

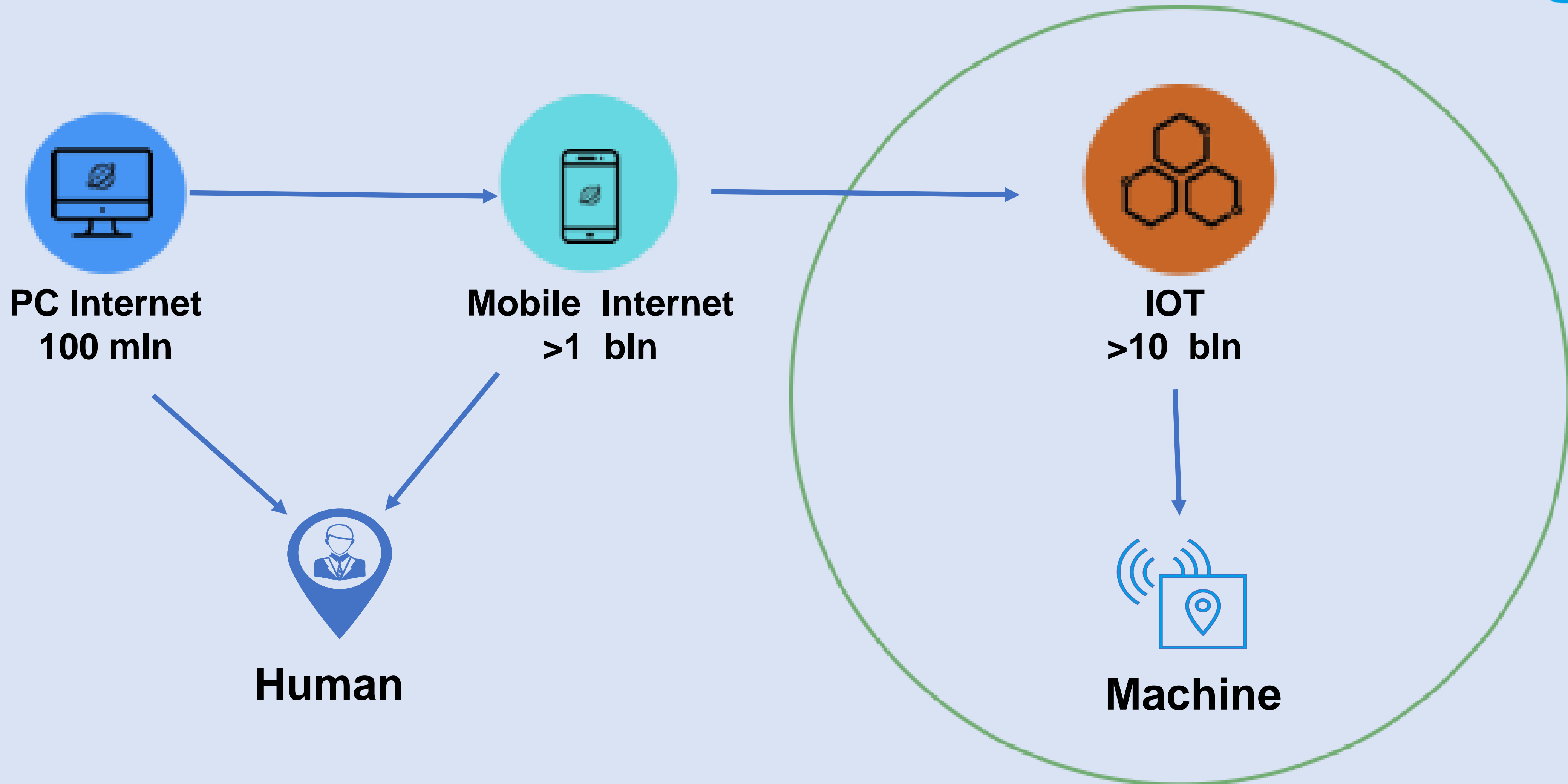


Realization of high-precision positioning and timing provision as a **PUBLIC SERVICE**

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High-Precision positioning will serve a large number of machines in IoT era





