

SuperMap iMobile Introduction and Data Collection Solutions

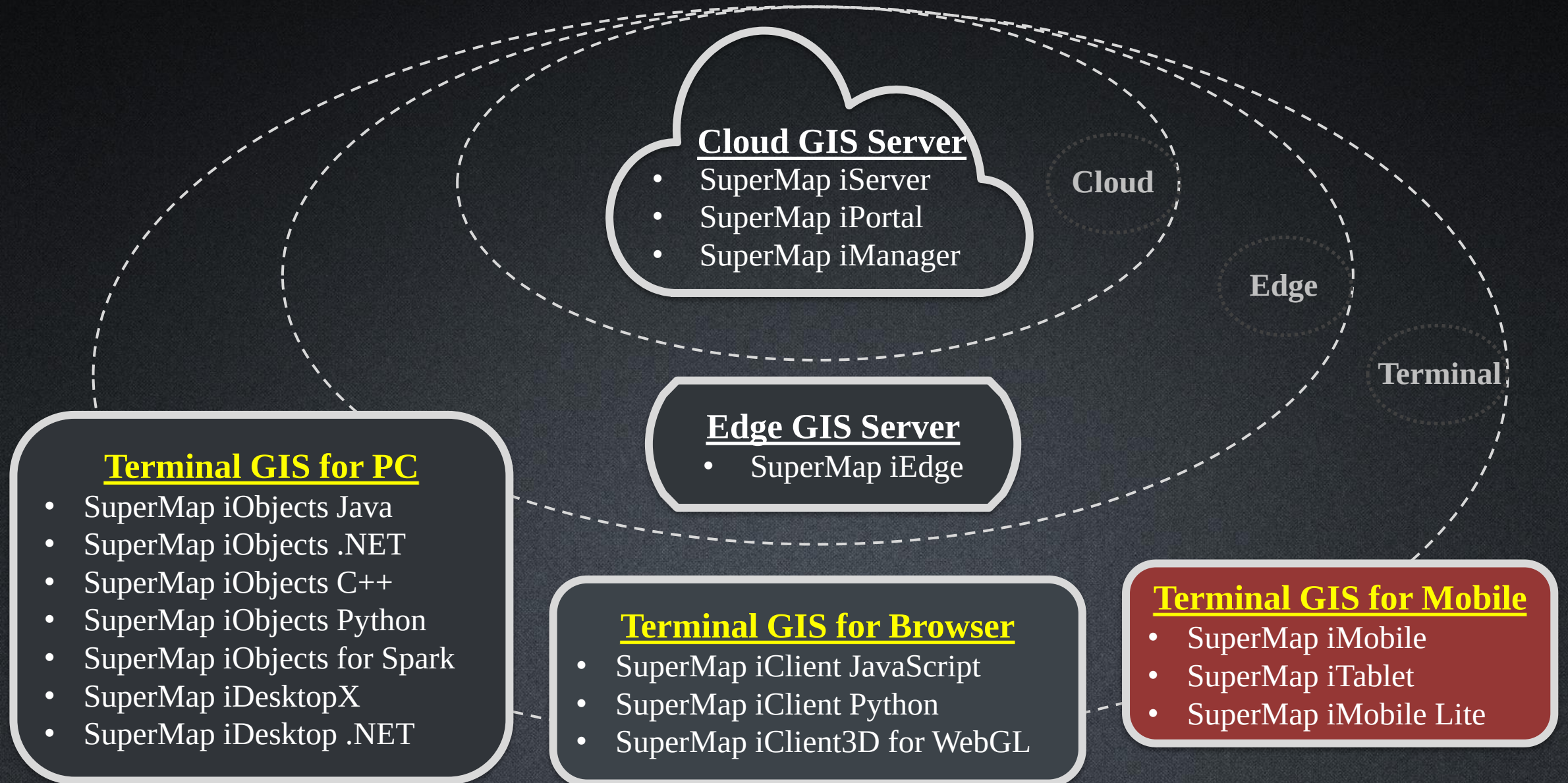
Content



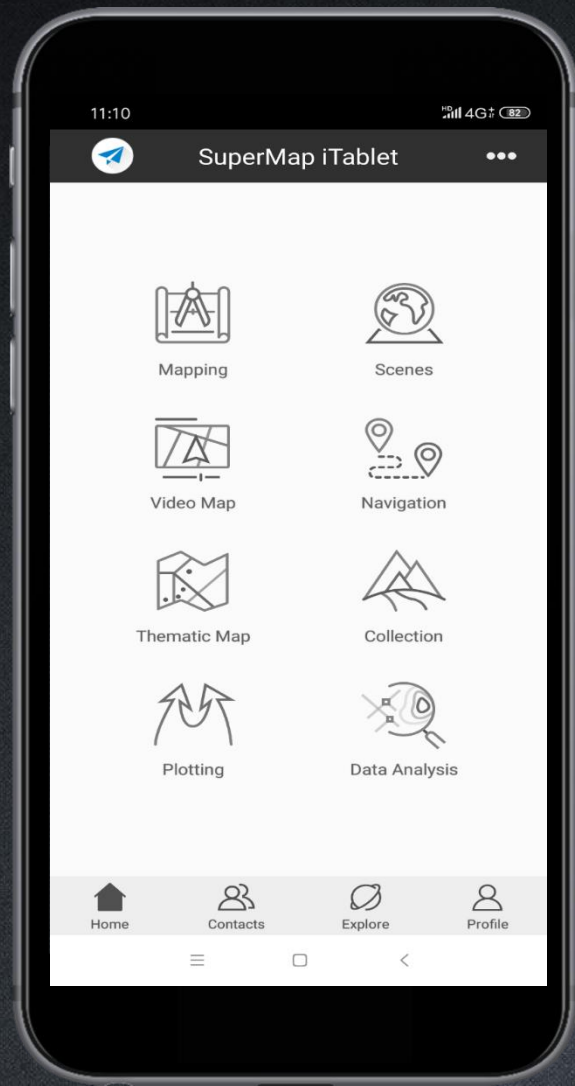
①

Basic Technology

SuperMap GIS 10i Product System



SuperMap Mobile GIS



SuperMap iMobile

SDK

Full Function GIS Development Application



SuperMap iTablet

APP

2D & 3D integrated application

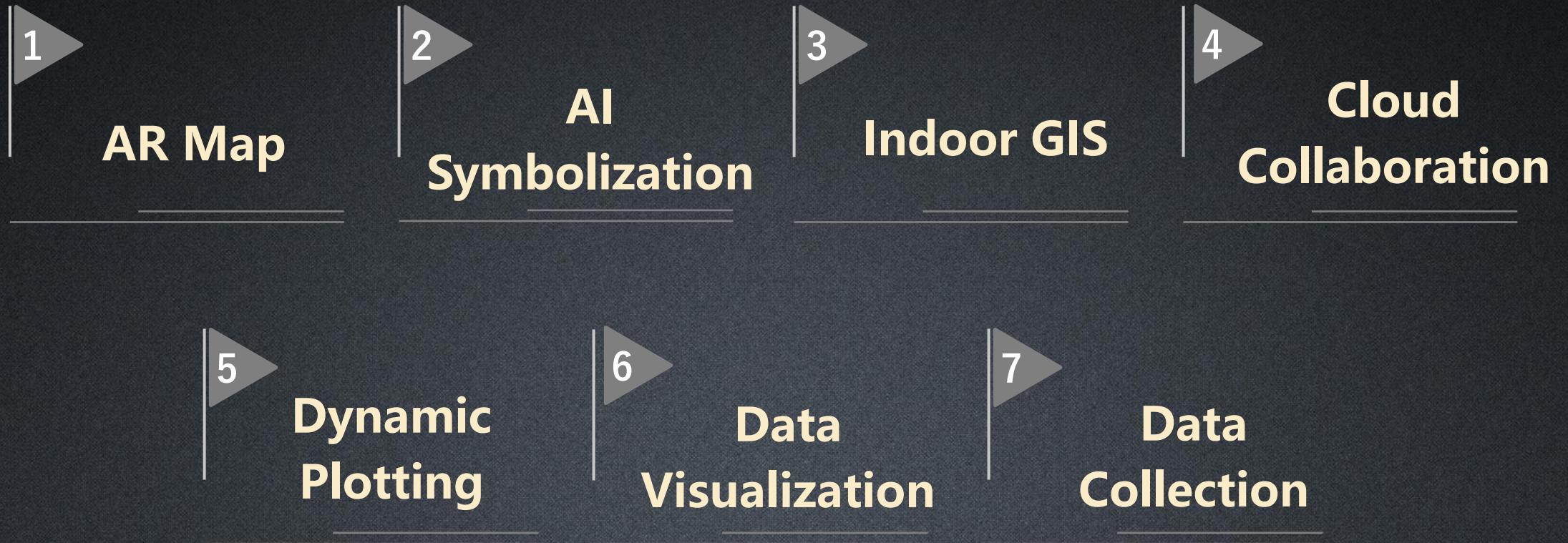


SuperMap iMobile Lite

SDK

Lightweight mobile GIS development platform

Features to Empower Mobile GIS

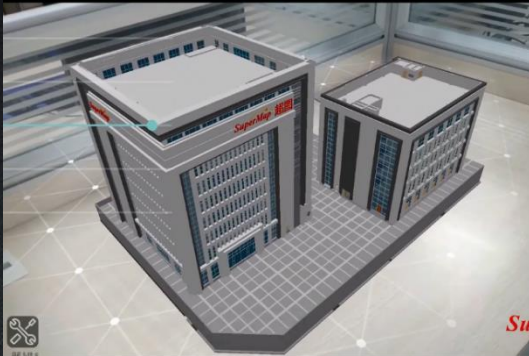




1、AR Map

Present the digital and intelligent
real world

Feature of AR Map



AR+BIM



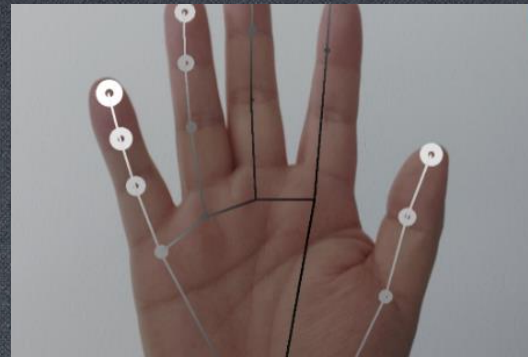
Road Sign



Indoor Positioning



