

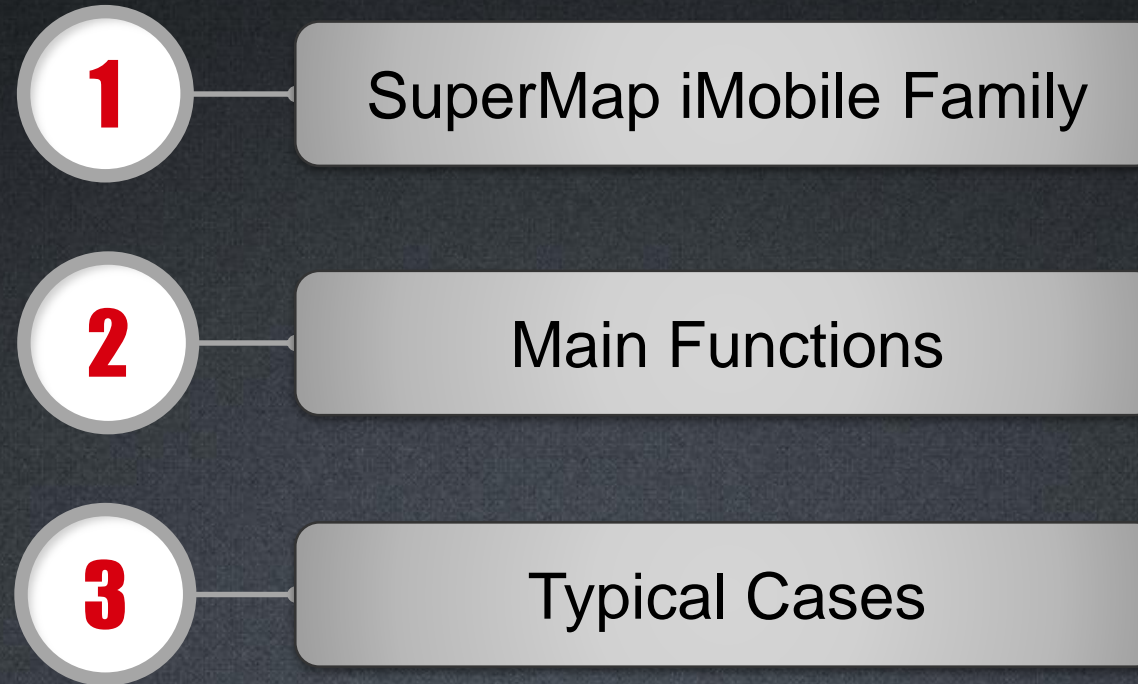
Introduction to SuperMap iMobile

SuperMap Software Co., Ltd.



