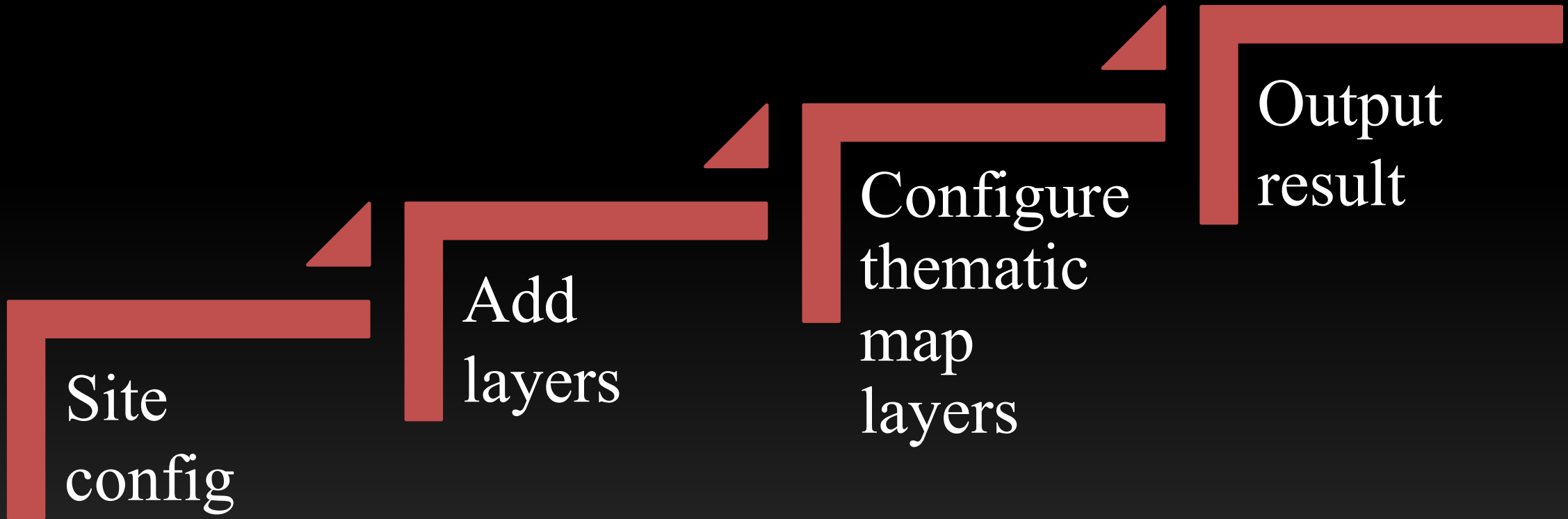




Construct Portal with SuperMap iPortal – Data Visualization

SuperMap Software Co., Ltd.