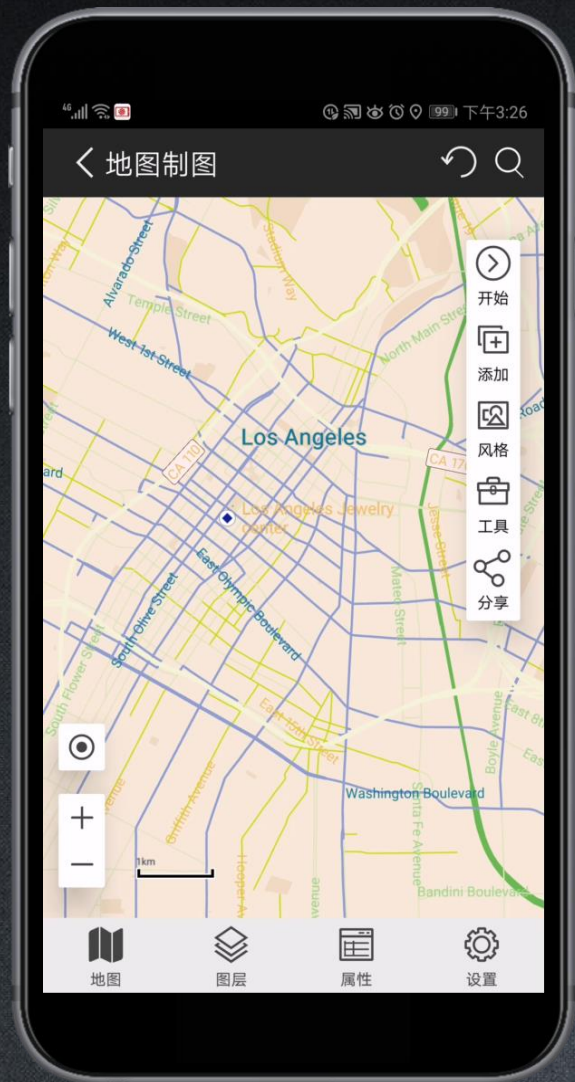
Intelligent Mapping



Tracking Gestures

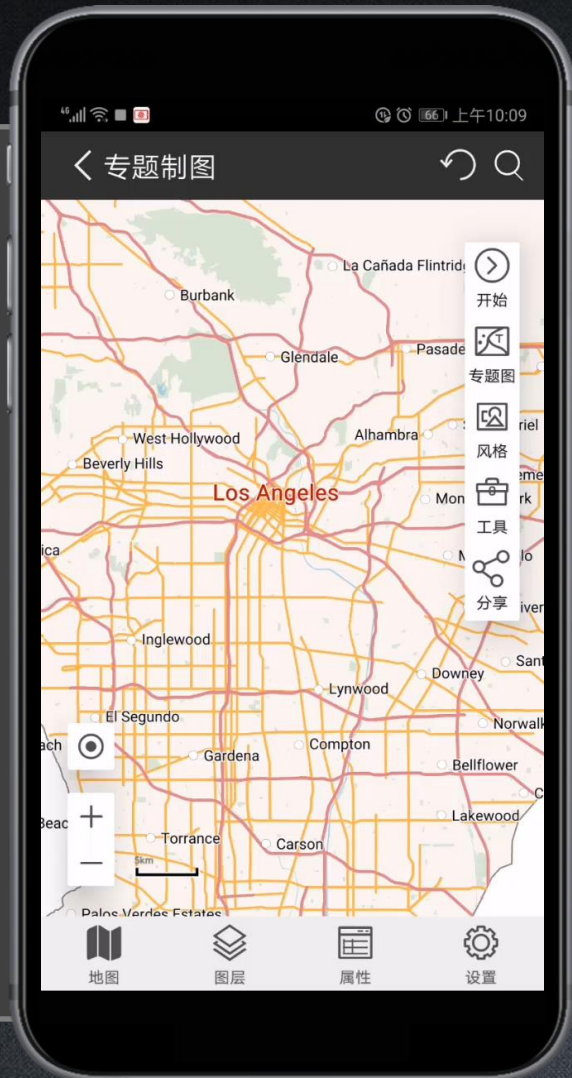


AR Navigation

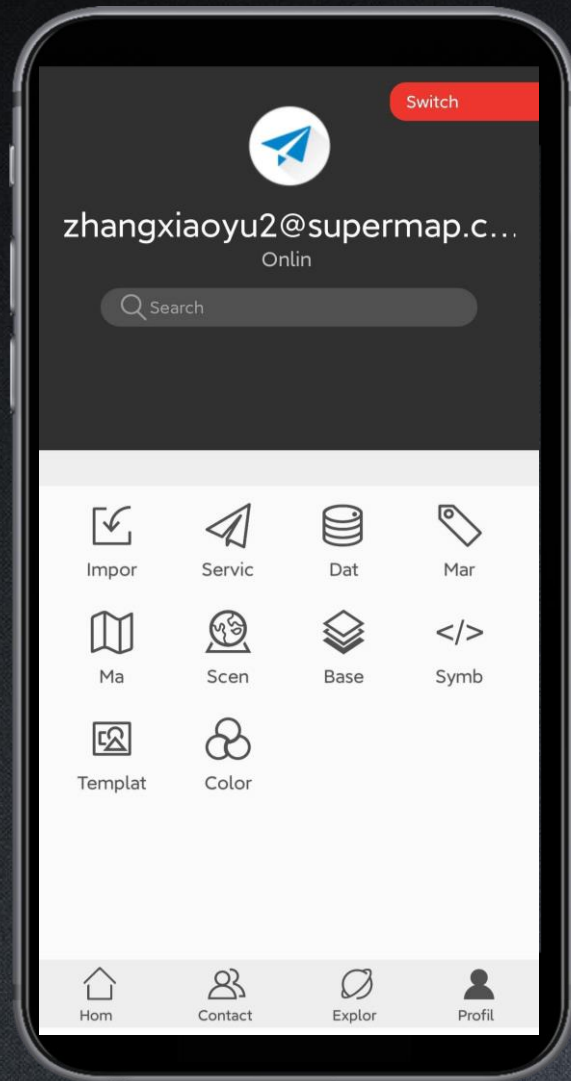


2、AI Symbolization

AI Symbolization

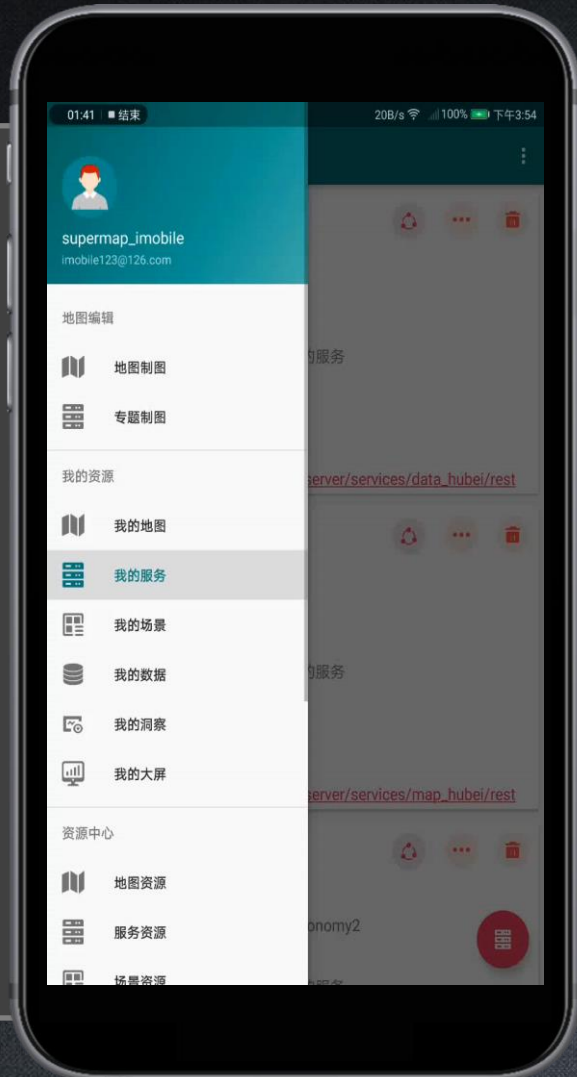


- Automatic color matching
- Can adjust brightness, contrast, saturation



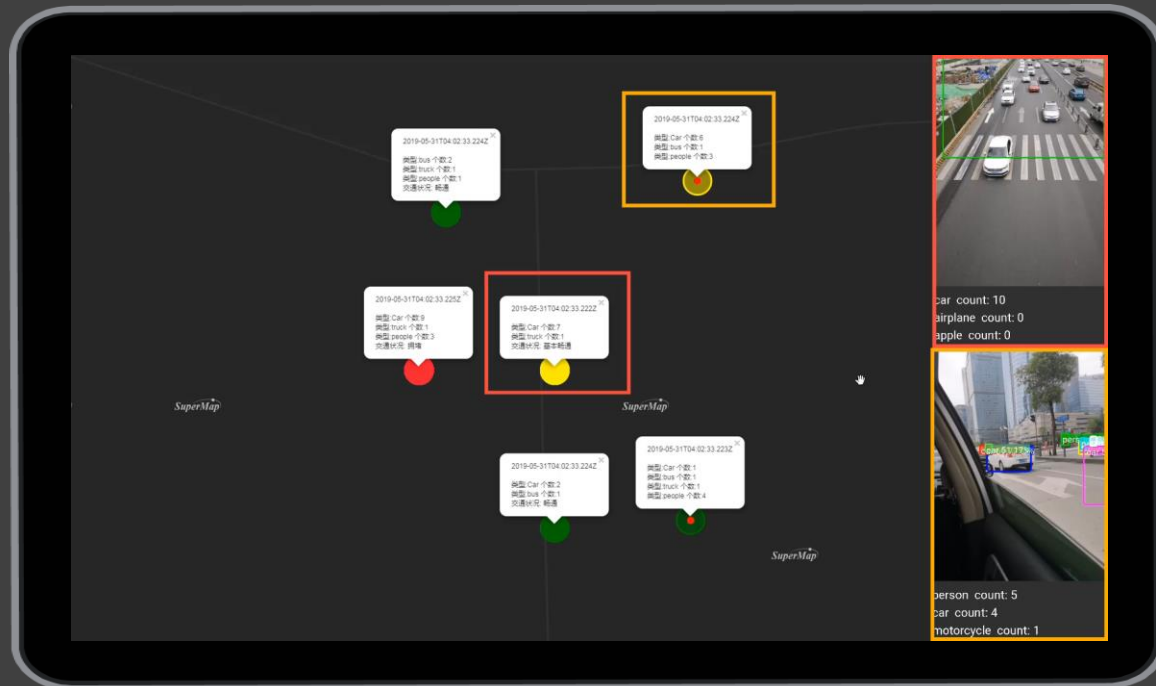
3、Cloud Collaboration

Connect with SuperMap iPortal



- Cloud account
- Manage resources in SuperMap iPortal
- Resource upload and download

Real-time Streaming Service



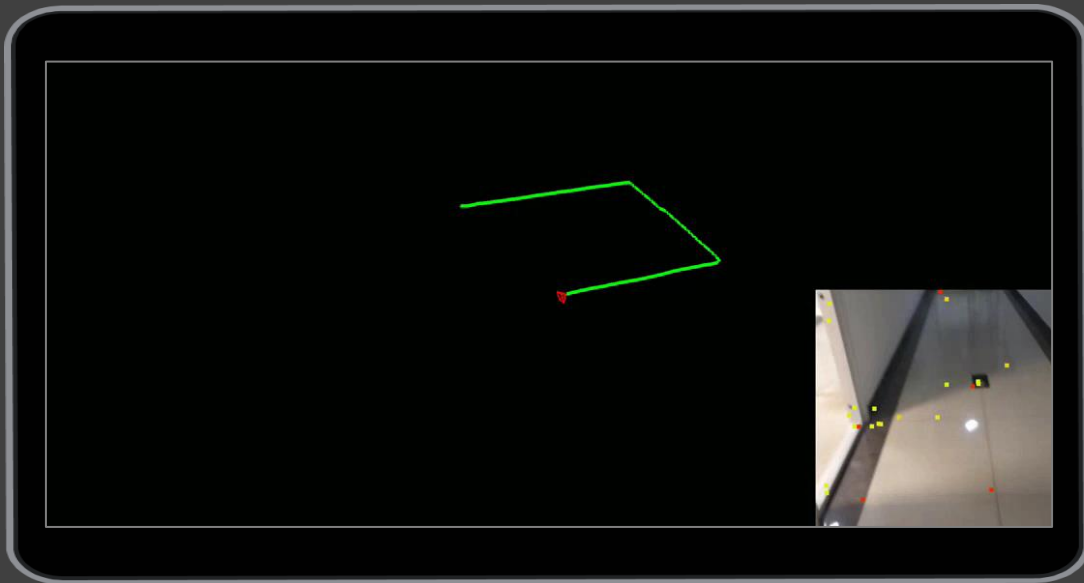
- Real-time data dynamic update
- Real-time streaming data visualization
- Application:
vehicle position monitoring,...