Basic characteristics of public service



Electricity



Internet
Communication



Cloud Computing

Easy
Access

On
Demand

Low
Threshold

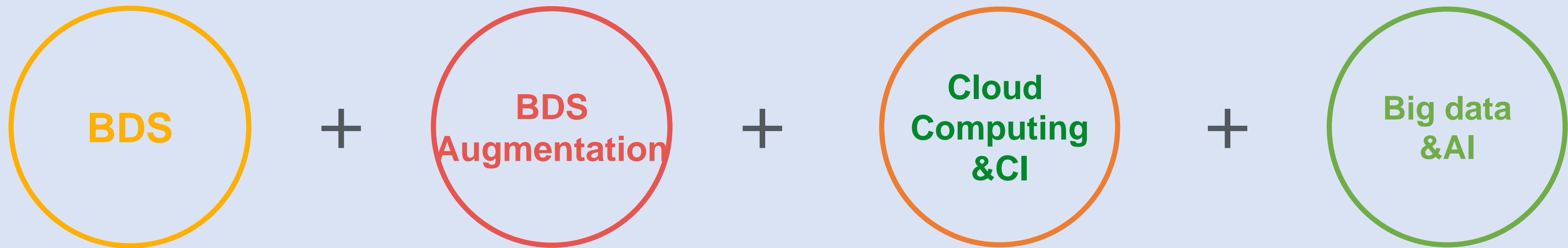
Low
Cost



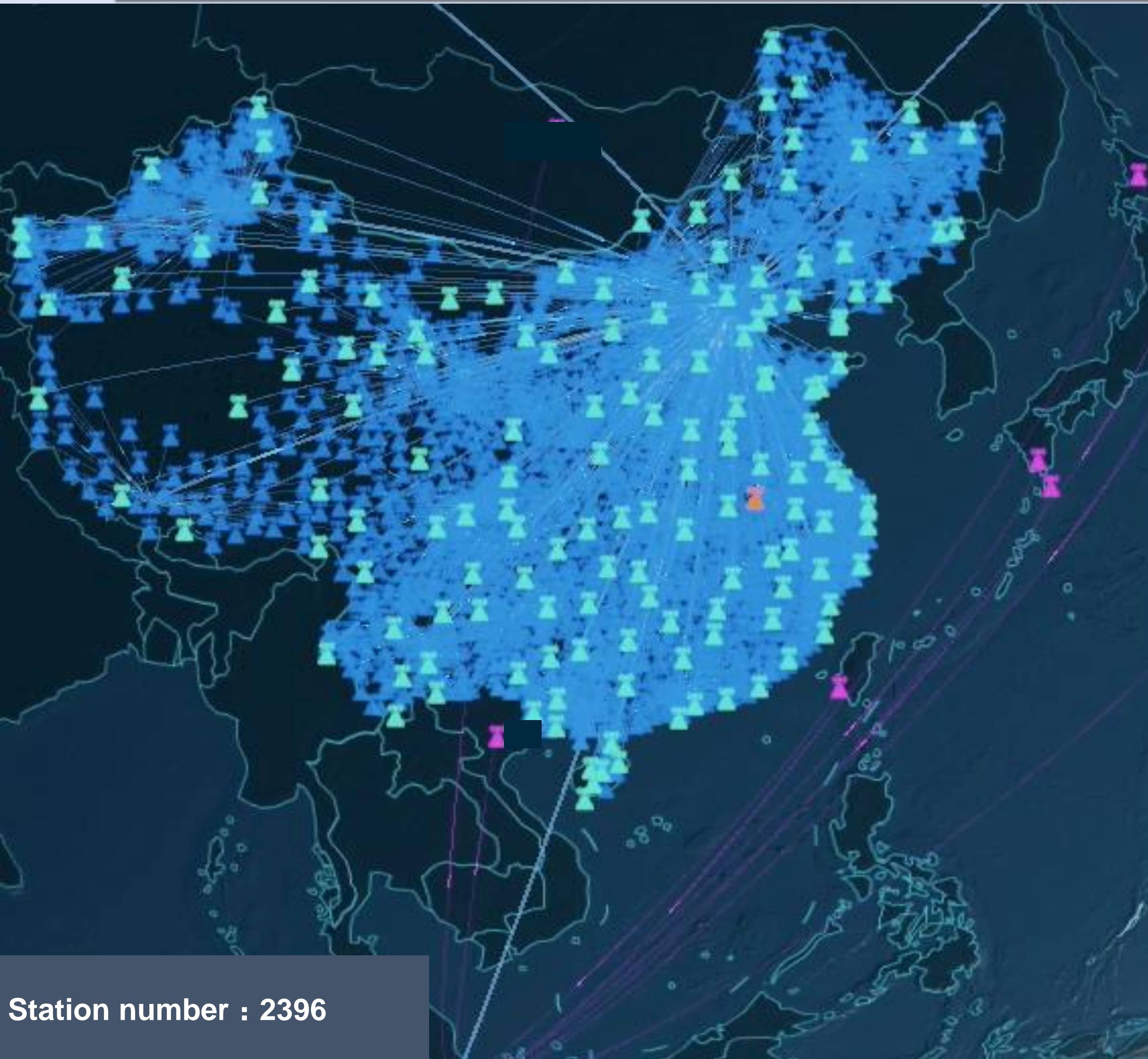


GNSS + Internet technology