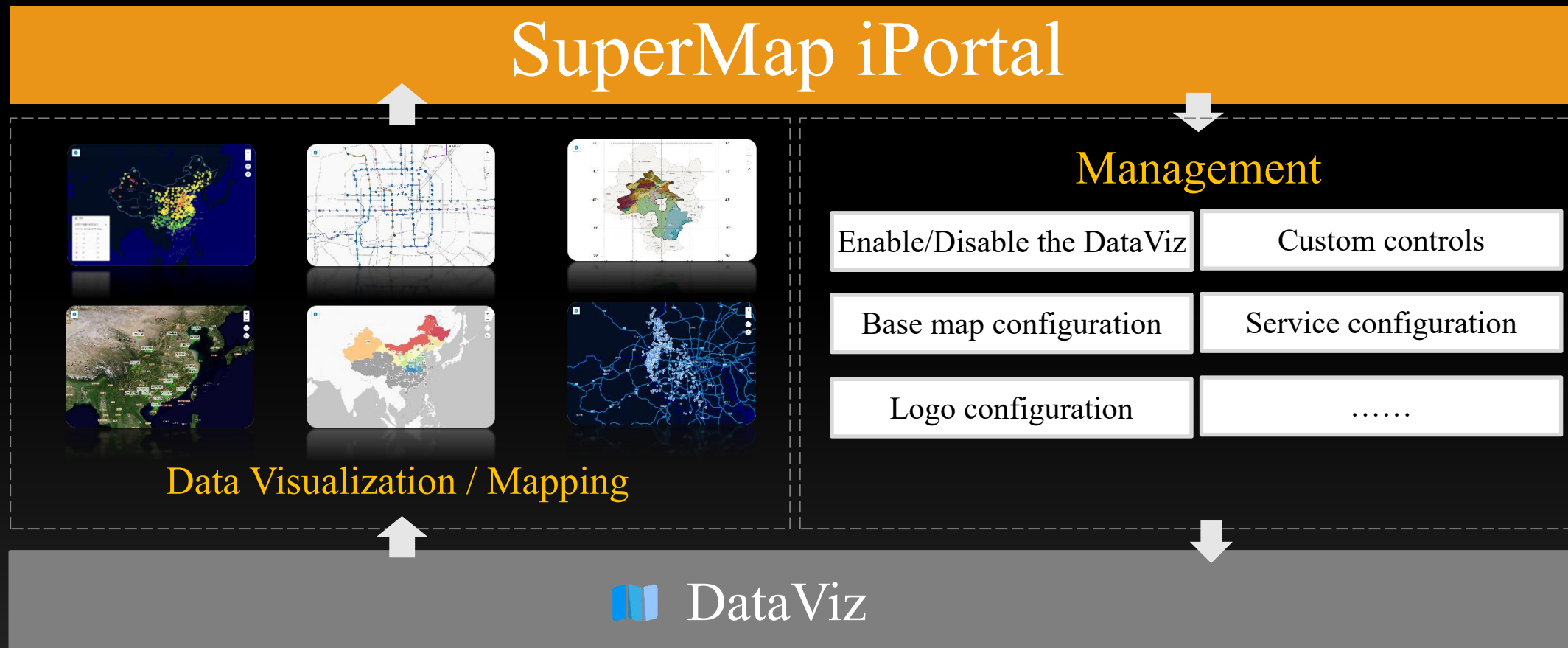
Create a Thematic Map by DataViz



Create a Thematic Map by DataViz



Site config for data visualization



Site config for data visualization

iPortal [Home](#) [Site Config](#) [Resources Management](#) [Server Management](#) [Portal Statistics](#) [Logs](#) [Security](#) [Task](#) [License](#) [Admin ▾](#) [Help](#) [English ▾](#)

[Homepage](#) [Personal Center](#) [Apps config](#) [DataViz](#) [DataInsights](#) [Map Styler](#) [Default Thumbnail](#) [Directory Management](#) [Register Management](#) [Email Notifier](#)

DataViz Setting [Save](#)

[Default Basemap](#)

[Select All](#) [Delete](#)

[+ Add Internet map](#) [+ Add more](#) [+ Custom](#)

Layer

You can drag one map to change its display order.

Add Controls

Map Settings

Logo

Storage Directory

Service Settings



☐ OpenStreetMap

[+ Drag](#)

