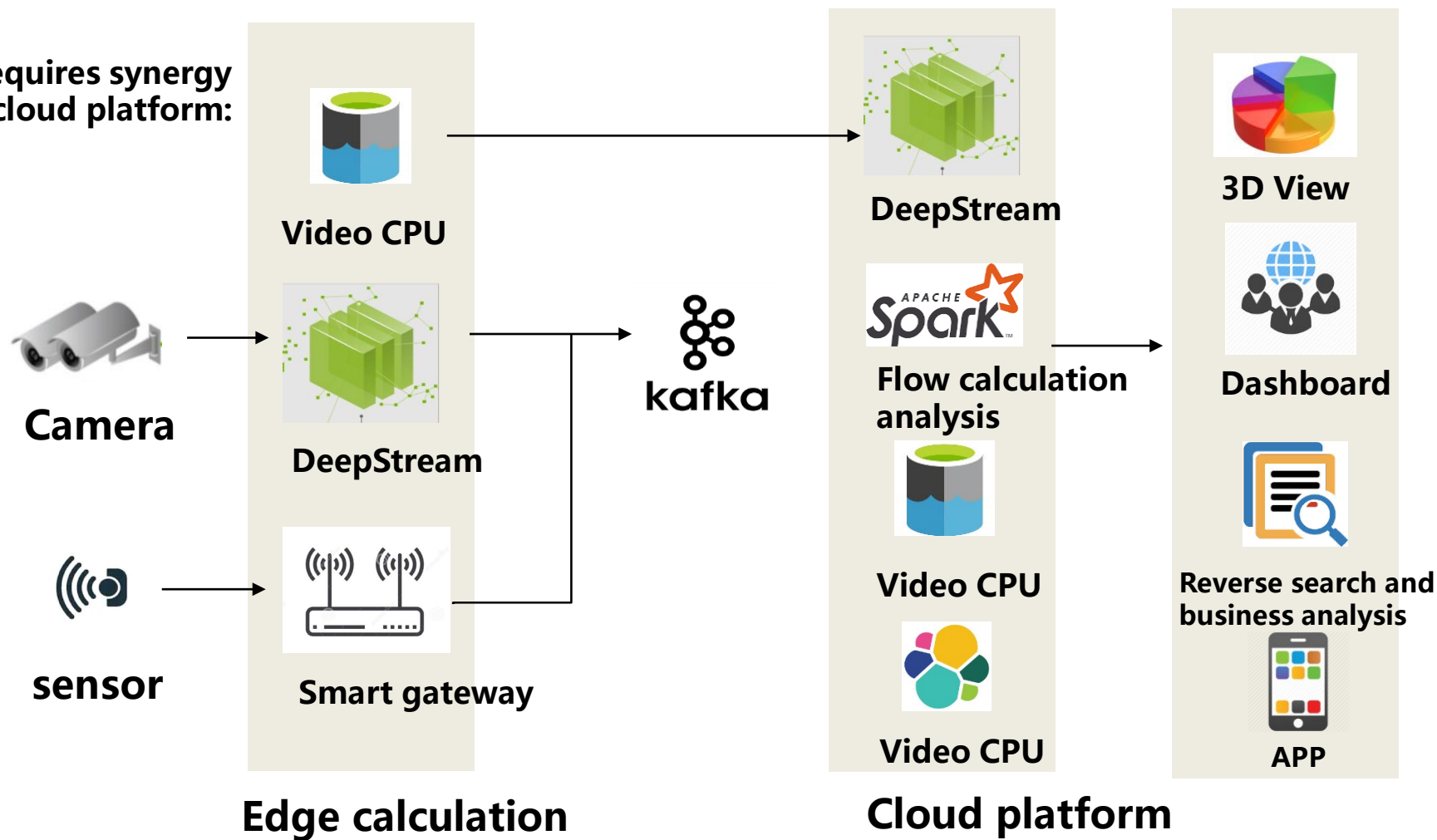




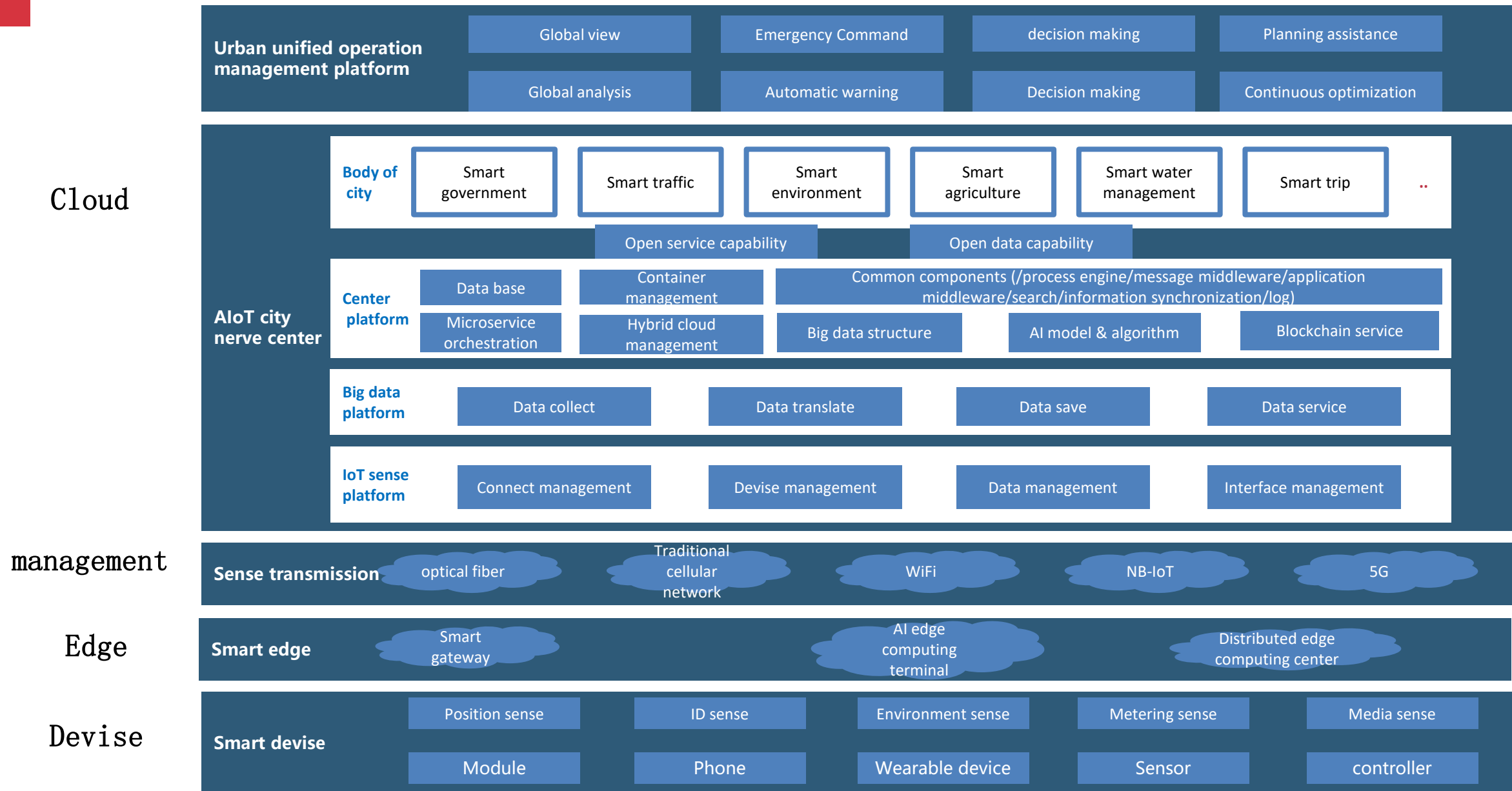
# SUNSEA AIOT cloud+edge, AI-Empowerment

The AI Internet of Things requires synergy between the edge and the cloud platform:

- data synchronization
- Distribution
- Model update
- Keep training
- Reverse search
- Data analysis



# The new AIoT nerve center of city



# 日海智能 AI边缘计算终端

- 多种Cam接入模式
- n\*USB Camera/8 \*IP Camera/6\*AHD Camera
- 深度学习: 8通道1080P\*30fps深度学习
- 音视频编码: 250Mbps
- 音视频解码: 500Mbps

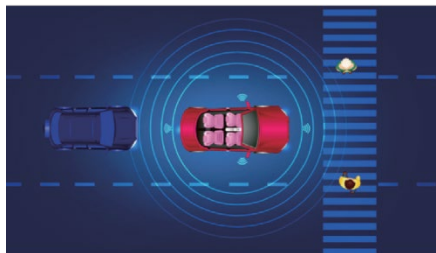


AI car edge computing terminal

DMS



ADAS



Face recognition



Item left





# AI edge computing terminal

Pedestrian identification

Face identification

Human gait recognition

Car identification

Two/three wheelers identification



AI video edge computing terminal

- Up to 8 channels of video/image

Multiple analytical recognition algorithms



community



garden



patrol



Traffic



manufacture



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monitor  
日海智能

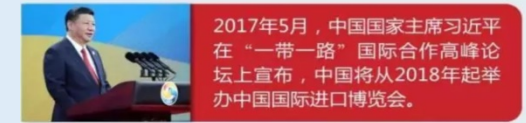
# shanghai jingan 151 project /qingpu smart community project