TO BE THE GLOBAL LEADING GIS

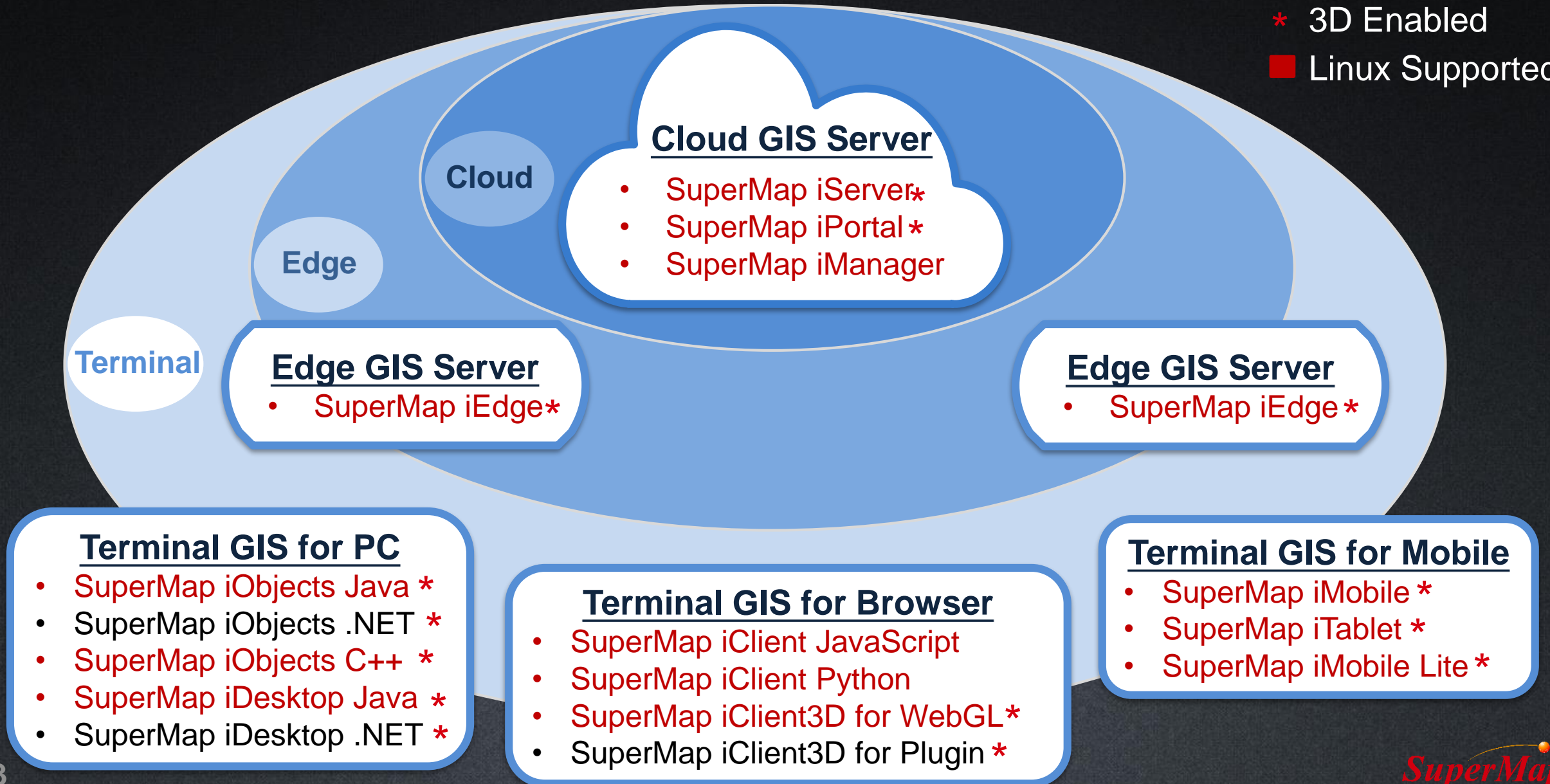
Overview

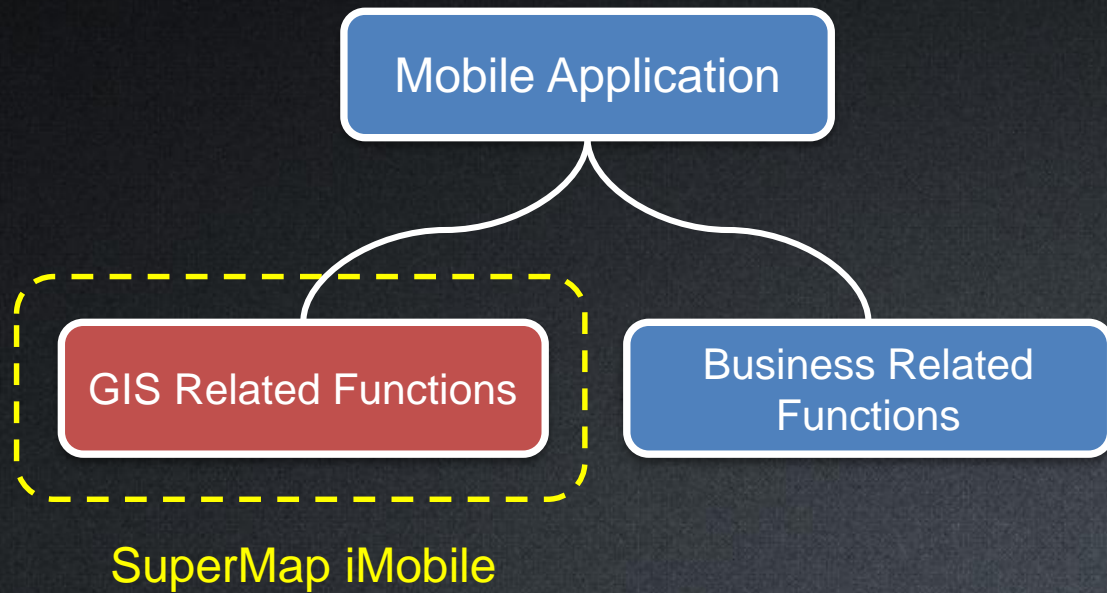


Architecture of SuperMap GIS Platform

* 3D Enabled

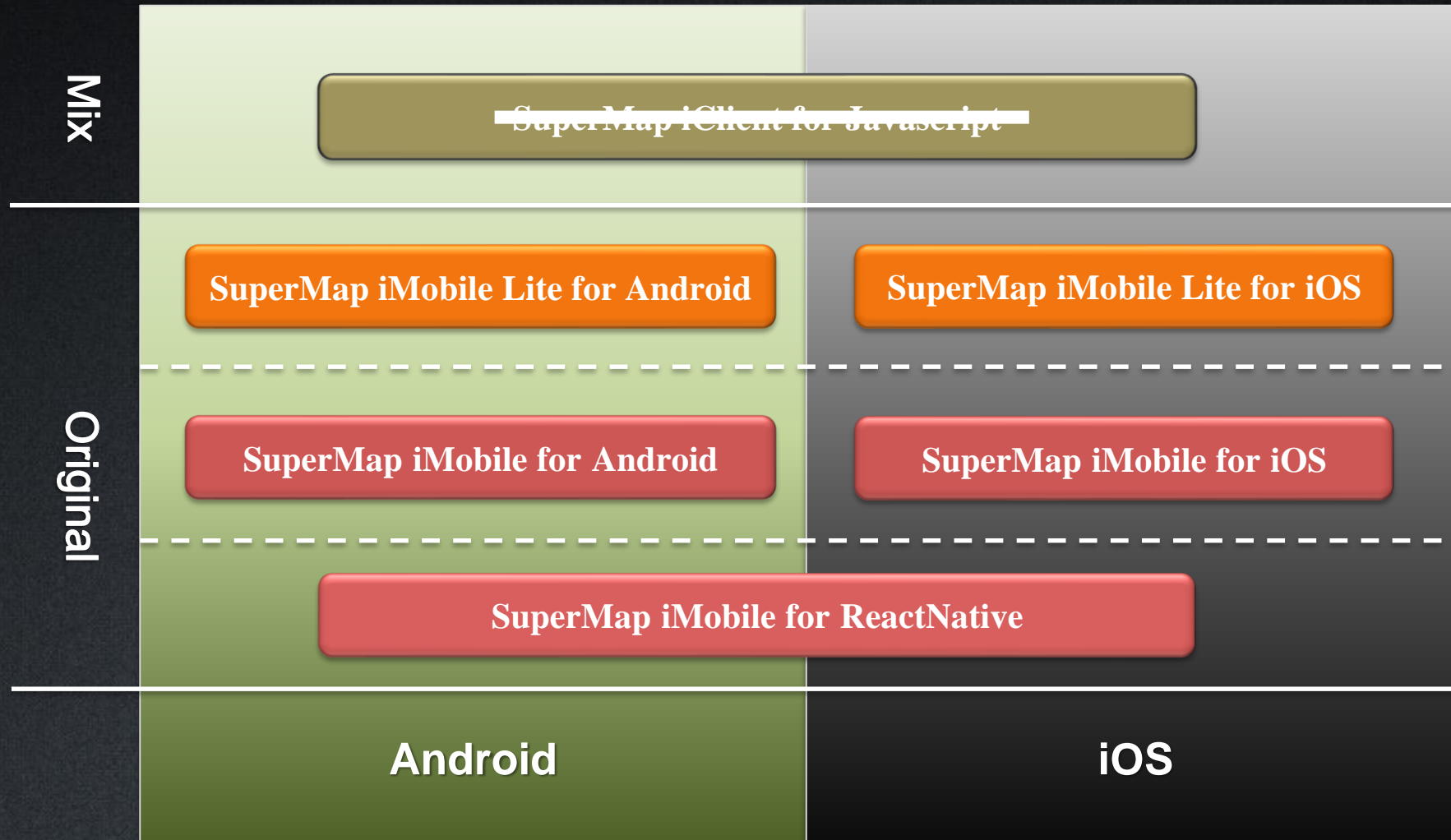
■ Linux Supported



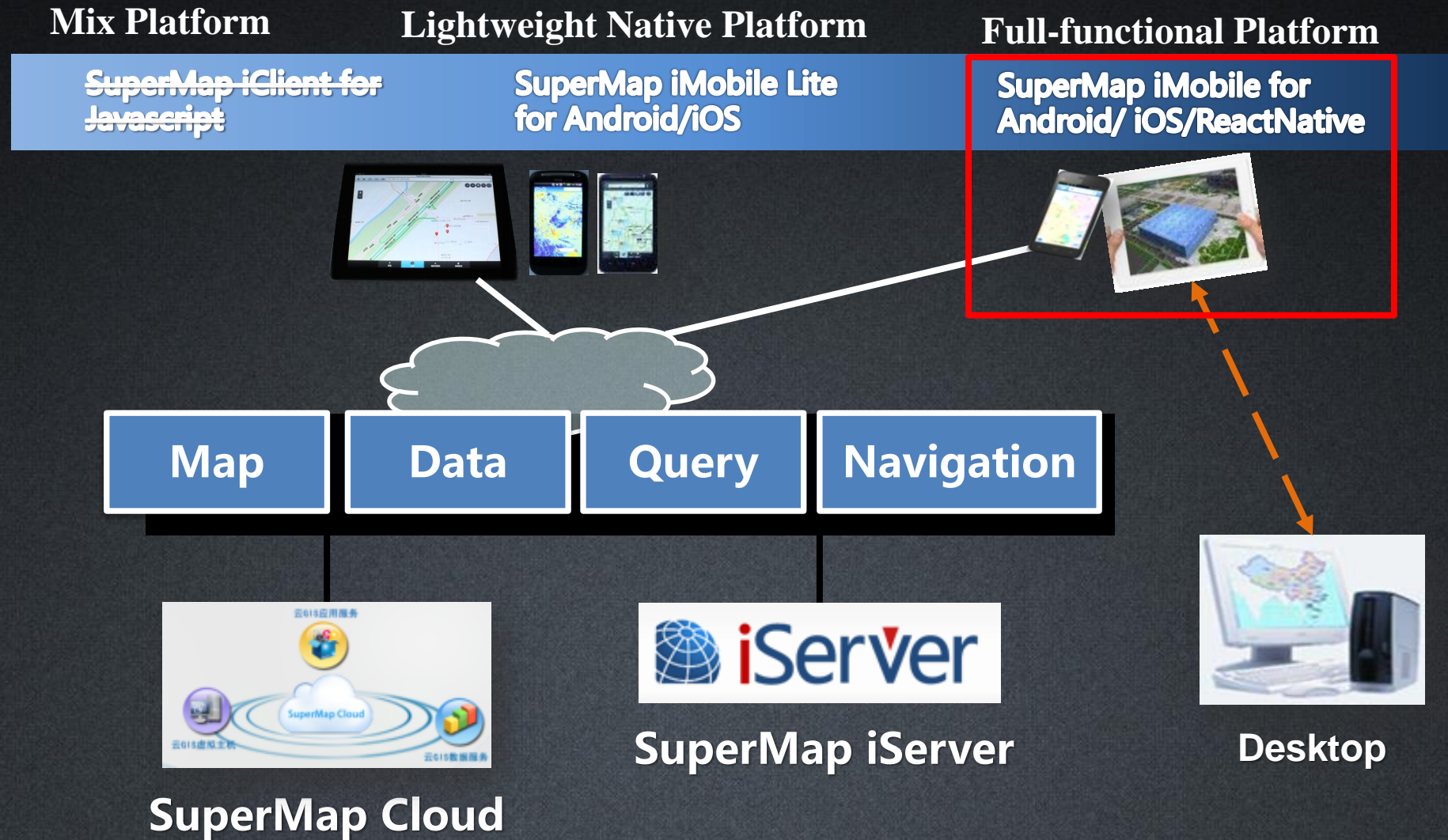


- Professional Mobile GIS Development Platform
 - SuperMap iMobile provides GIS functions of map operations, data acquirement, map editing, spatial analysis, path navigation, etc.
 - Users can quickly construct mobile GIS applications based on this platform, saving the cost of manpower and resources. Users can put more energy on business product development.
 - As long as the functions are related with GIS, they can be handled by iMobile.

SuperMap Mobile Development Platforms



SuperMap Mobile Development Platforms



Comparison of Native Development Platforms

	iMobile	iMobile Lite
Platforms Supported	Android, iOS, ReactNative	Android, iOS
Online or Offline	Online services + offline data	Online servcies
Features	Browsing, editing, query, analysis, navigation...	Browsing, editing, query, analysis, navigation...
3D Enabled	2D and 3D Integrated	Only 2D
Applicable Situations	<p>Network is slow and instable; Incomplete network coverage; Confidential data; Adequate funding</p>	<p>Network is good and stable; Complete network coverage; Data can be disclosed or connected to the network; Inadequate funding</p>