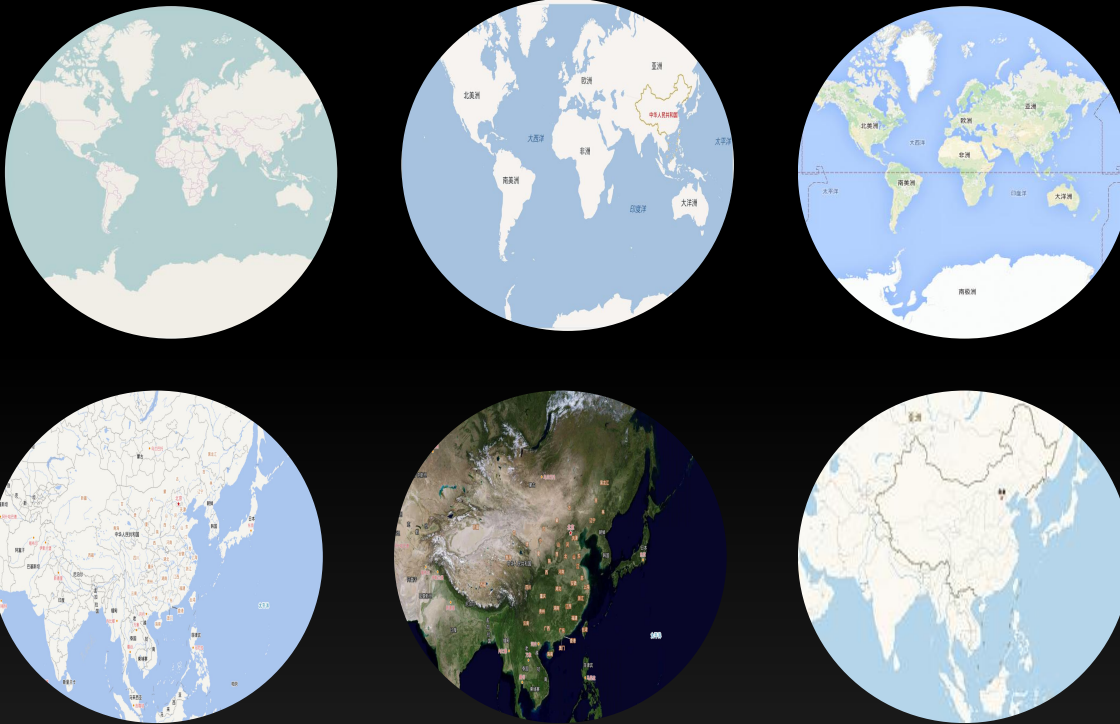


☐ Amap

[+ Drag](#)

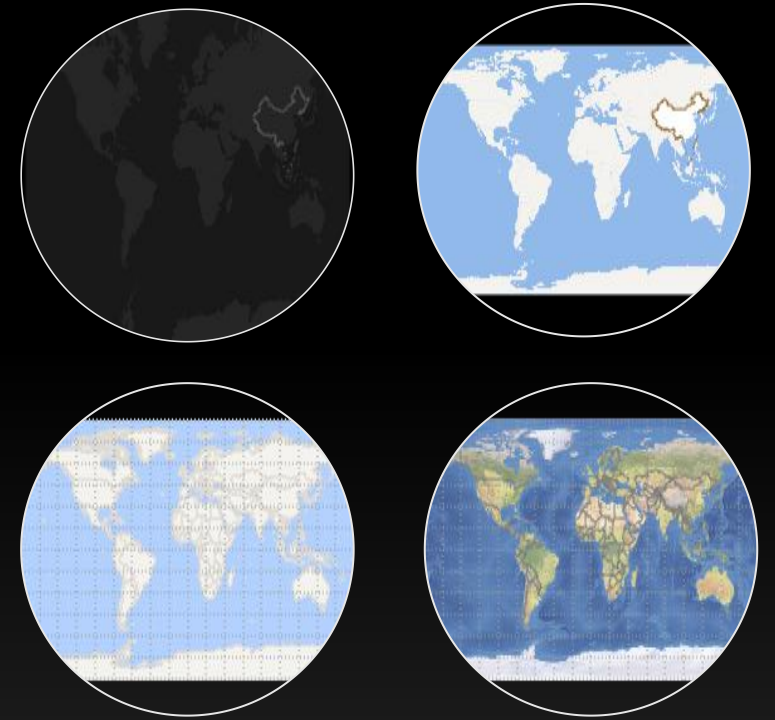
Built-in Base maps

Internet Maps



We can choose any map from these Internet maps

iServer maps registered to iPortal Customized base maps



iServer map services, OGC WMS

Create a Thematic Map by DataViz



Add From File

- Supports several data formats that are common in the industry:
 - CSV
 - Excel
 - Shapefile
 - GeoJSON
- According to different user groups, data sources and data content, it provides the following methods:
 - Add by coordinates
 - Add by address

Add From File

1 Select file

2 Set arguments

Type

☒ By coordinates ☐ By city & address(China cities)

File CRS

Longitude & latitude

BaseMap CRS

Web Mercator

X Field

x

Y Field

y

BuildingCoordinate

ID	BuildingName	x	y
1	Monument to the Peopl...	116.39123	39.902236
2	Tian' anmen Rostrum	116.392685	39.920315
3	the Hall of Prayer for Go...	116.406333	39.882201
4	Beijing Zoo	116.341515	39.942291
5	Capital Indoor Stadium	116.320917	39.939787
6	The Xiangshan Park	116.289383	39.954322