4、Indoor GIS

Map, positioning, navigation

Indoor Data Collection



- Indoor measurement
- Indoor floor plan collection
- Indoor trajectory collection
- Indoor point, line and polygon collection



5. Situation Plotting

Plot Animation



Flashing Animation



Growth Animation

■ Animation type:

Flicker, attribute, display, growth flash, rotation

Situation Deduction



- Mobile: Animation deduction
- Source: Mobile terminal production, xml file
- Can be exported as xml file



6、 Data Visualization

Data Insight

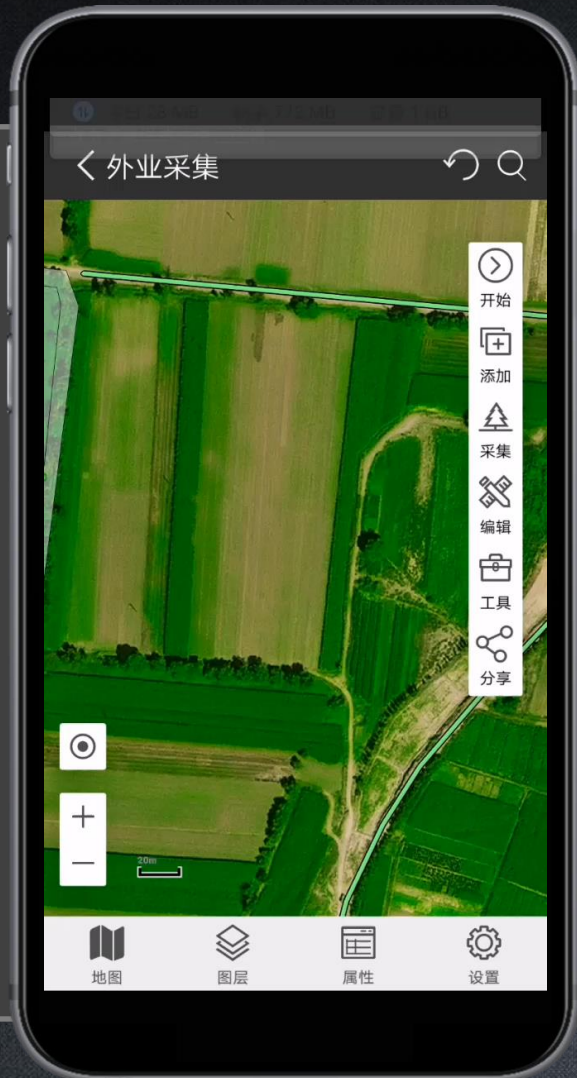
Data Visualization





7、Data Collection

Data Collection



- Data collection template
- Legend for dynamic configuration

Full-function field collection



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Real-time data collection

Technical Foundation



Message Queue (MQ)



Advanced Message Queuing Protocol (AMQP)

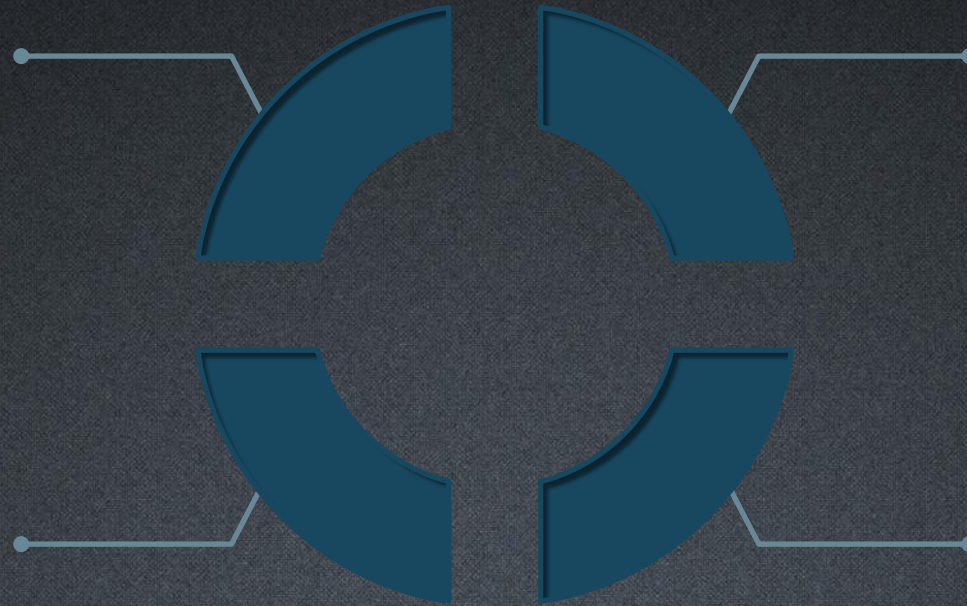
Multi-terminal real-time data collection module