GNSS + Internet technology enrich the applications for mass market



National BeiDou Augmentation System Reference Station Network



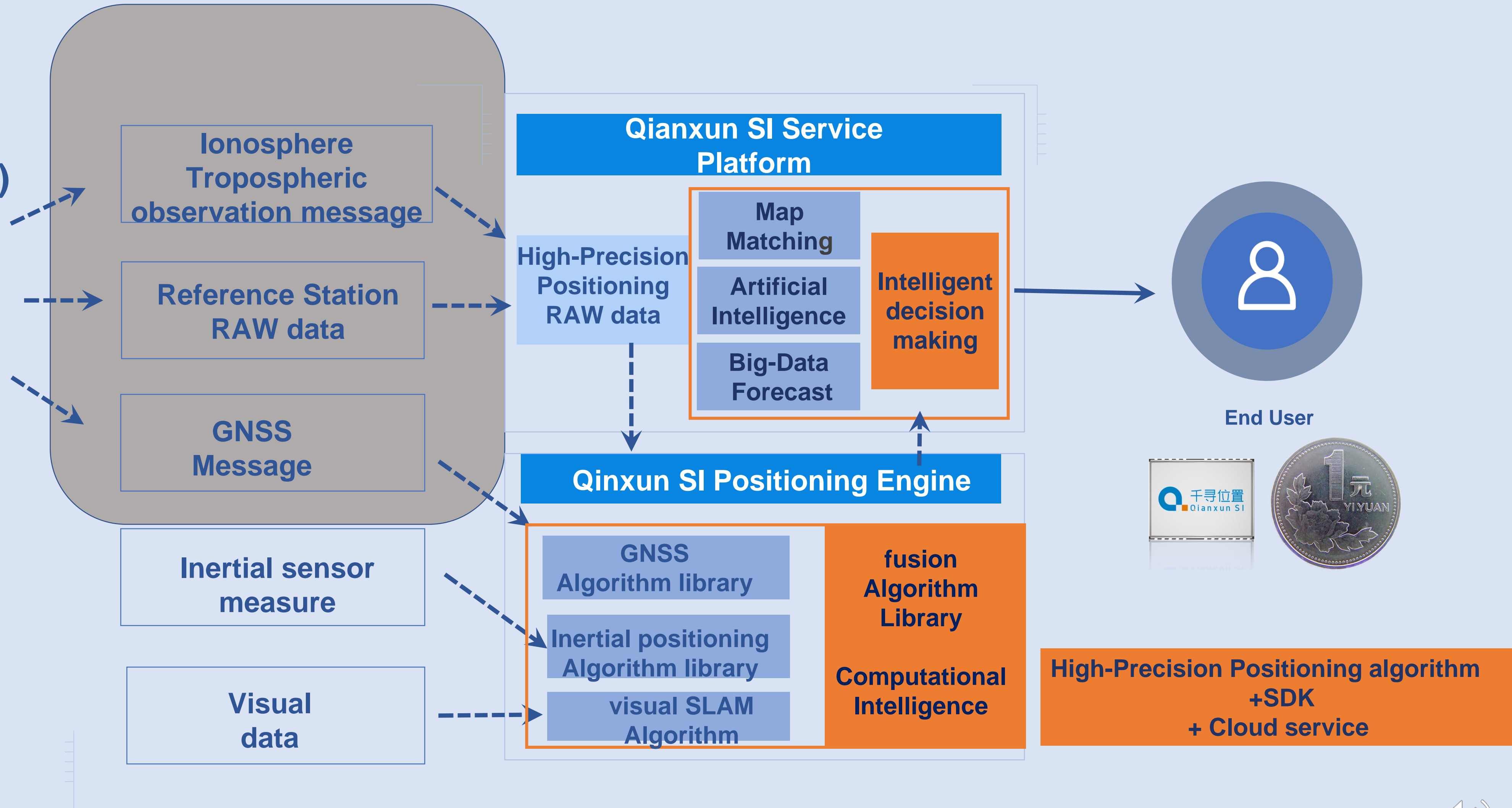
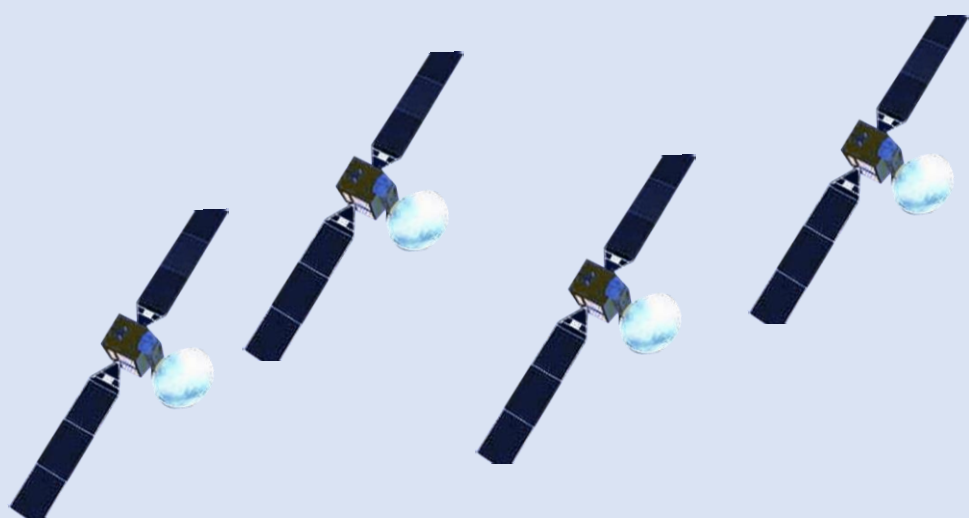
Station number : 2396





High-Precision Service Platform

BDS Satellites
(GPS/GLONASS/Galileo)