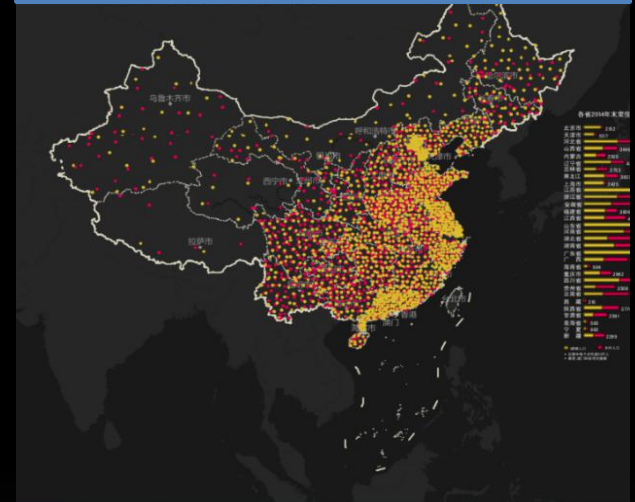
Back

Add

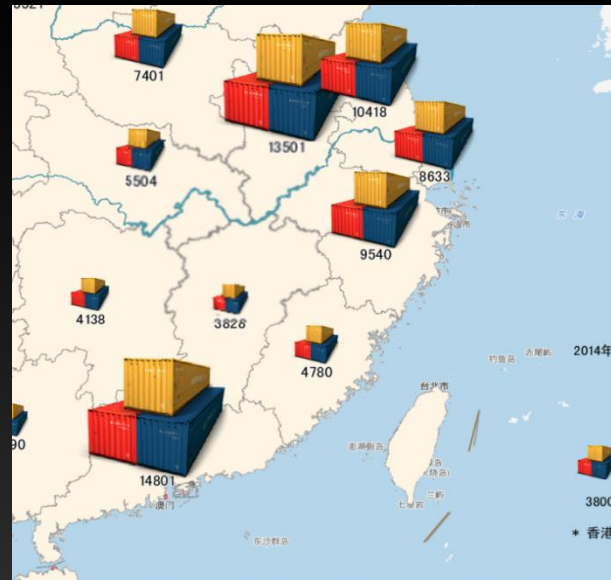
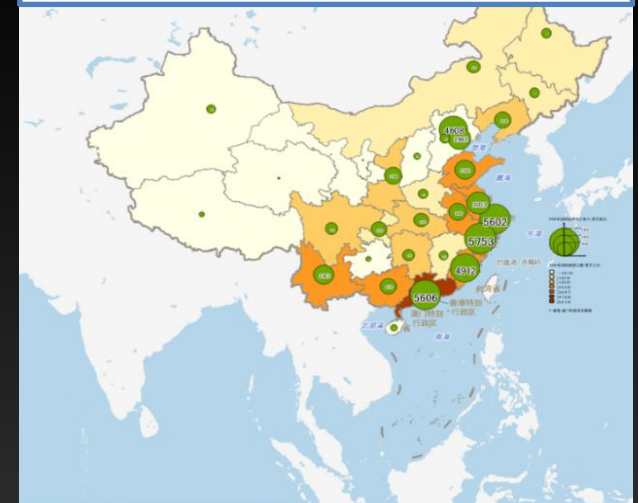
Add From Search/Web

- Web Service
 - SuperMap REST Map/Data service
 - OGC WMS/WMTS service
 - iServer Dataflow service
- Sample services
- My services

2014 population Density Map



2014 International Tourism Map



Add Marker Layer

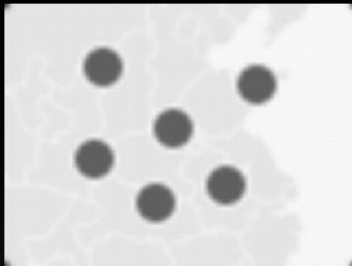
- The style editing function of annotation is optimized and improved, with various symbols built in, which can be associated with multimedia information.
- Support search annotations. When there are multiple annotations, it can be used to quickly locate the desired annotation.