Smart jingan 151 project  
National Development and Reform  
Commission 2018 Digital Economy  
Construction Major Project  
Pilot project of "Shanghai New  
Metropolitan Area IOT Network"



SUNSEA AIOT participated in the construction of smart city in Shanghai from Jing'an 151 project "Shanghai New Metropolitan Area IOT Network" and Qingpu "Smart Security Community" project. The scene products expanded from fire geomagnetism, smart manhole cover and water level monitoring to independent smoke and intelligence. Bracelets, electric vehicle management, smart street lights, high-altitude parabolic, smart trash cans, environmental monitoring, etc.

qingpu smart community project  
The first "China International Import  
Expo" supporting construction project



Smart parking



Water level monitoring



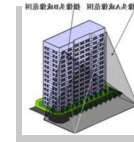
smart manhole cover



smart fire hydrant



smart wristband



High altitude parabola management



Smart lighting



Electric vehicle management

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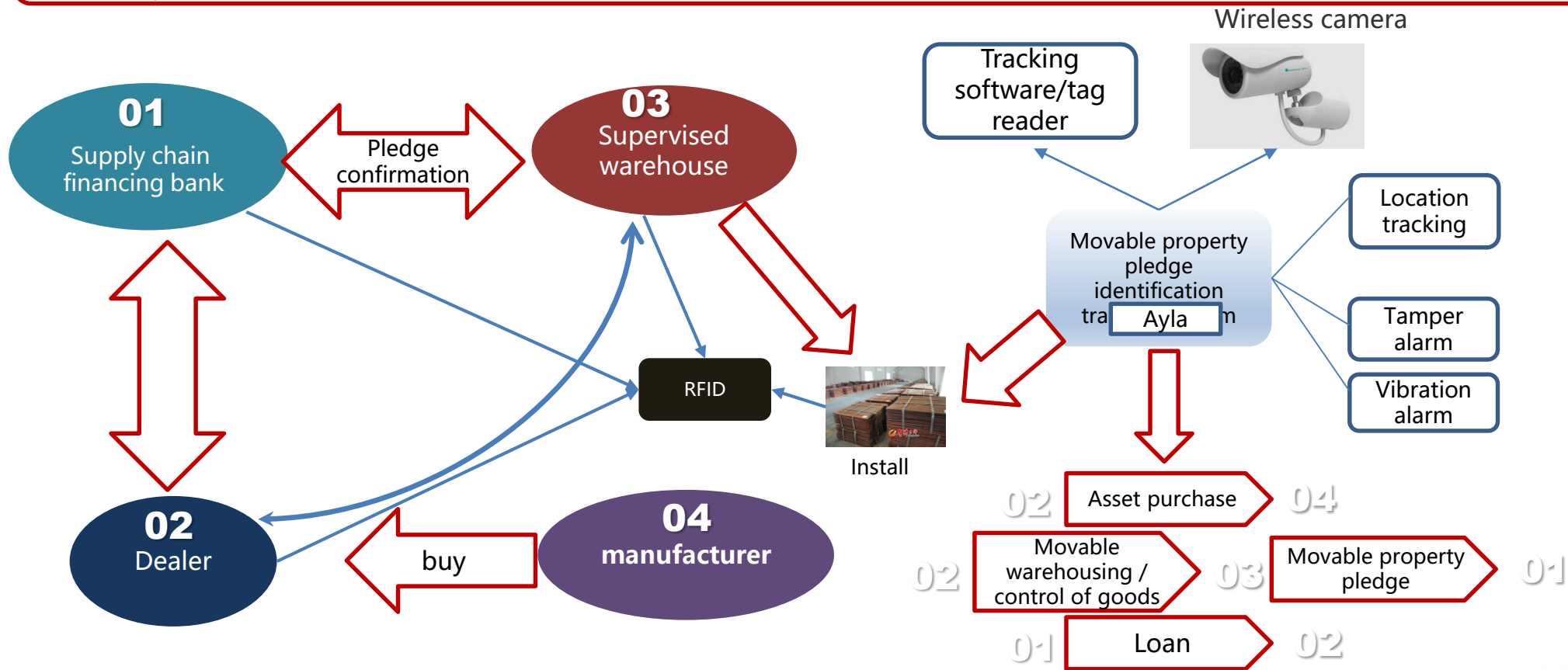