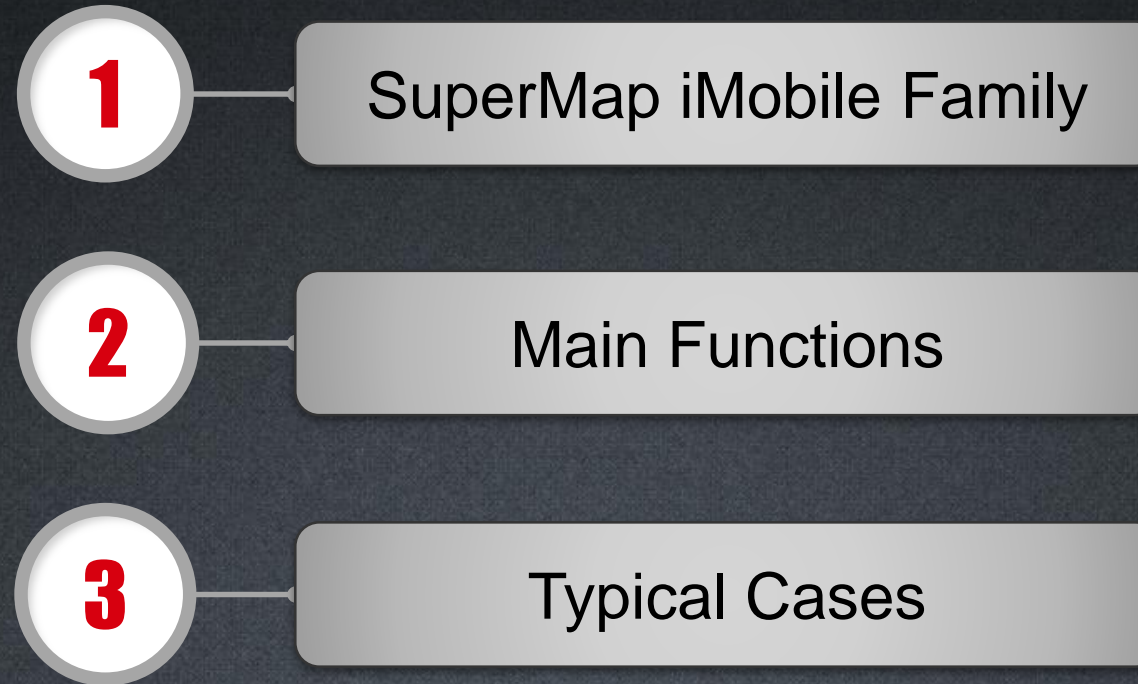
SuperMap iTablet



SuperMap iTablet

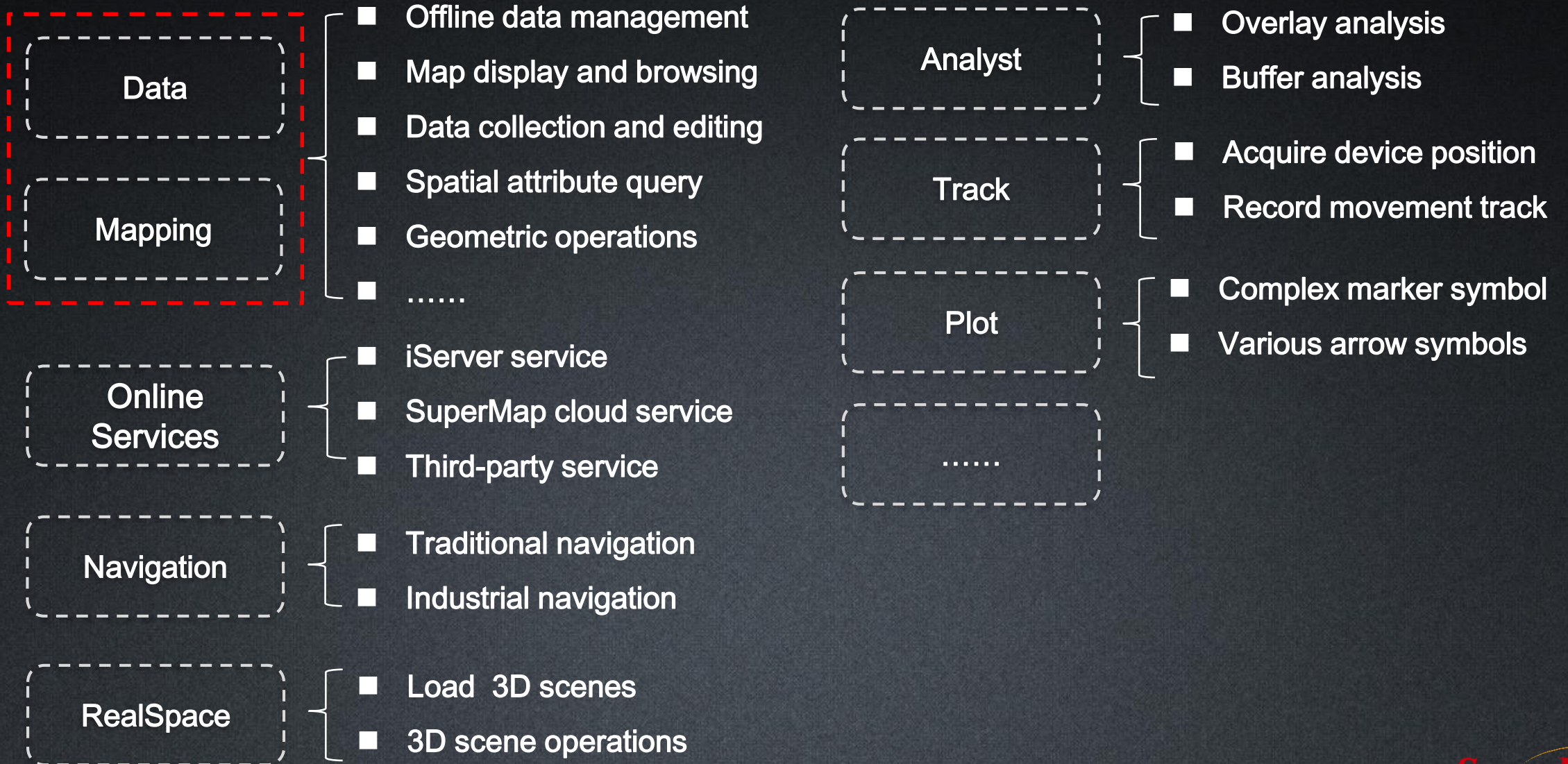


Overview



Main Function Modules

Core Modules



Map Display



Online maps

- OGC standard services
- SuperMap online services
- Multi-terminal data interaction, update and in step



Offline maps

- Vector, imagery data, tile cache
- Query, editing, analysis offline data
- Deploy massive imagery data on terminals



Thematic maps

- Dynamic render and display real-time data
- Various thematic maps
- Dynamic charts



Vector tiles

- SuperMap format vector tiles supported
- Significantly enhanced map performance