Create a Thematic Map by DataViz

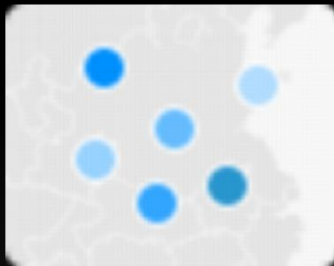


Supported Types of Thematic Map Layer

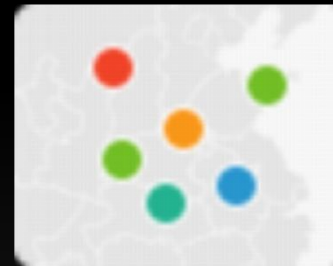
- Normal layer, unique map layer, range map layer and heat map layer are supported



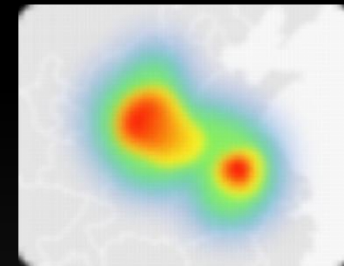
Normal layer



Range map layer



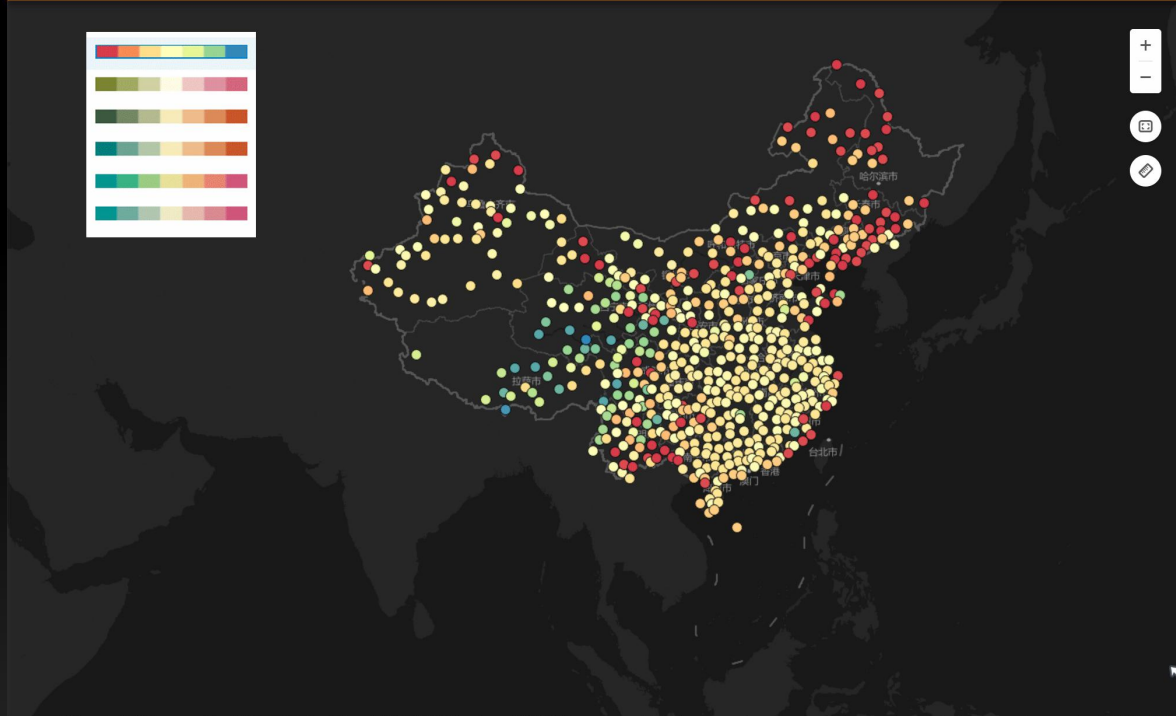
Unique map layer



Heat map layer