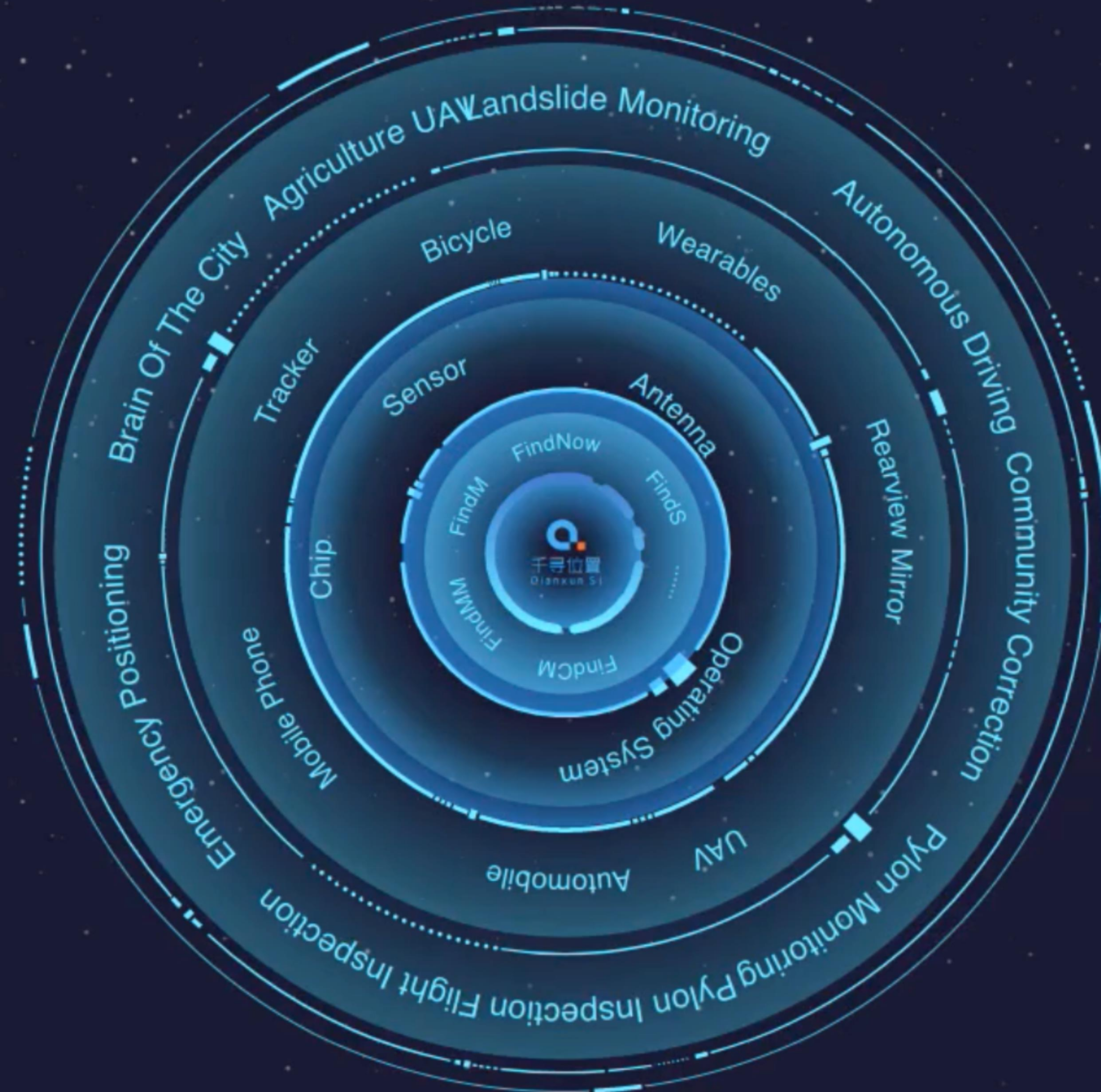




High-Precision Service Ecosystem



Positioning



As A
Service

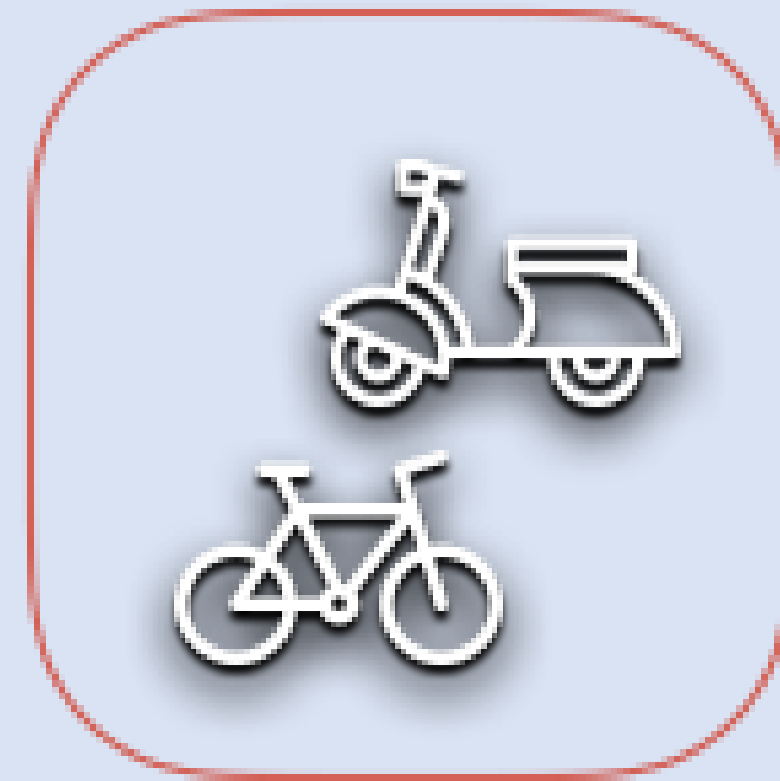




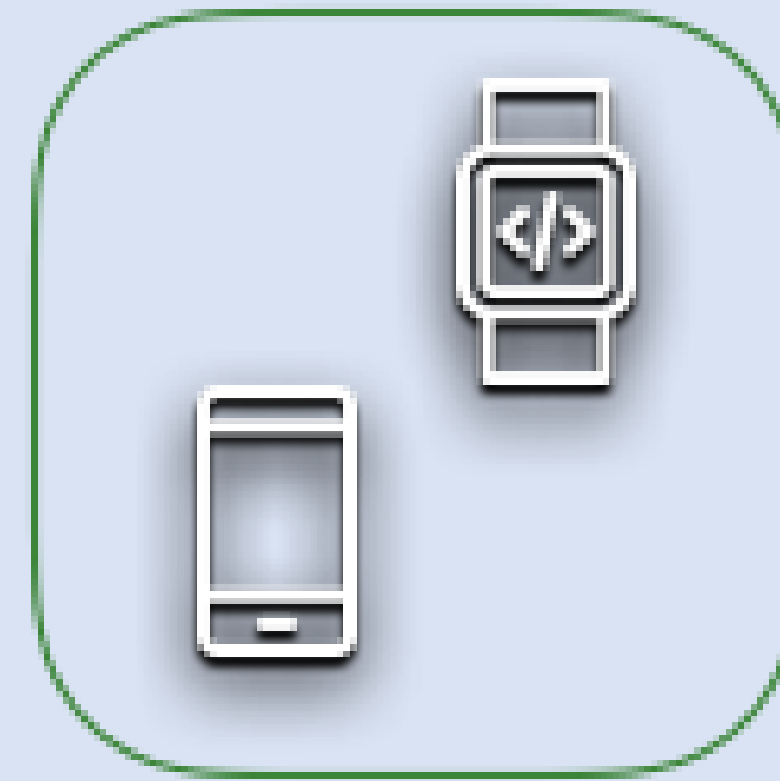
More Addressable Applications



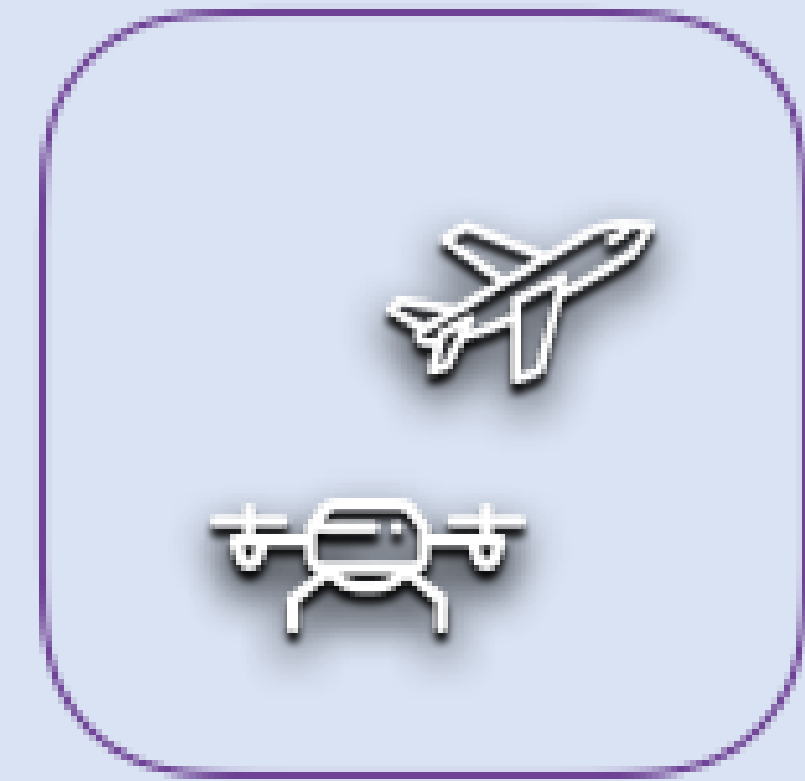
Automotive
>1 mln



Shared Bicycle
> 1mln



Wearable Device
>200 mln



Drones
> 10 ths

Key applications and current user number





A-GNSS Service

Number Of Global Users
206,907,878

Number Of Total Services
133,292,694,155

Number Of Today's Services
315,056,667

Number Of Yesterday's Services
331,034,954

Time Saved For Users
114,120 Years (999,695,206 Hours)