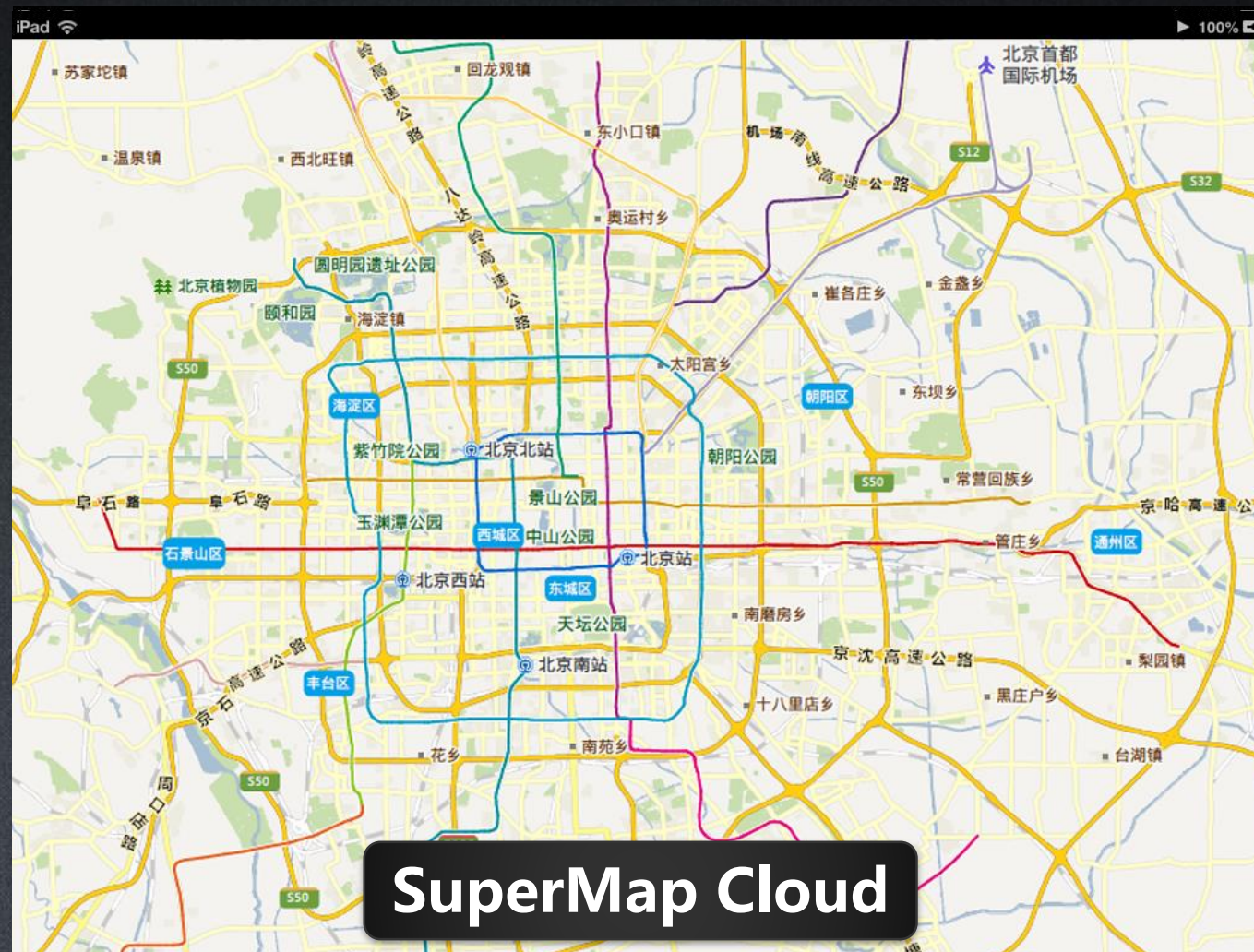
Map Display

Online

Offline

Thematic Map

Vector Tiles



Data Collection and Editing



Manual Plotting

- Point plotting, manual plotting, free-hand plotting, magnifier
- Object editing, query
- Style setting



Multi-media collection

- Collection and browsing of audios, pictures, videos



Track Collection

- 5 collection modes including normal, road-grasp, equal distance, equal time, smart
- Location box, to get high precise location