**User group
management**

**Message
management**

**Task
Management**

**Data update
and display**



Multi-end real-time collaboration capabilities



Mobile Collaboration



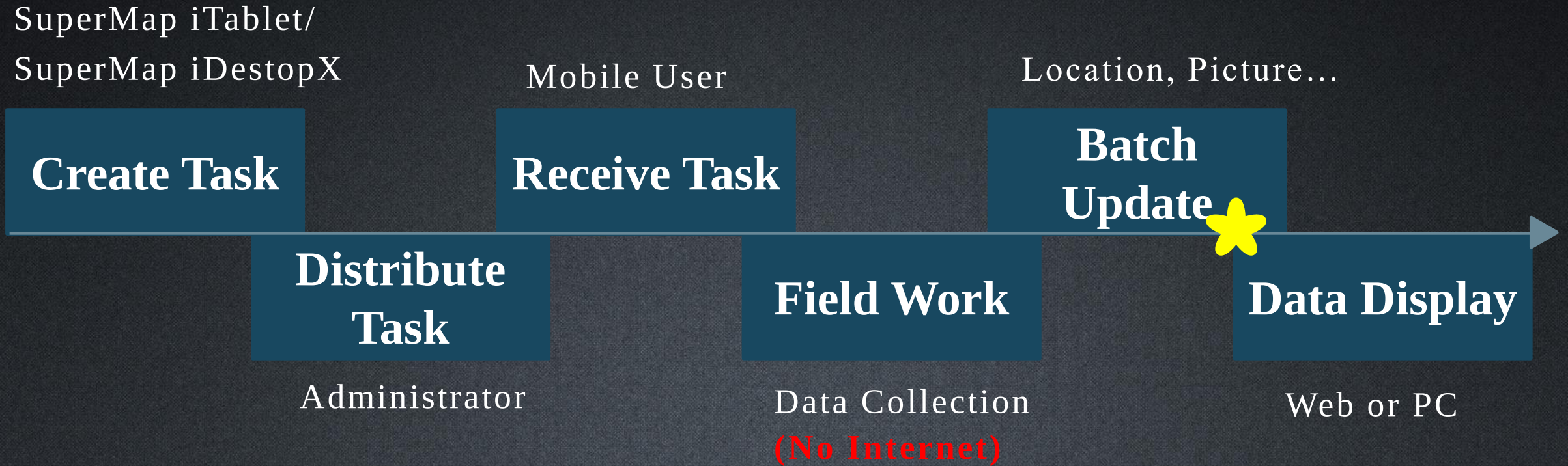
Terminal-to-cloud collaboration



Online Operation Process

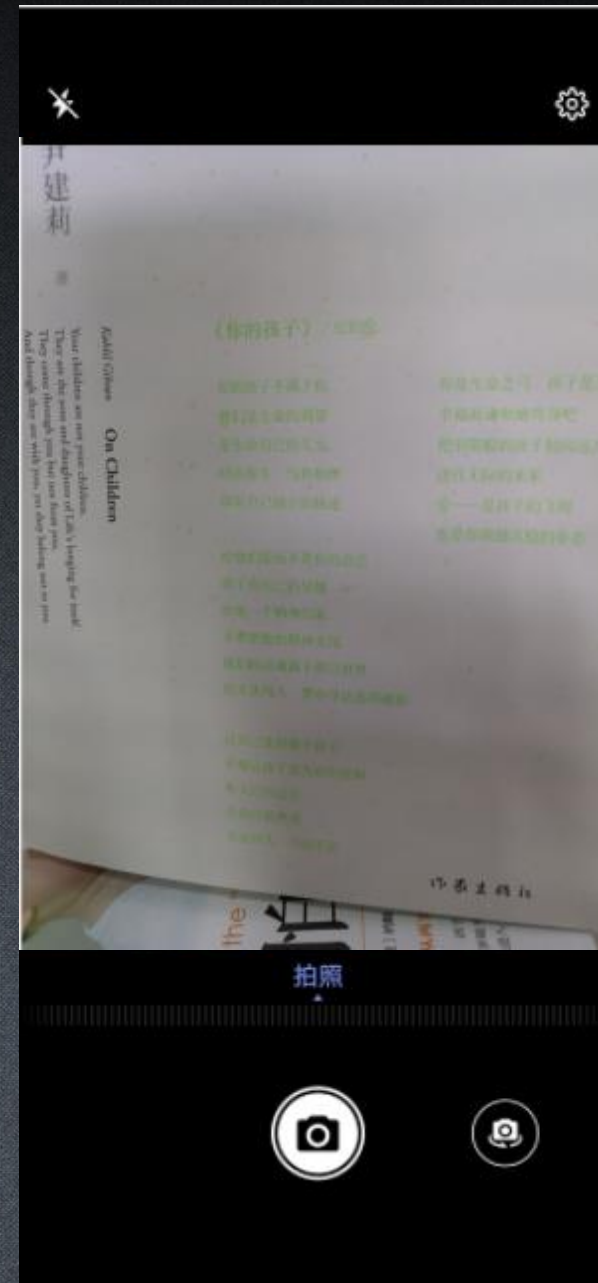


Offline Operation Process



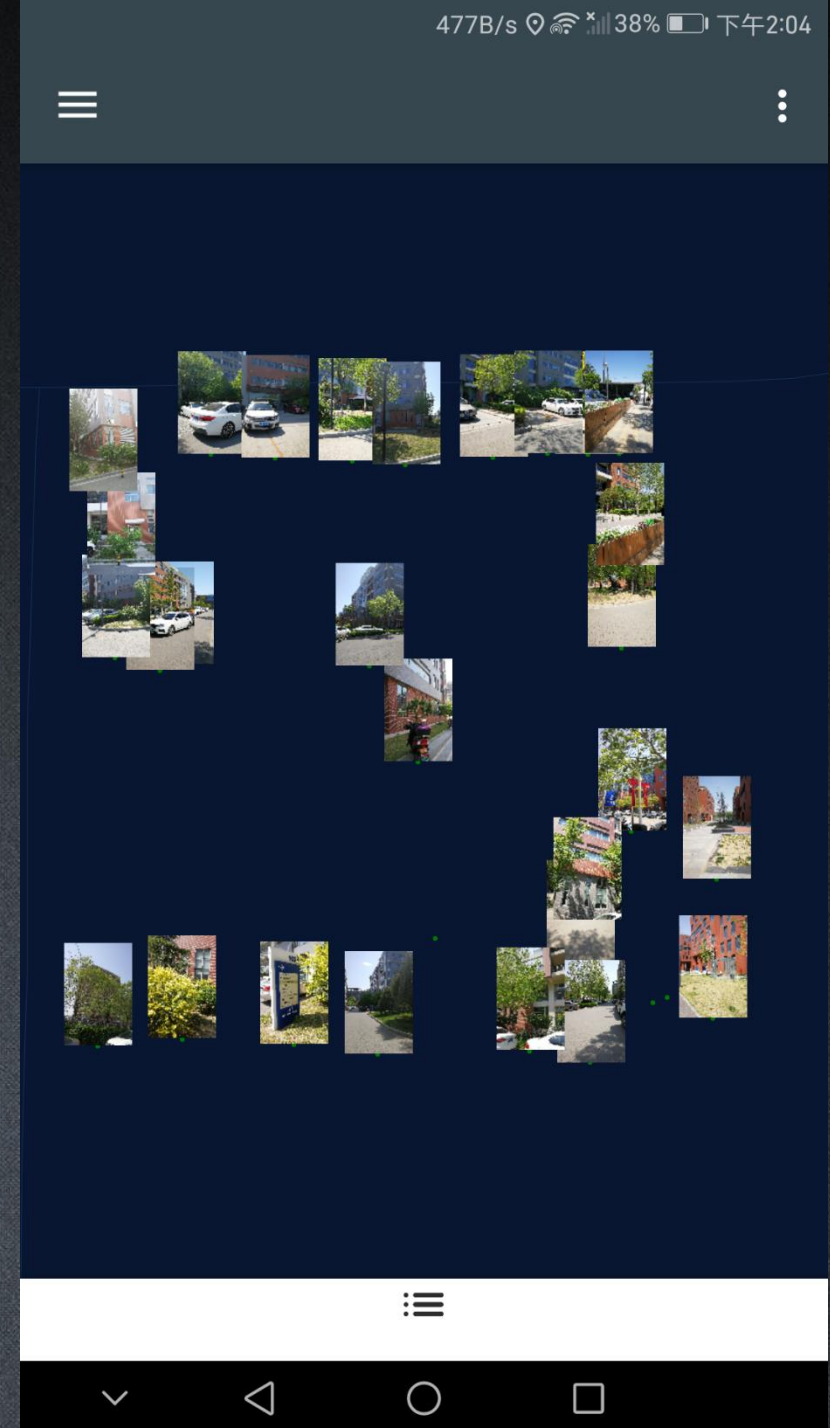
Field Work

Data Collection



Field Work

Picture Map

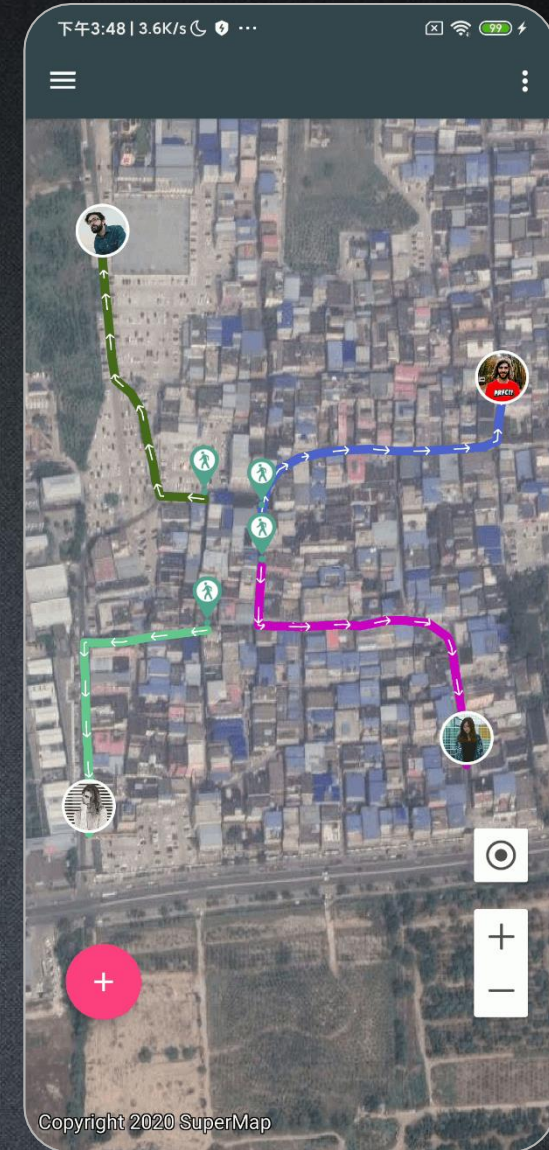
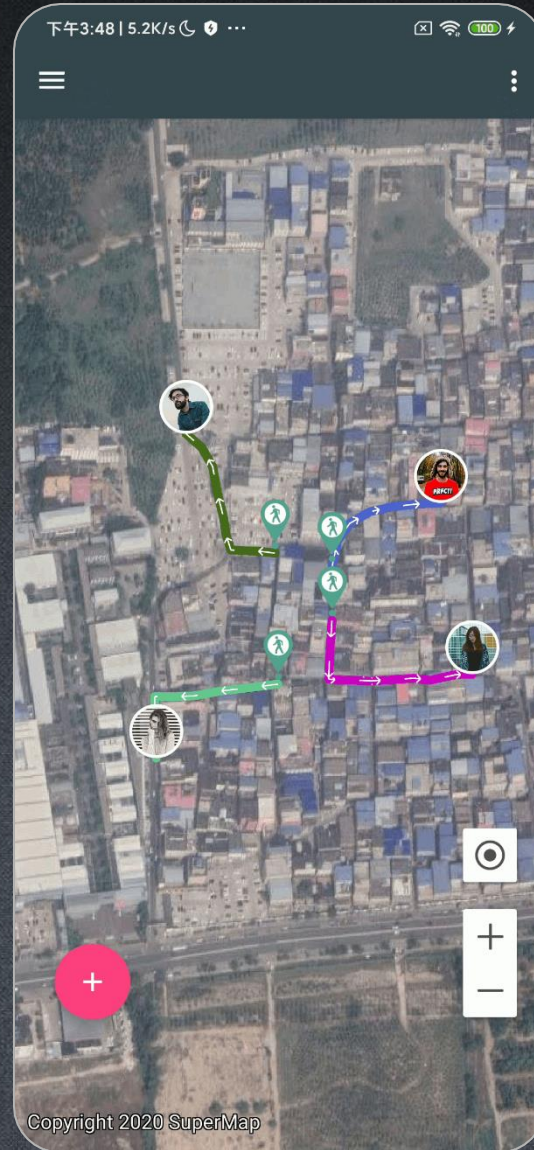
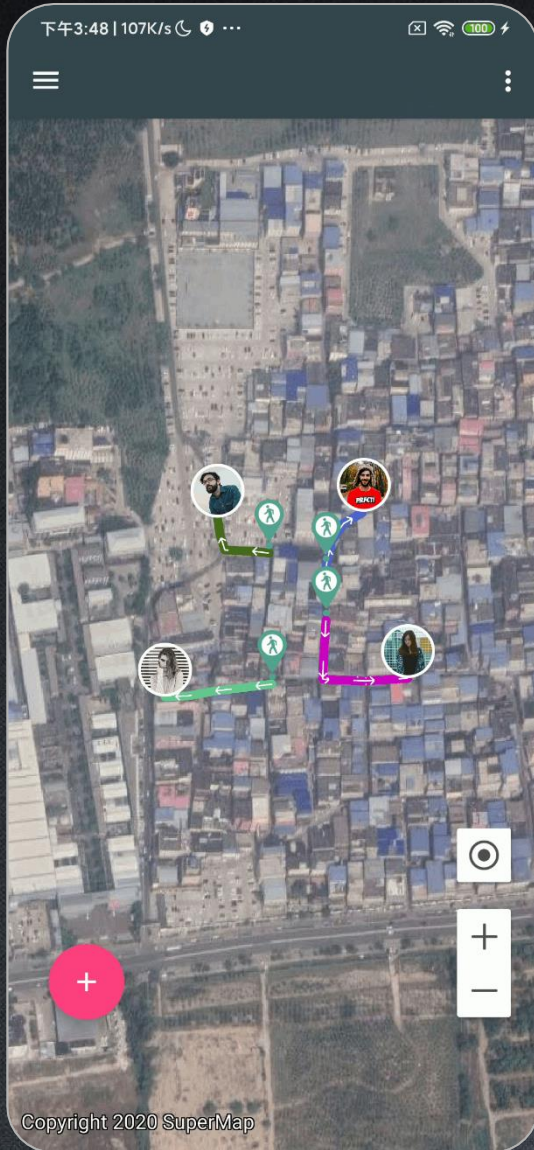


Field Work



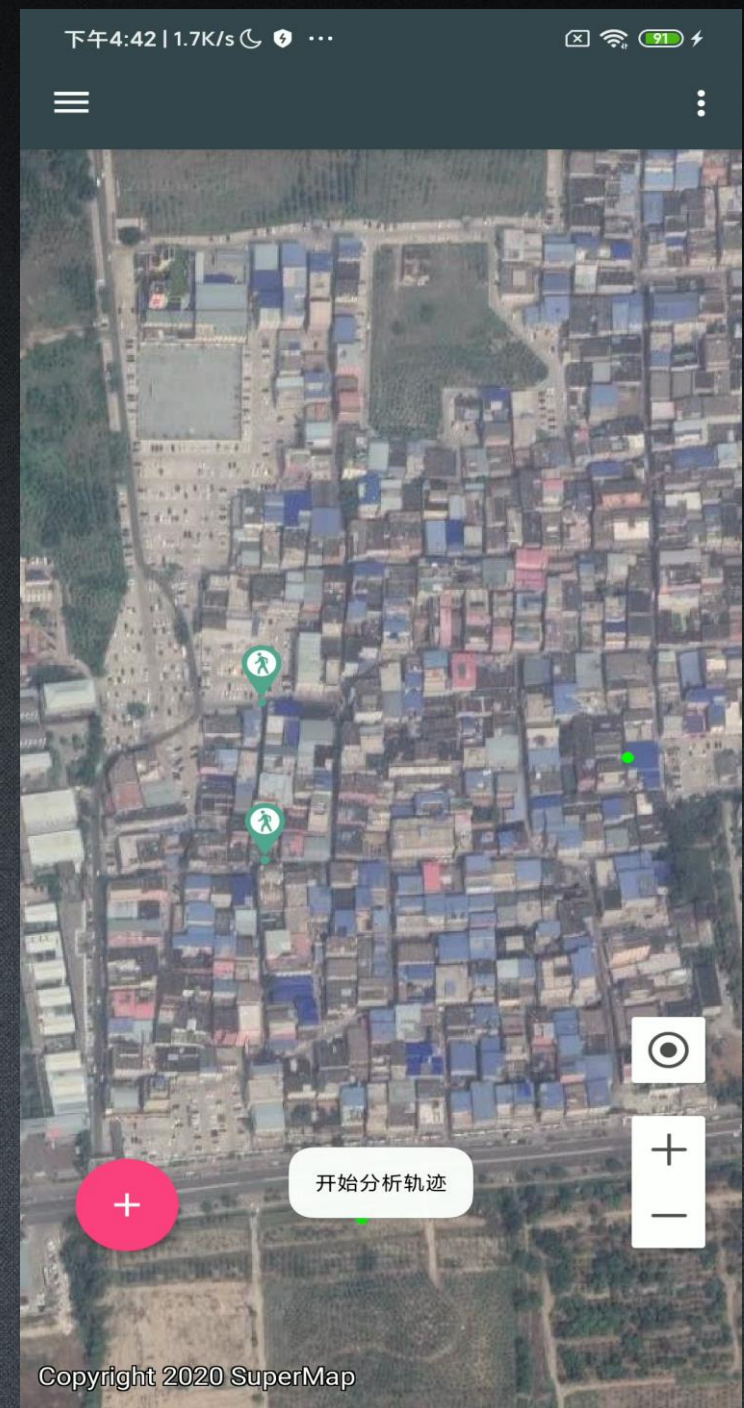
Data Collection
and upload

Multi-user location real-time collection and monitoring

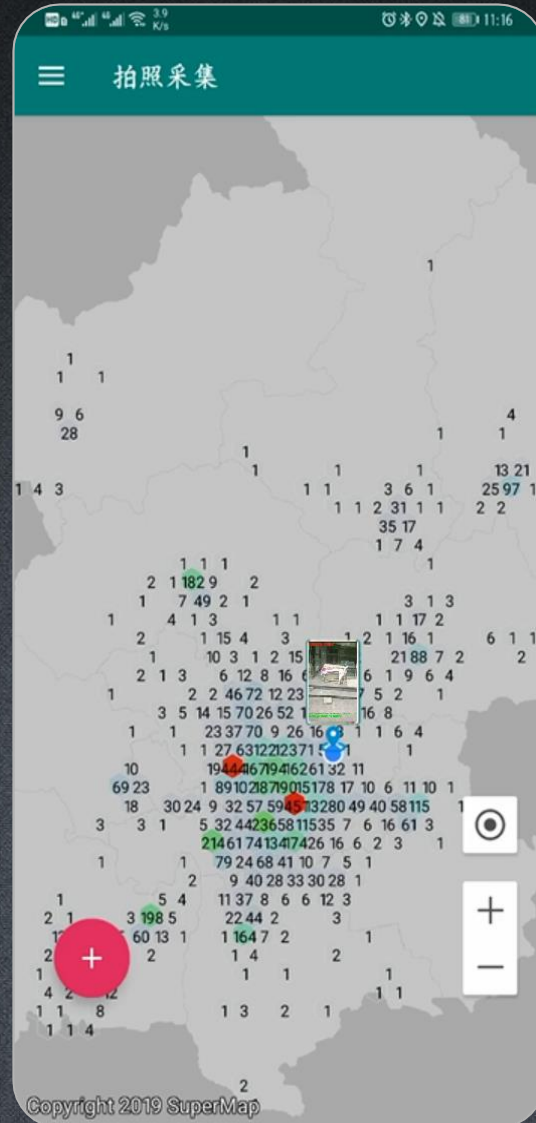
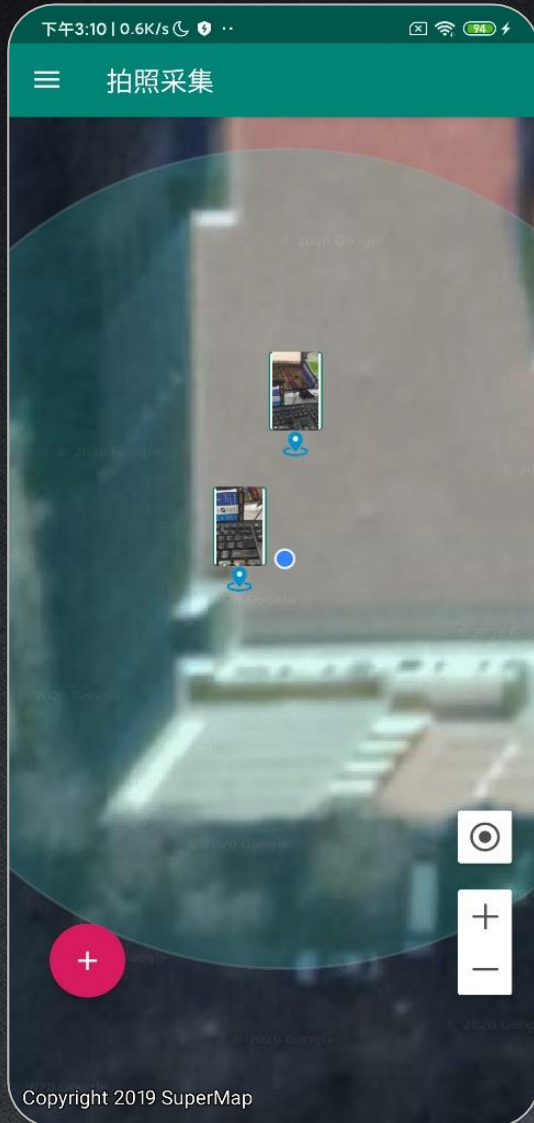