Lane Level High-Precision Positioning



Alibaba Cai-Niao L4 Express Vehicles

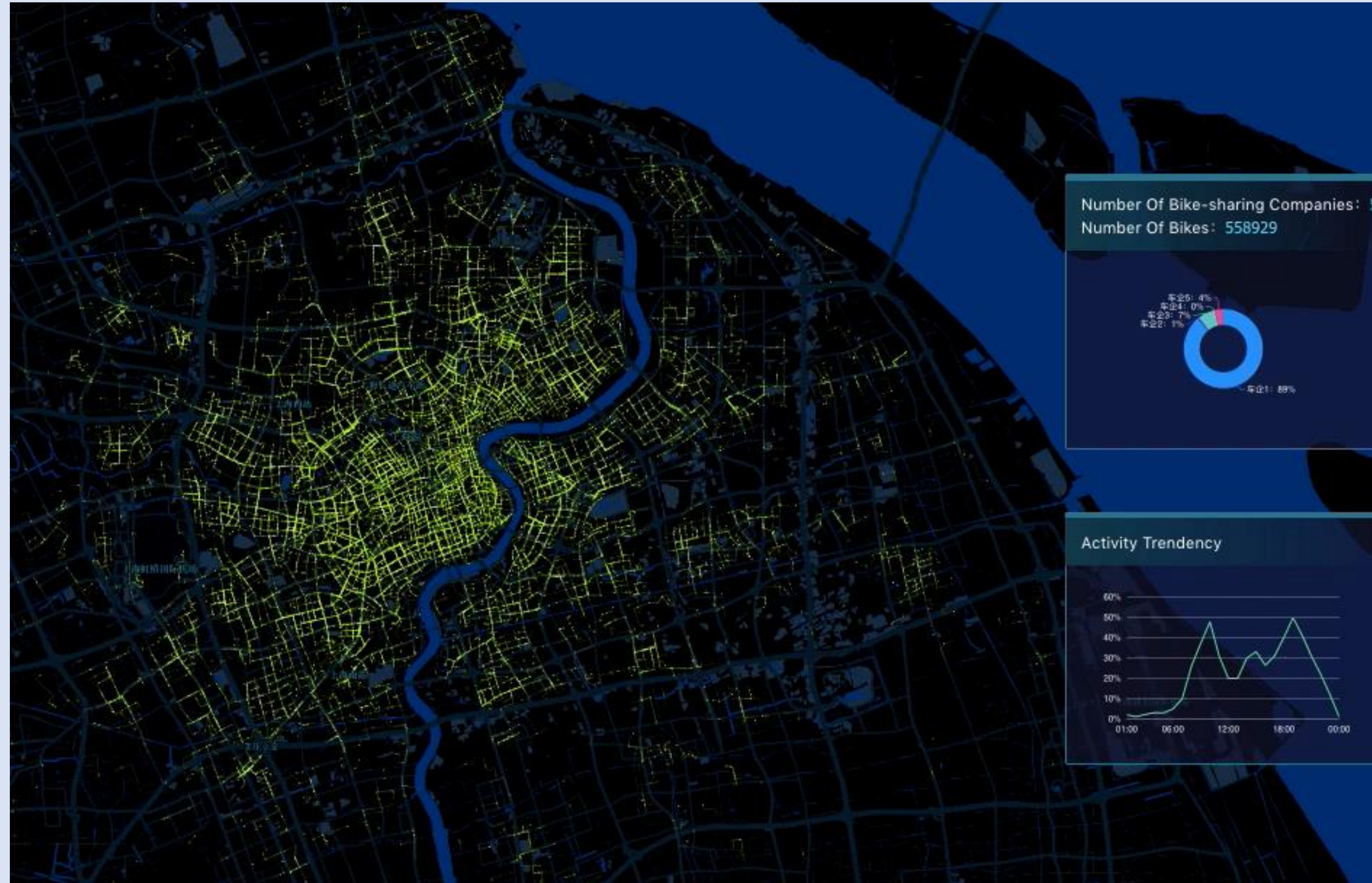


Lane level positioning on road test

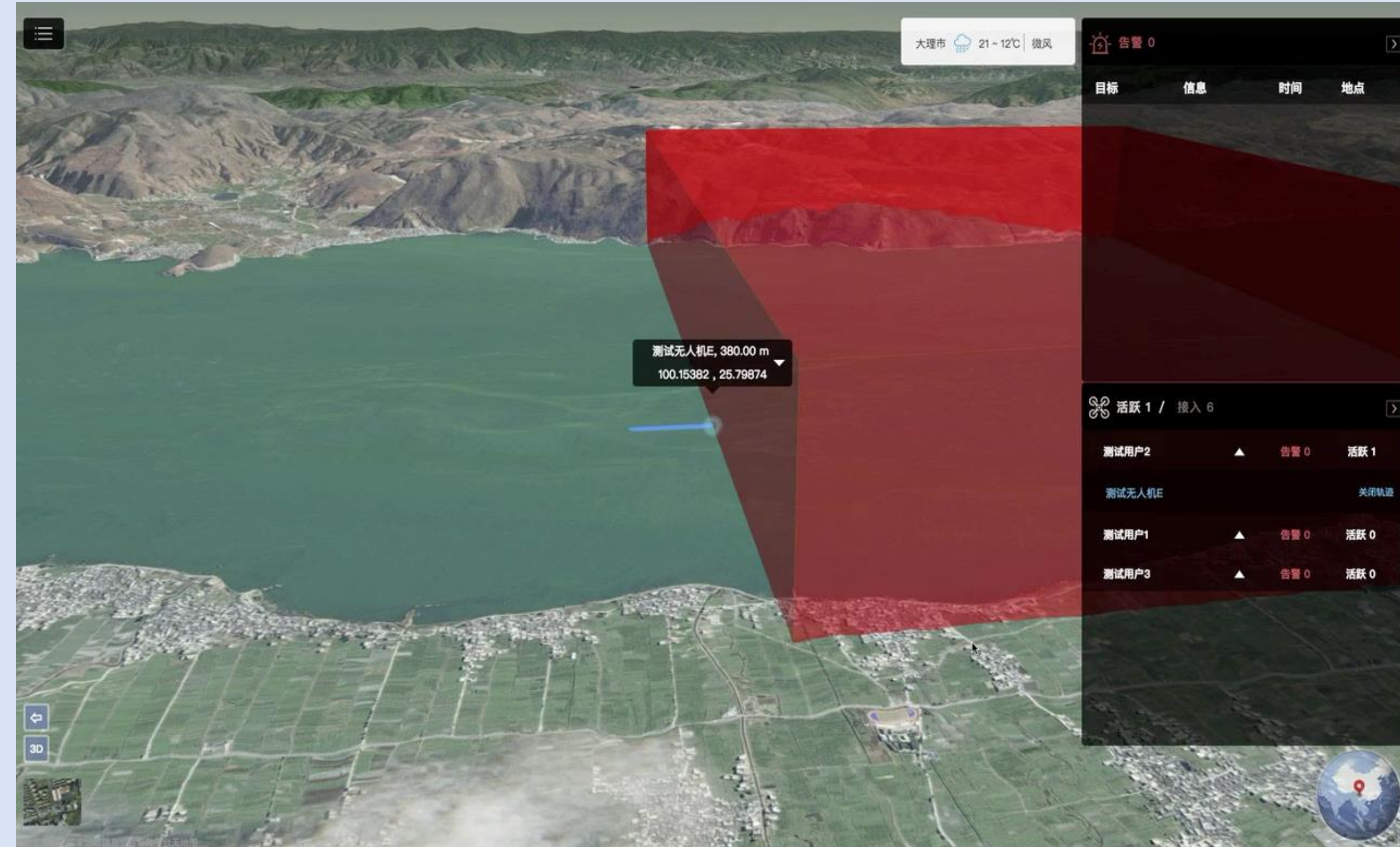




Bicycle and Drone monitoring platform



Shared bicycle management platform



Drone Geofence platform

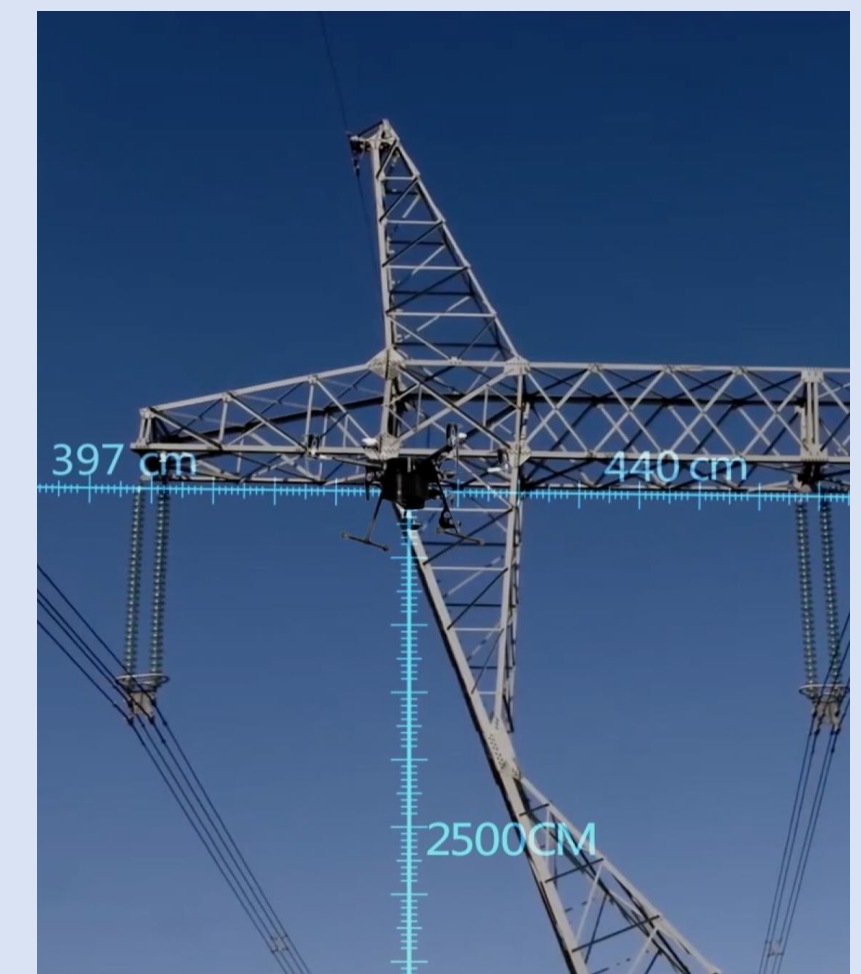




Public service for Drone applications



33.3 ha / **1** day / **1** drone



100 Towers / **1** person / **1** day



Position and timing are basic tags for the "Things"



Event detection

Plate number and models

Event detection

Illegal driving on the limit lane

Event detection

Traffic incident inspection

Provide the unified positioning and timing reference for traffic cameras

(City Brain Solution for Civil Management)





Road Safety



Tested on Shanghai – Beijing frw from May to July 2018

High-precision positioning module inside the safety cones, accurate position will be upload to Gaode map in real-time