Smart trash can

**SUNSEA AIOT**  
日海智能

# Jiangxi National Reserve Copper Case

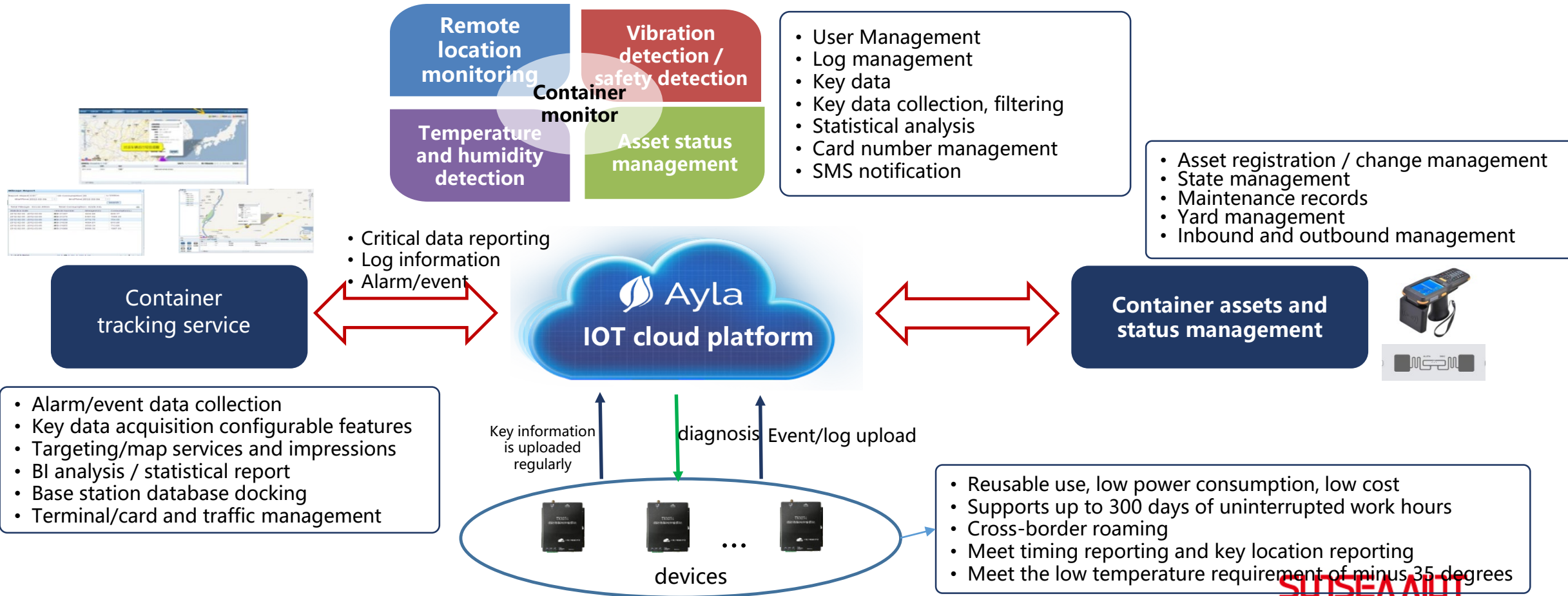
The pledge of movable property in the warehousing segment of the supply chain financial scenario is mainly through the related Internet of Things technology. The pledge party, the treasury manager and the bank supervisor can simultaneously understand the status of the asset inventory and confirm the issuance and recovery of the loan.





# China-Europe Train Logistics

Provide a complete solution for the whole process and full-process container monitoring of CEIBS cross-border transportation from terminal to SaaS platform software



# Hazardous chemicals car and bus solutions

## Smart car terminal



Rigid control

Full chain management

People and cars match

Smart management

1、Valve Rigid Control: Blockchain Smart Contract + Electronic Fence Rigid Sealing Valve

2、Warehouse-goods-road matching full chain management: warehouse supervision, vehicle driving, oil station supervision end-to-end

3、person-car matching: face recognition, human and car matching, real-time supervision

4、intelligent management: edge calculation, AI algorithm edge real-time analysis of dangerous driving behavior







Thanks !