Location data display

Information updated in real time

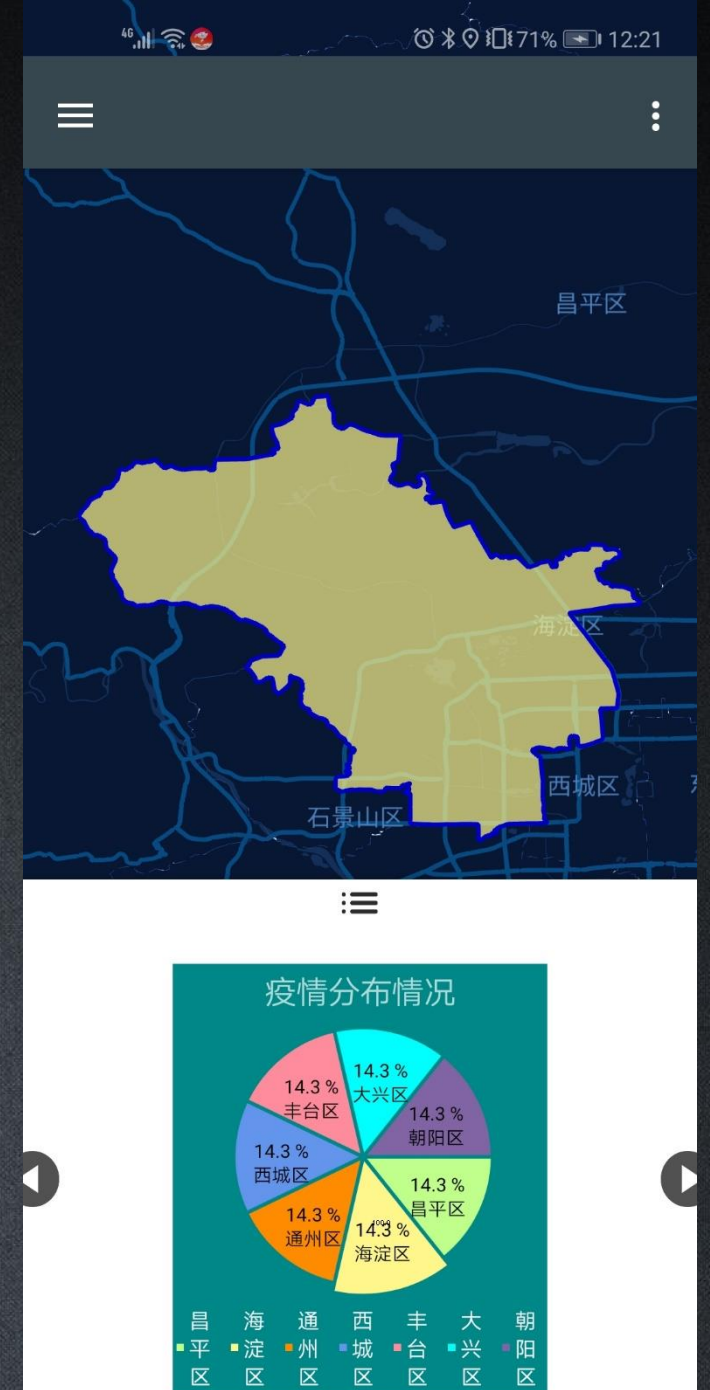


Mobile Data Collection - Field Survey Collection and Online Task Distribution



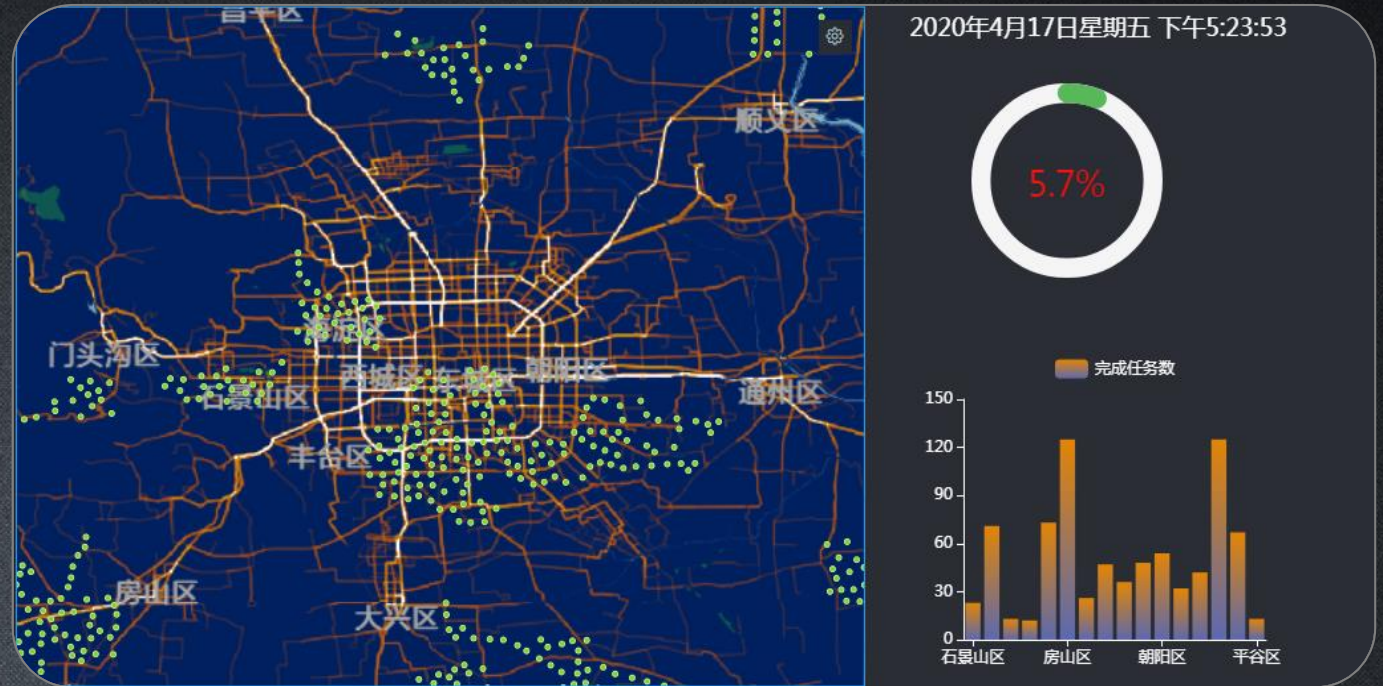
Show results

Thematic map and statistic Analysis



Show results

Thematic Map Statistic Analysis



Multi-terminal collaborative data collection

1 Create a task area group, each member receives the task

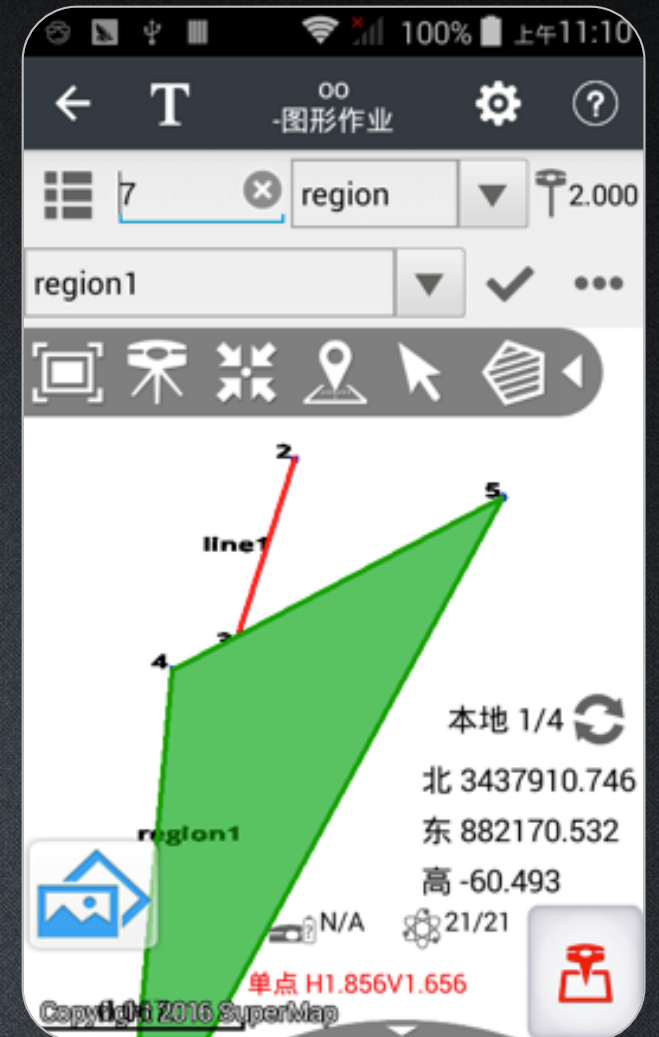
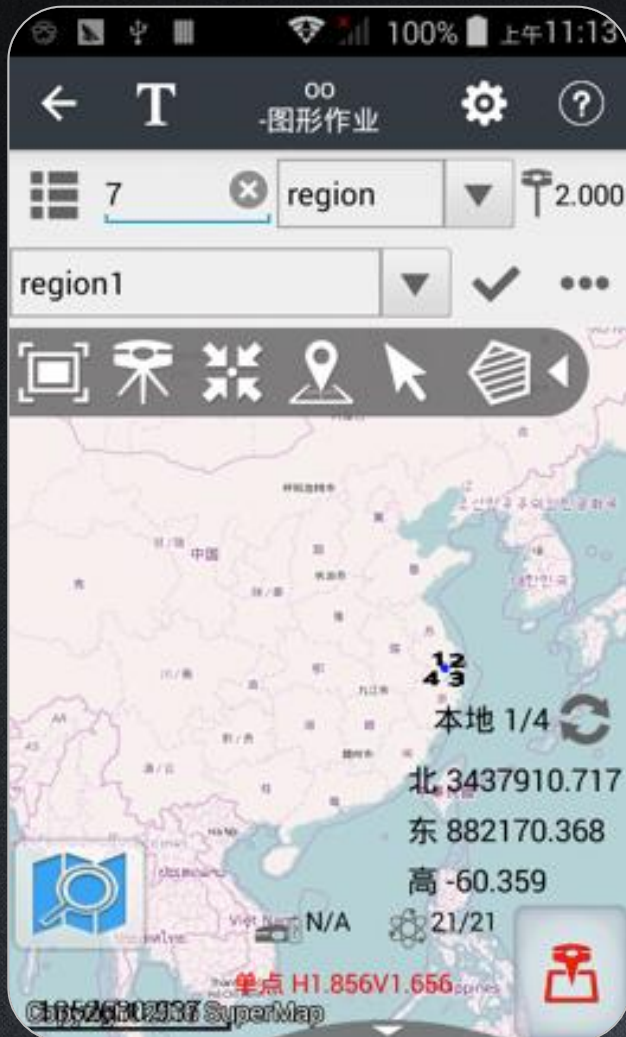
2 Members can view the task completion status of others in the group