Protecting the infrastructure



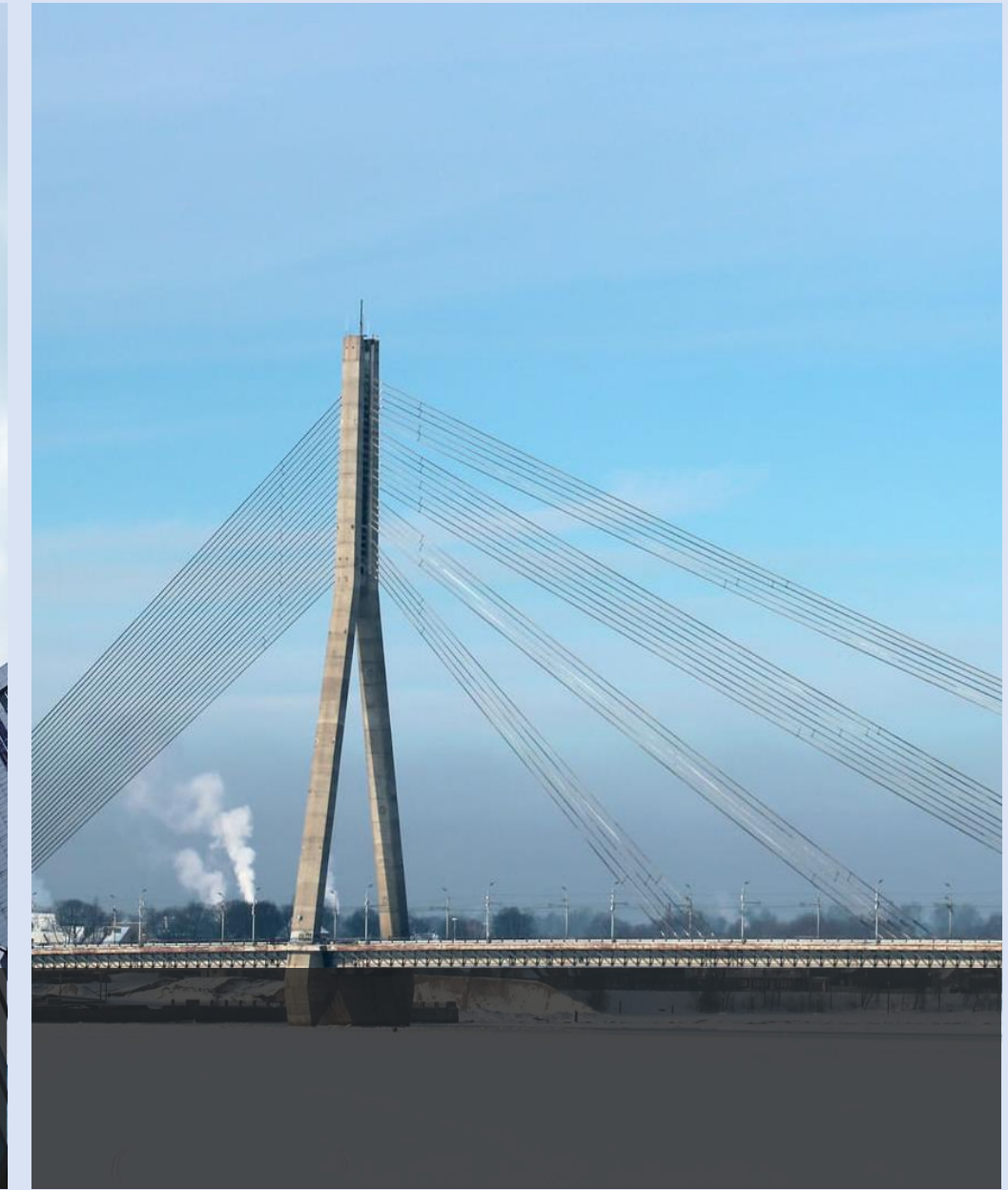
Slide Monitoring



Deformation



High Building



Bridge

Low cost solution for legacy application



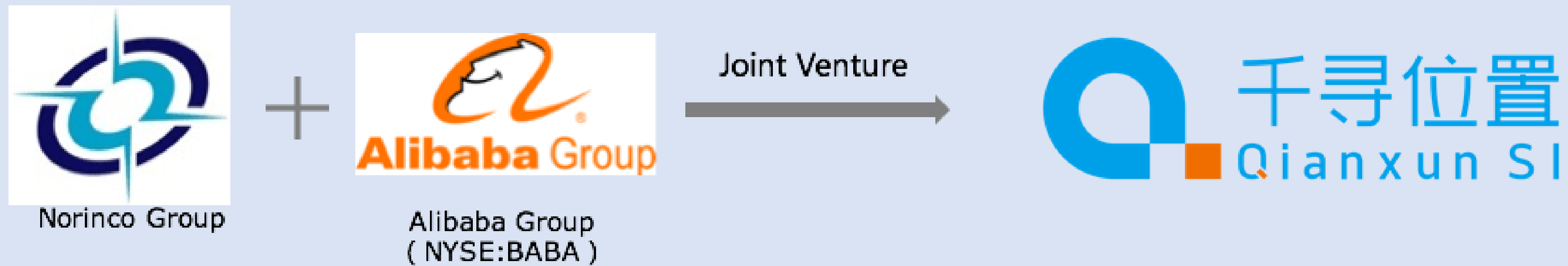


High-Precision positioning and timing service
will be the major infrastructure of IoT era





Qianxun Spatial Intelligence was founded on **August 18th, 2015**.



Core business : Internet + Positioning

Establish the cloud-based location service platform by building and consolidating BDS network.

Satisfy the high precision positioning needs of countries, industries and mass markets.



Thank you