Data Editing

- Topology editing
- Topology catching

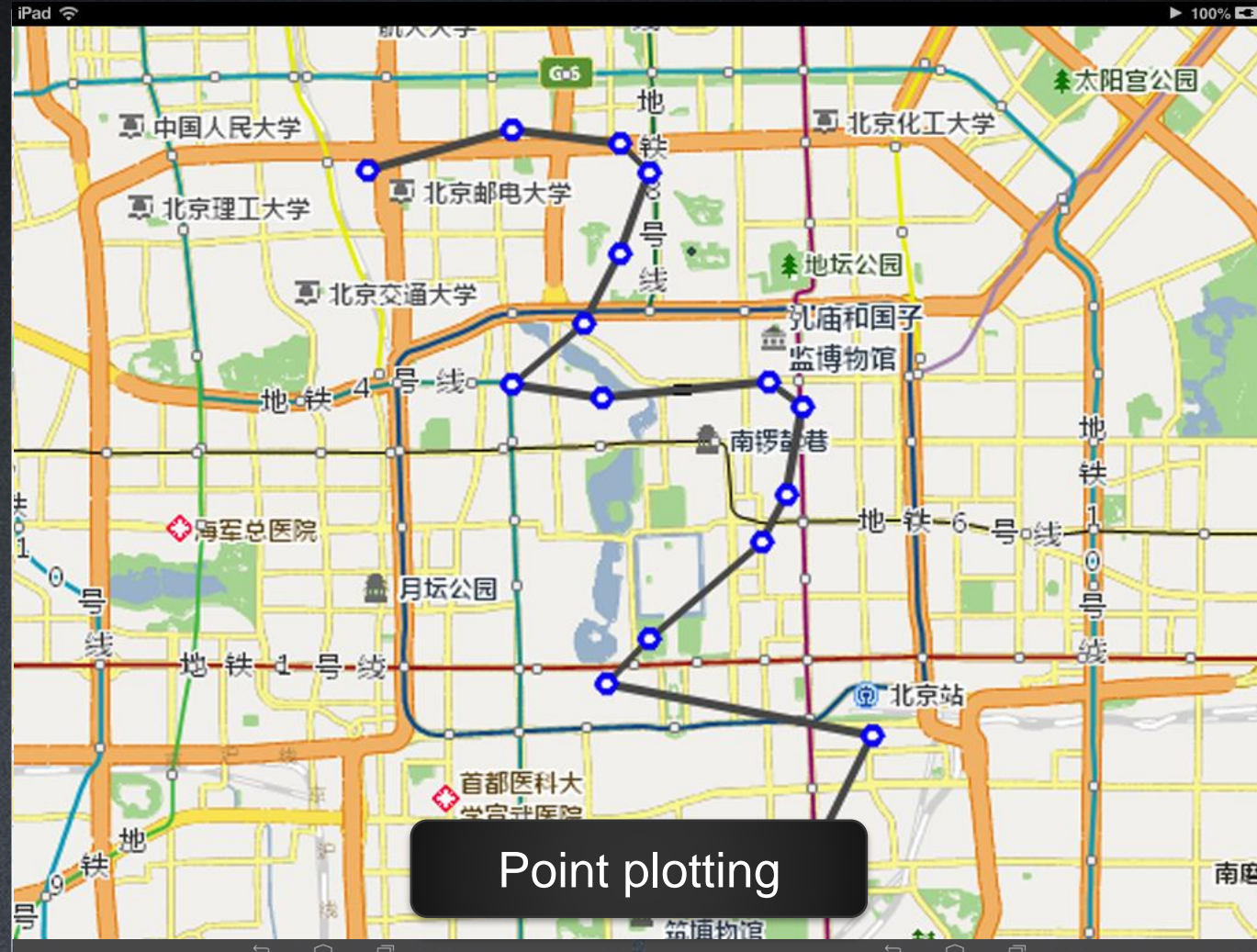
Data Collection and Editing

Manual
Plotting

Track
Collection

Multi-media
collection

Data Editing



Spatial Analysis



Buffer Analysis

- Create buffers for point, line, region datasets or recordsets
- Widely used in transportation, forestry, resource management, urban planning, etc.



Overlay Analysis

- Perform various overlay analysis operations on two datasets or recordsets
- Widely used in transportation, agriculture, environmental protection and other fields



Network Analysis

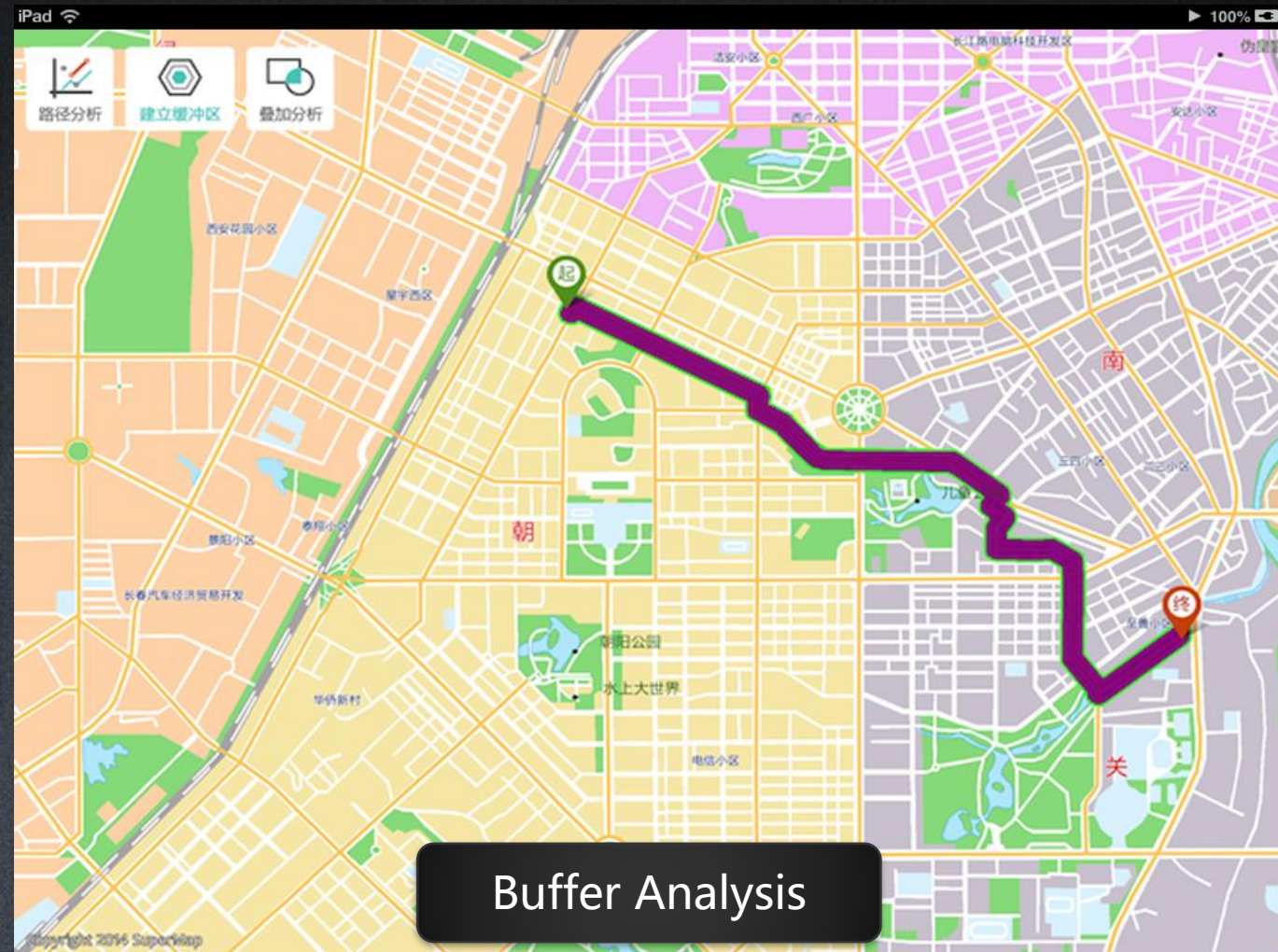
- Construct network by topology, path analysis
- Widely used in route planning, pipeline network analysis, pipeline network inspection and other businesses

Spatial Analysis

Buffer
Analysis

Overlay
Analysis

Network
Analysis



Navigation



Traditional Navigation

- Professional navigation data with no need of self-collection
- Multiple path analysis modes



Industrial Navigation

- Self-owned GIS data navigation
- Custom traffic rules
- Multiple path planning modes



Indoor Navigation

- Free switch among floors
- Cross-floor navigation

Navigation

Traditional
Navigation

Industrial
Navigation

Indoor
Navigation



Mobile 3D



3D Scene Display

- Online, offline 3D scene display, browsing, and query
- Customized flying display



3D GIS Analysis

- Visibility analysis, viewshed analysis, ...
- Distance, area measurement



KML Files

- File loading, saving
- Vector/model object adding



Oblique Imagery Data

- Direct online, offline browsing with no need of conversion
- Support model selection and highlighting and attribute query