3 Members can communicate key information and inform other members

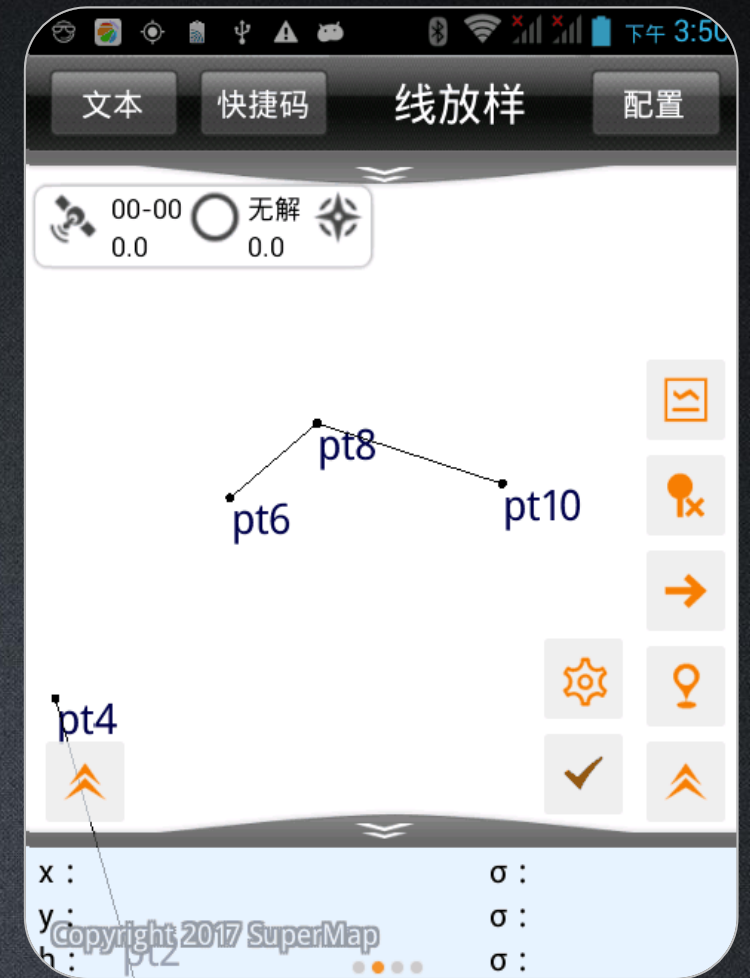
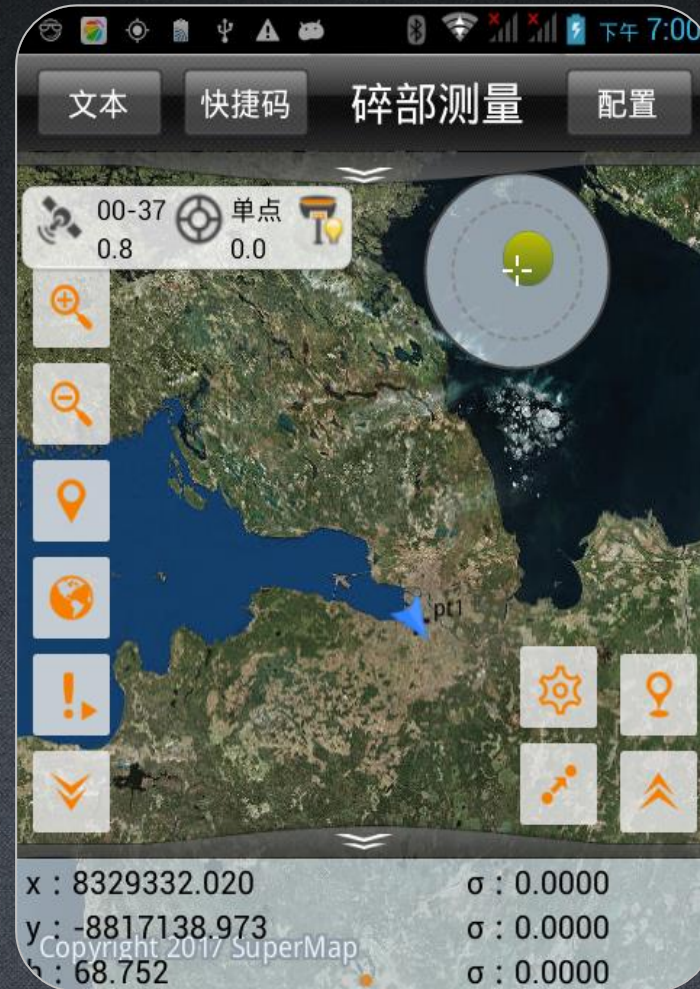
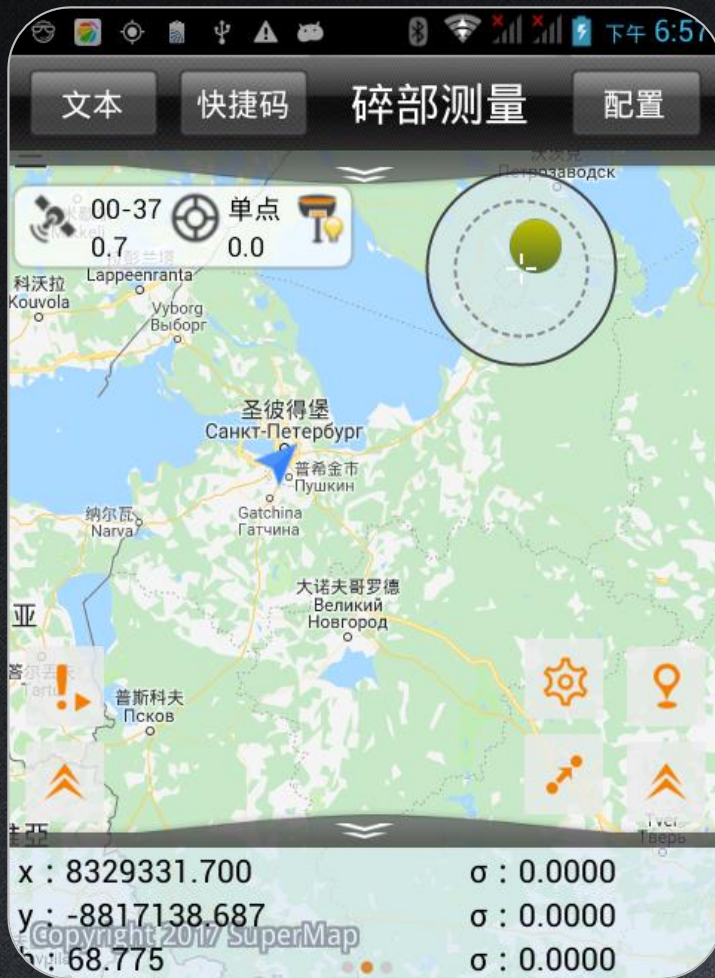
③

Application Cases

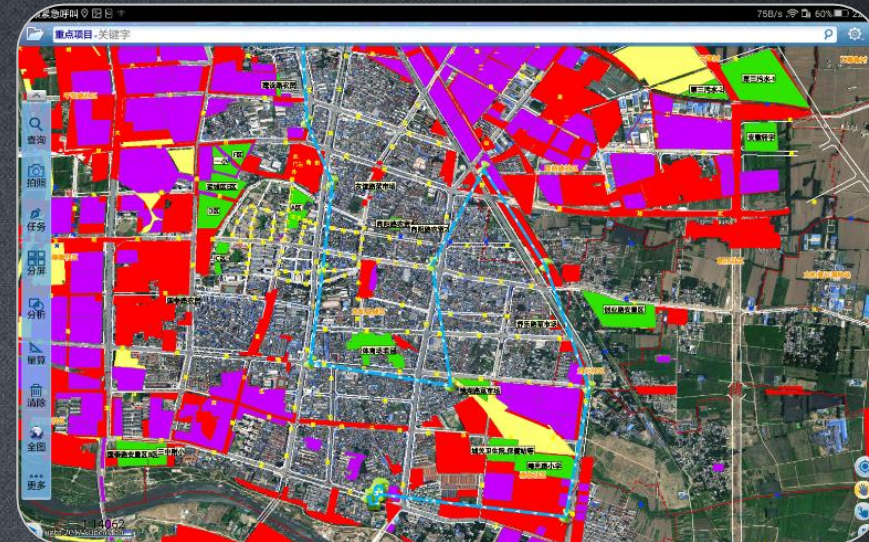
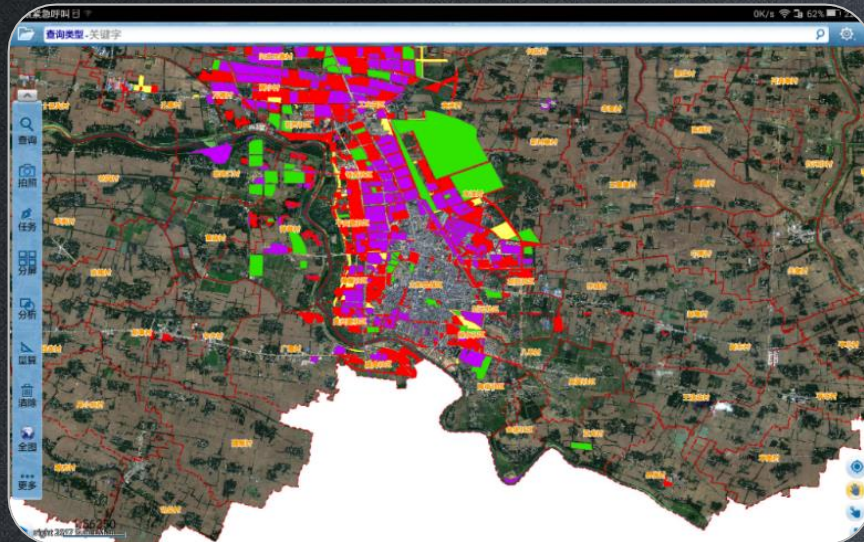
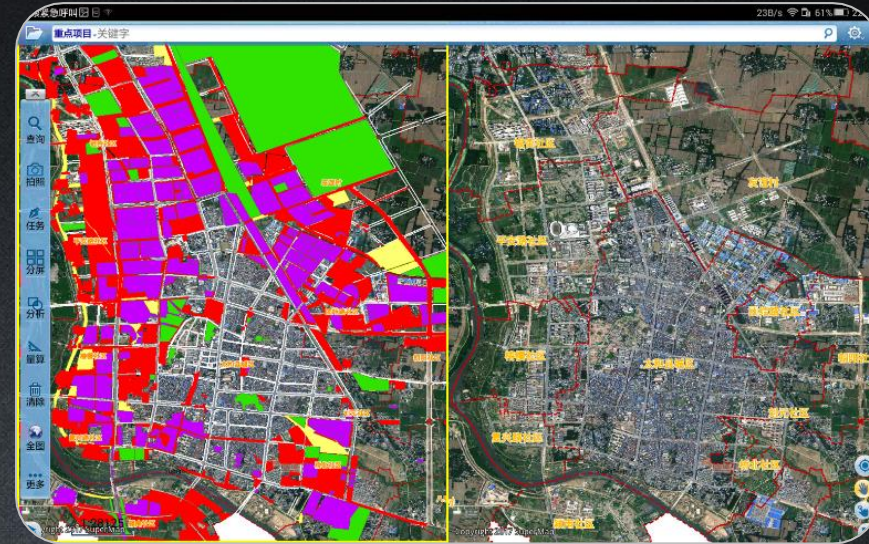
Surveying and Mapping



Connect Satellite Navigation Equipment



One Map for Land use



Multi-Terminal city management application



Display public facility information on the map

Location Information Collection



Collection the polygon of the land

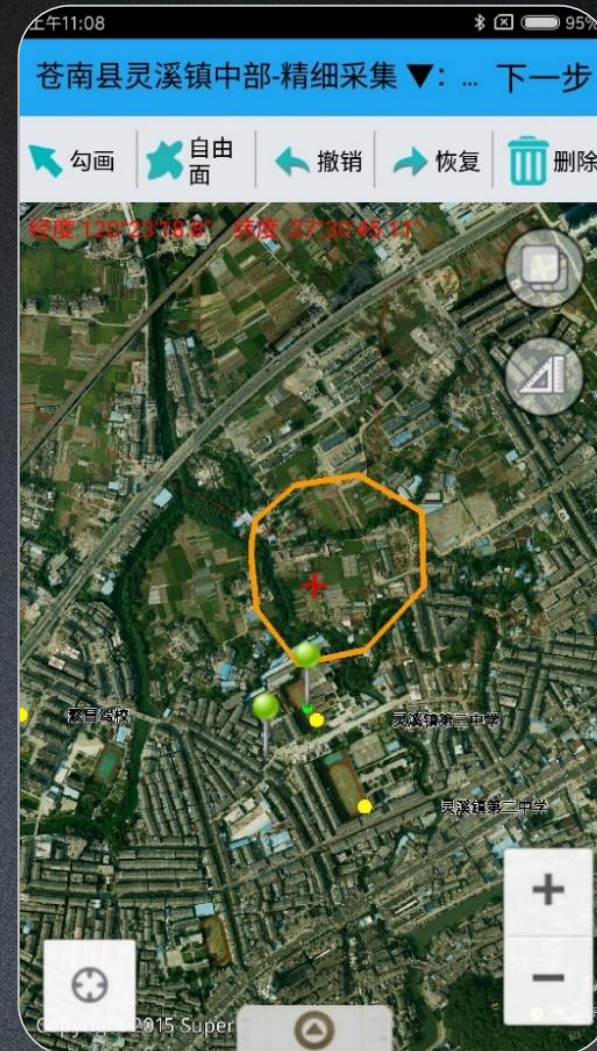


Select the type of the land

Collect residential information

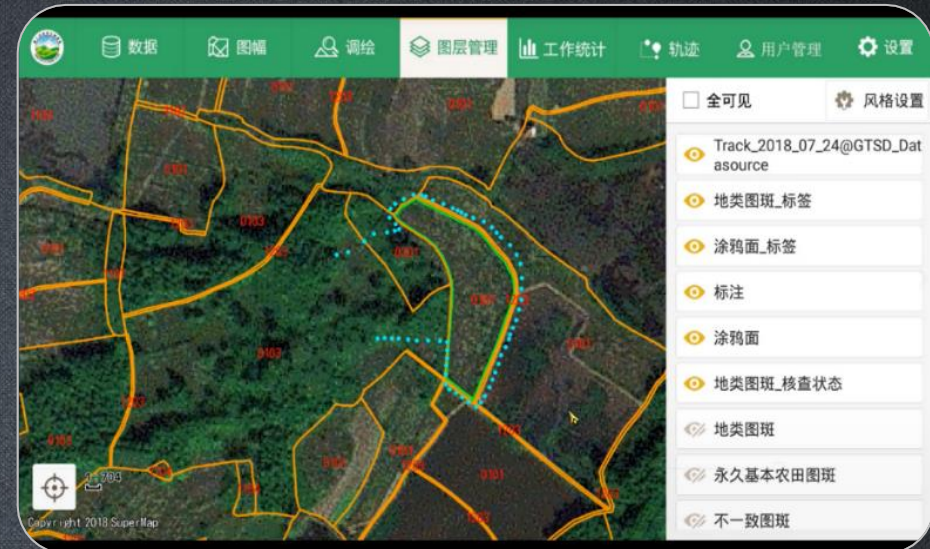
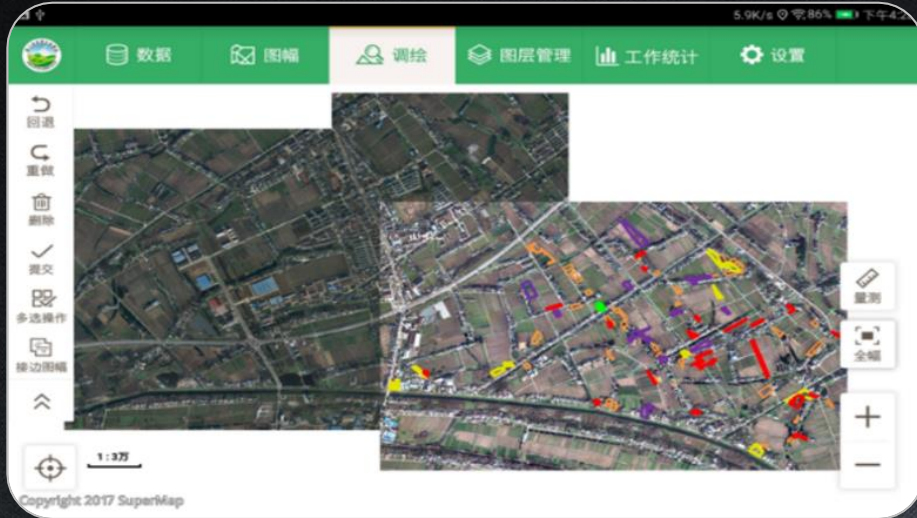


Select the type of the land



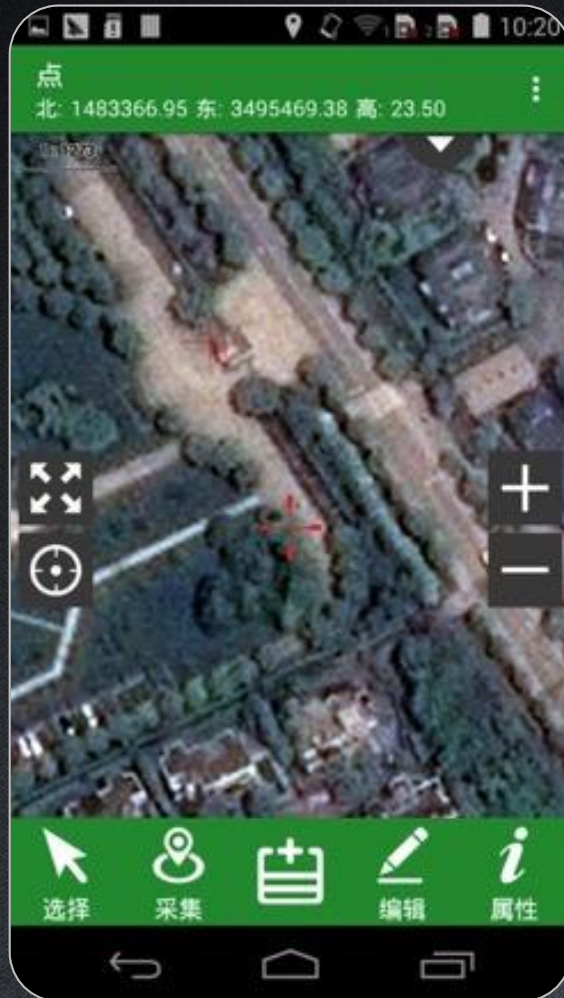
Select the boundary of the land

National Land Survey



Collect the area boundaries and picture of plot and building

Forestry Management



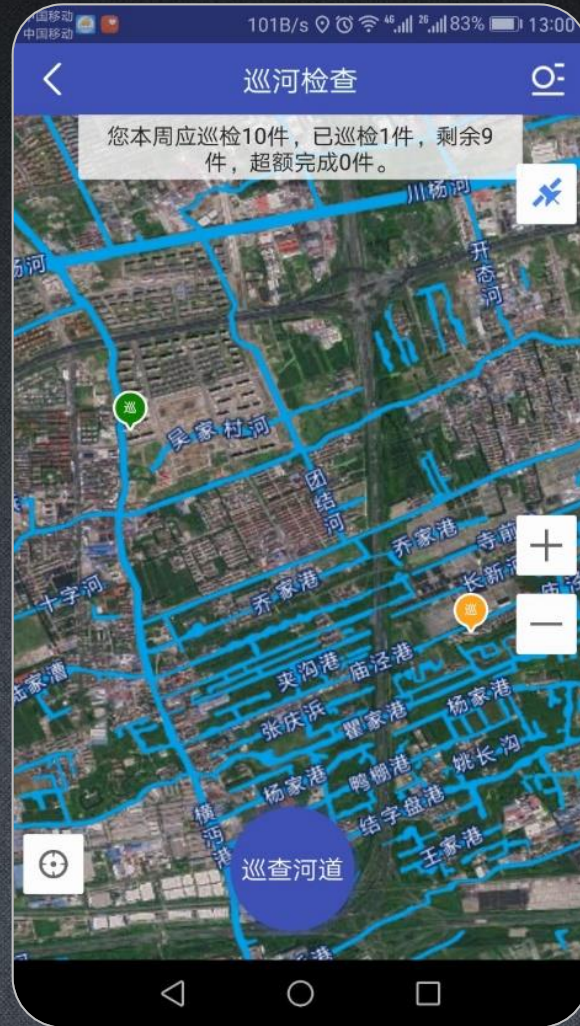
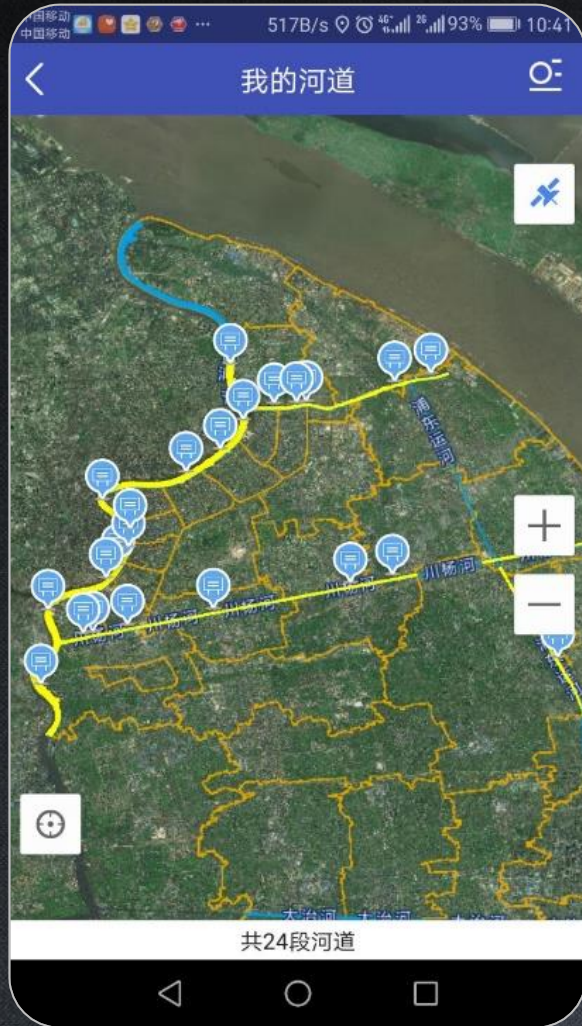
Collect the area boundaries of forest