Mobile 3D

3D Display

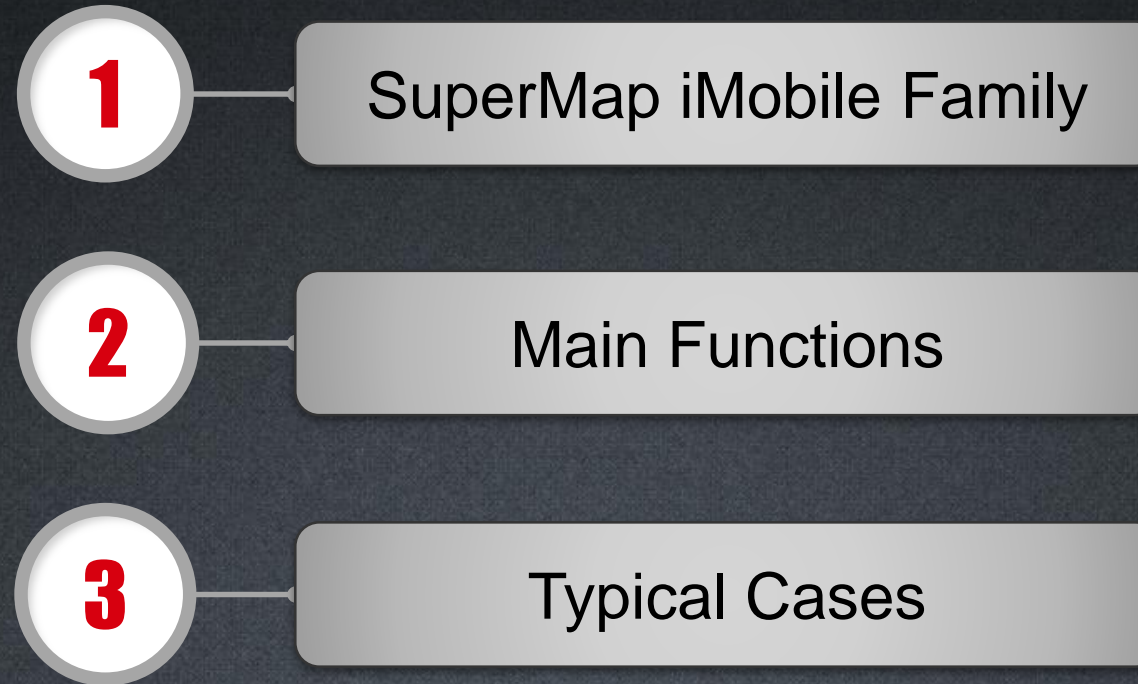
3D Analysis

KML Support

Oblique
Imagery



Overview



Digital Campus



Digital Campus

Application Scenarios:

Provides the browsing function of the map of the campus, including the 2D map, 2.5D map, and 3D map.

Main Businesses:

1.) Welcome service
2.) Classroom query
3.) Campus news
4.) Campus activities
5.) Campus celebration activities

iMobile Functions:

1.) Map display
2.) Spatial query and attribute query

Smart City — Urban Management



Smart City — Urban Management

Application Scenario:

Mainly targeted at relevant departments of the city appearance. Clients are allowed to conduct inspections on various components and events of the city's main roads and open housing communities. Also, clients are allowed to conduct real-time monitoring and assessment of the daily inspection personnel.

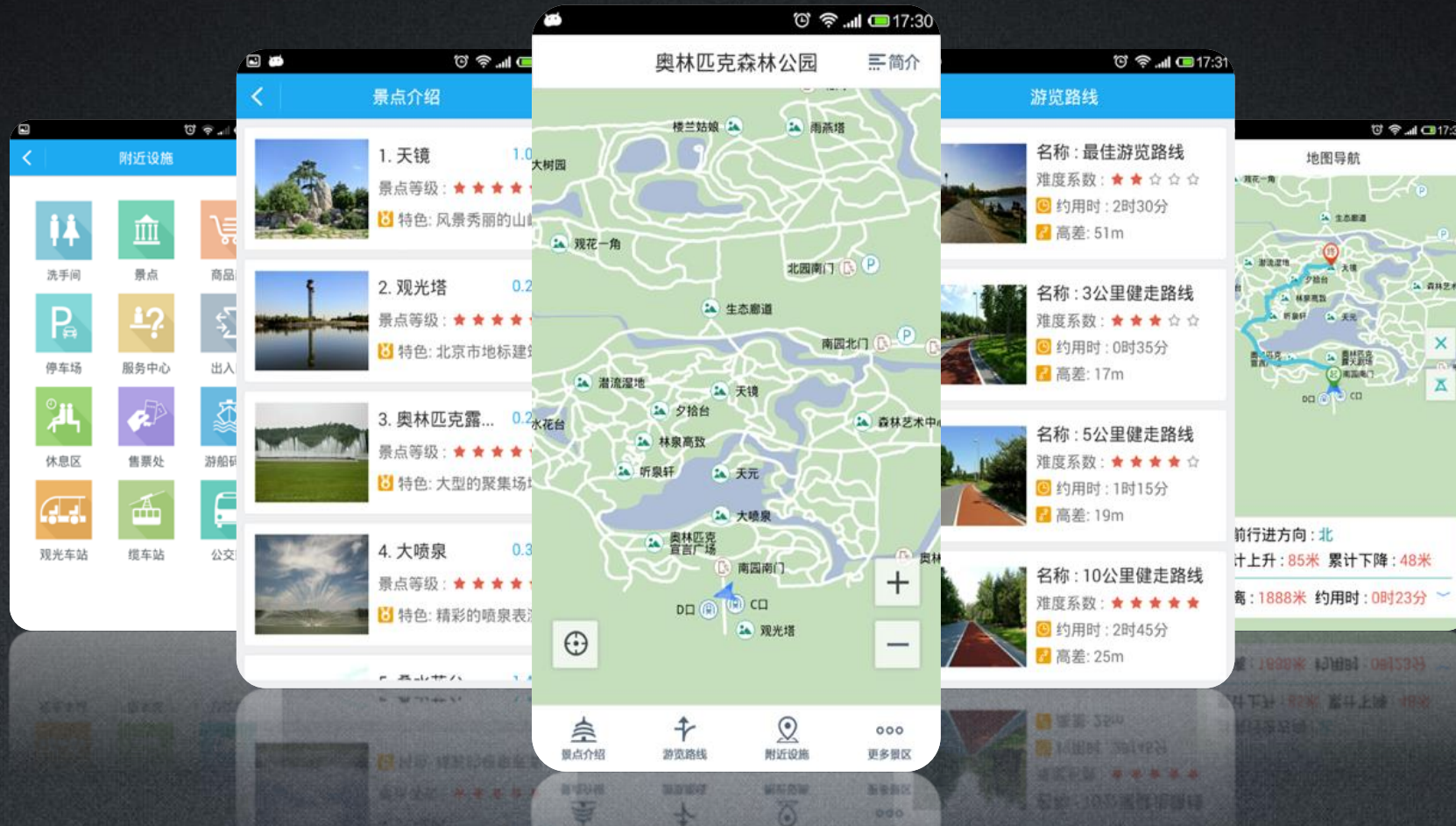
Main Businesses:

1.) File reporting
2.) Component verification
3.) Event verification
4.) Inspection personnel assessment

iMobile Functions:

1.) Map loading, vector + imagery
2.) Spatial query
3.) Coordinate transformation

Scenic Area Navigation



Scenic Area Navigation

Application Scenario:

Map location and walking navigation in scenic spots

Main Businesses:

- 1.) Sorting of scenic spots in the scenic area
- 2.) Route recommendations
- 3.) Detailed introduction of scenic spots
- 4.) Walking navigation in the scenic area
- 5.) Searching of around facilities

iMobile Functions:

1.) Vector map loading
2.) Spatial query and attribute query
3.) Voice navigation when walking

Post-earthquake Verification System



Post-earthquake Verification System

Application Scenario:

Investigate the damage to the ground features after earthquakes.

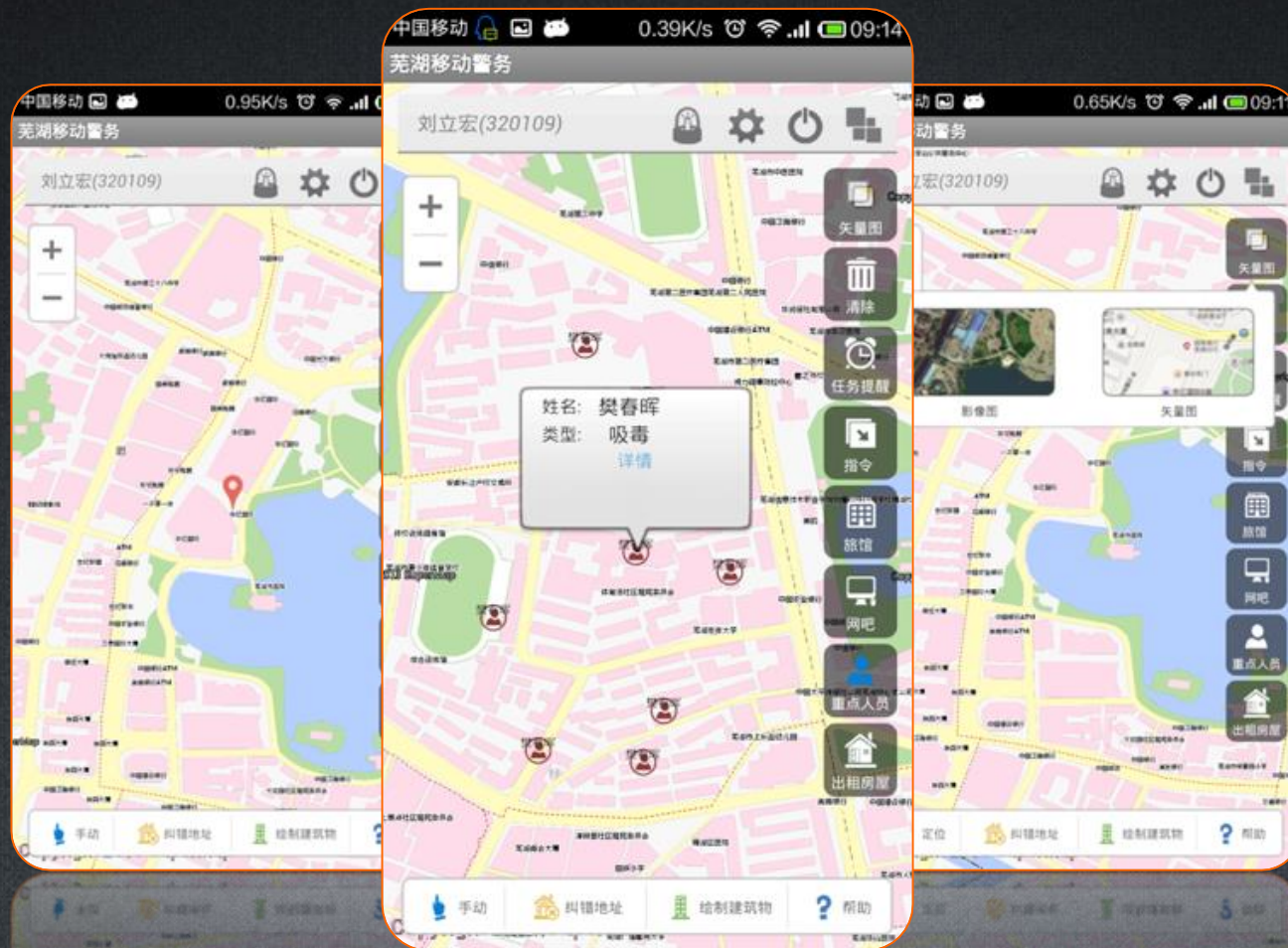
Main Businesses:

1.) Record the disaster situation
2.) Collecting data for the affected area
3.) Collect multimedia data of the affected area

iMobile Functions:

1.) Map data loading, vector + imagery
2.) Data acquisition and editing
3.) Multimedia data acquisition
- 4.) Multi-terminal cooperative operation

Mobile Police Management System



Mobile Police Management System

Application Scenario:

Monitoring of entertainment places and related personnel

Main Businesses:

1.) Query on hotels, internet cafes, etc.
2.) Location monitoring of key personnel

iMobile Functions:

1.) Network map loading
2.) Spatial query and attribute query
3.) Data collection and editing

Thank You!

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