Yangtze River Shipping Management

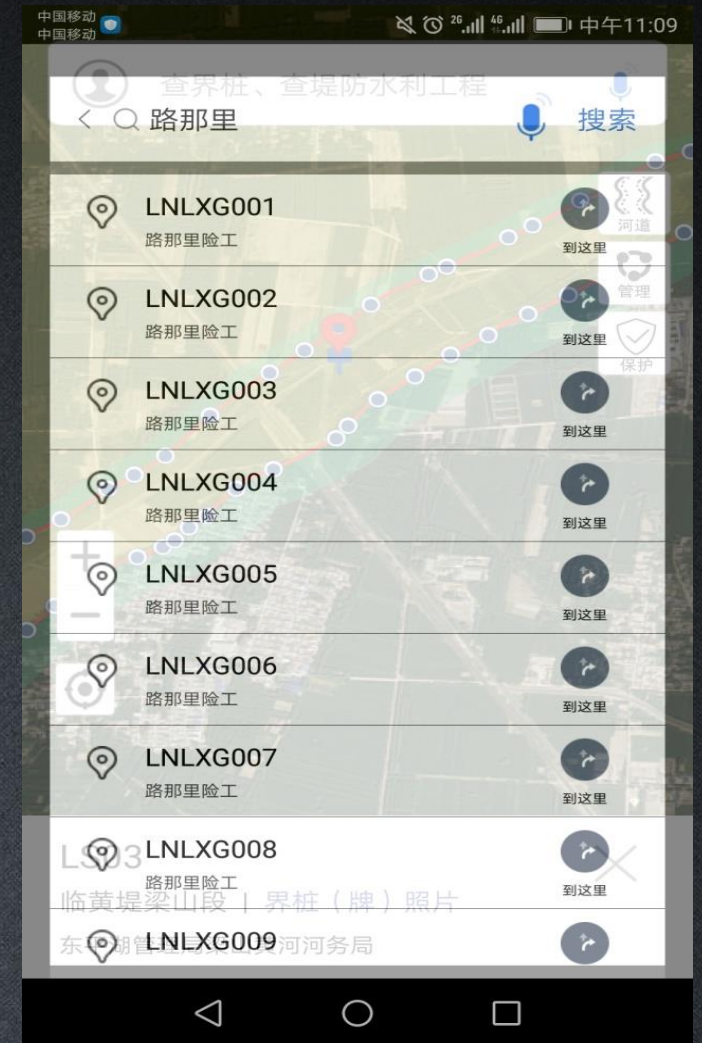
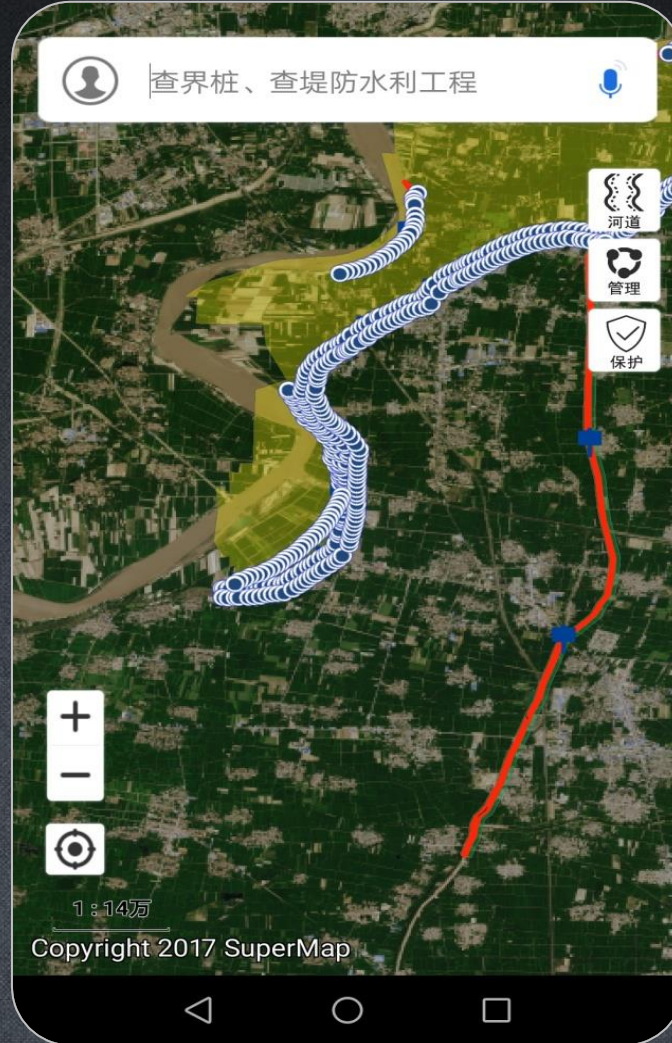
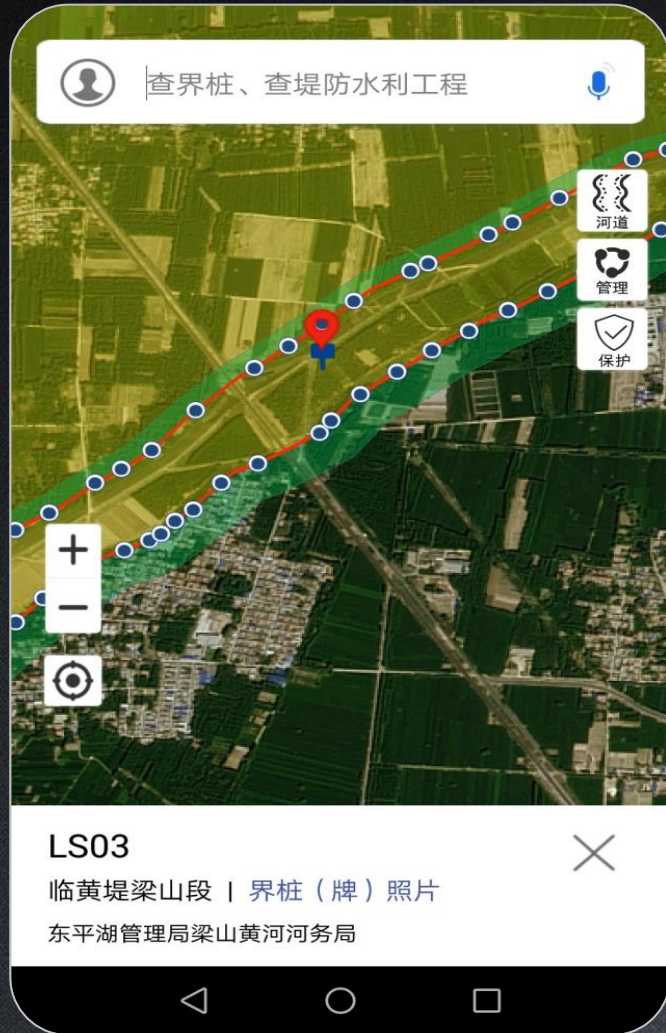


Collect the real-time location of the ship

River Management



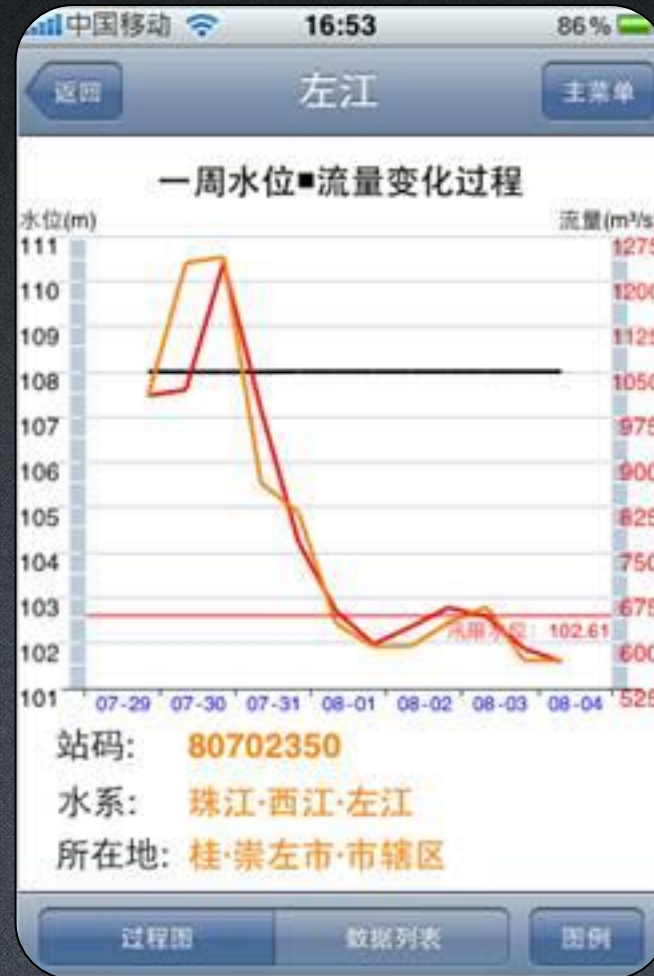
Information collection along the river



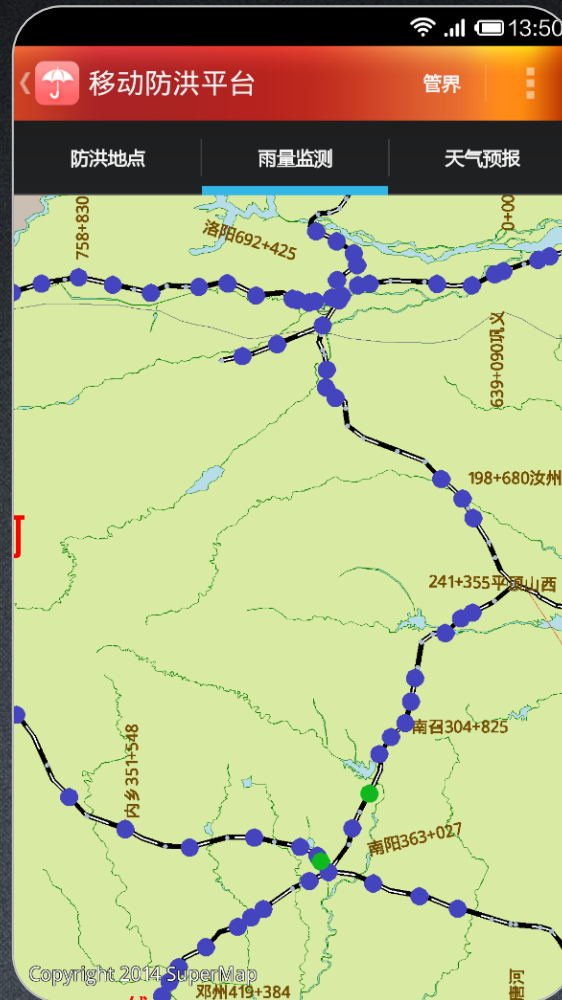
Coastline Monitoring



Hydrological monitoring and early warning platform

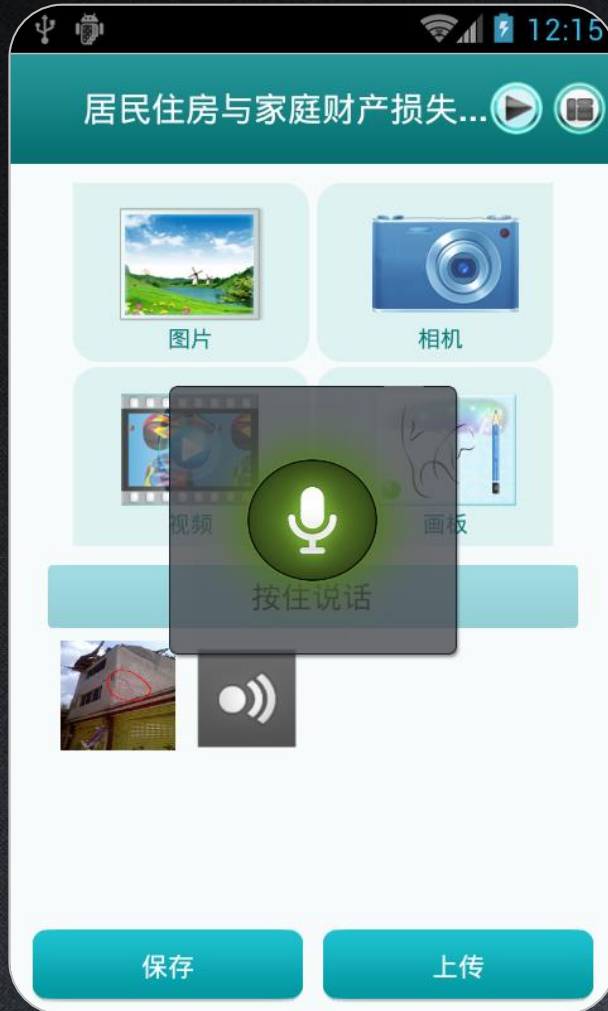


Railway flood management



Upload precipitation information

Disaster Information Reporting



Thank you!