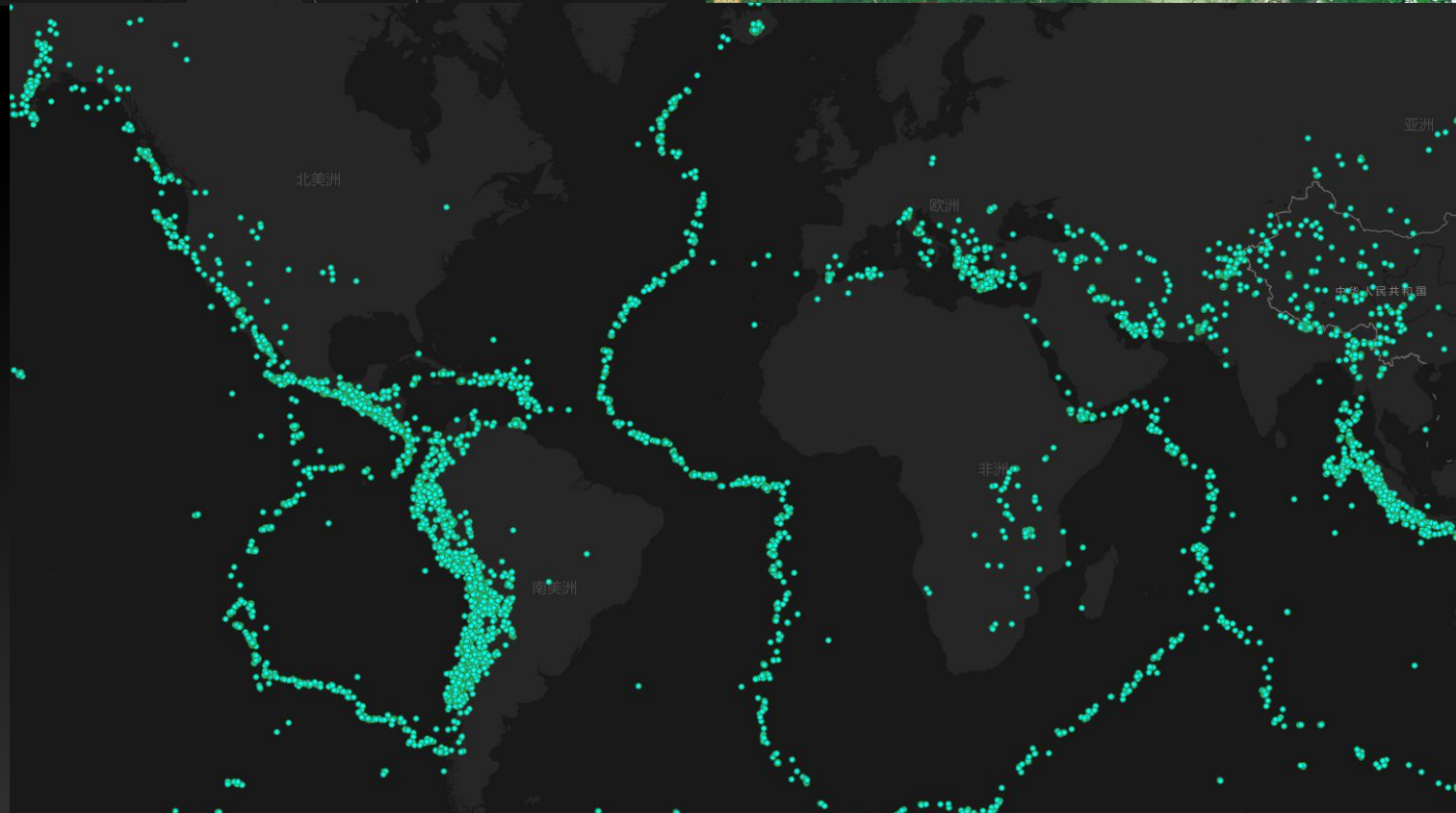
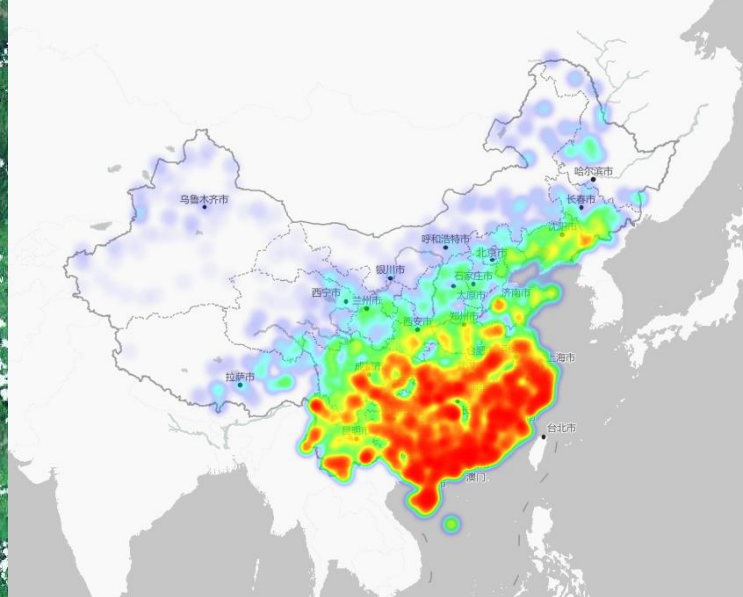
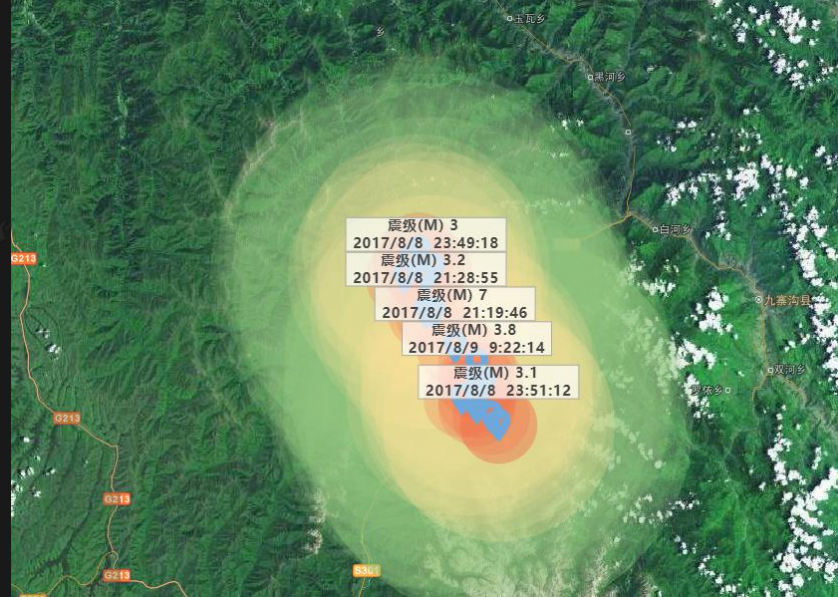
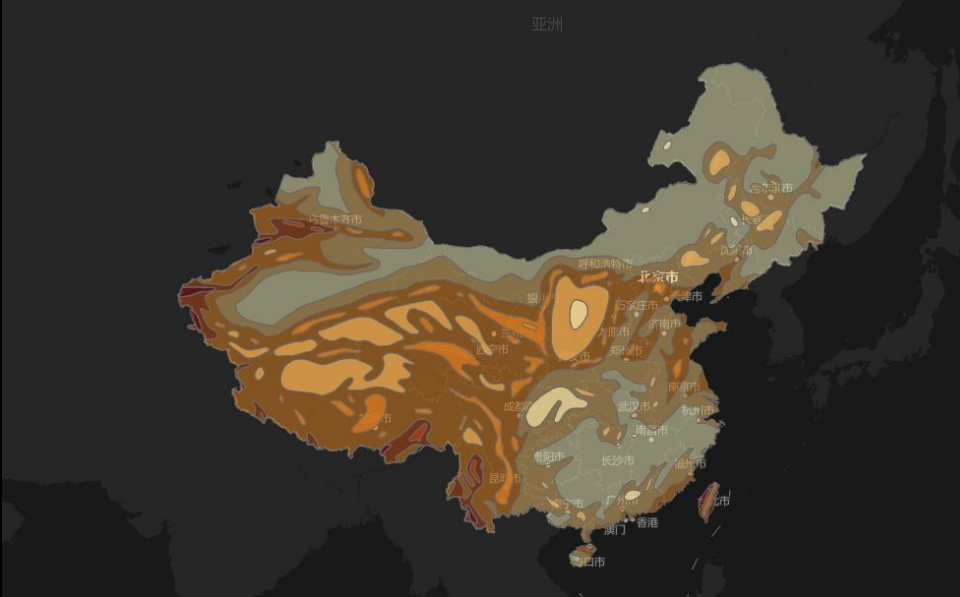
A variety of color schemes and symbols

Color schemes



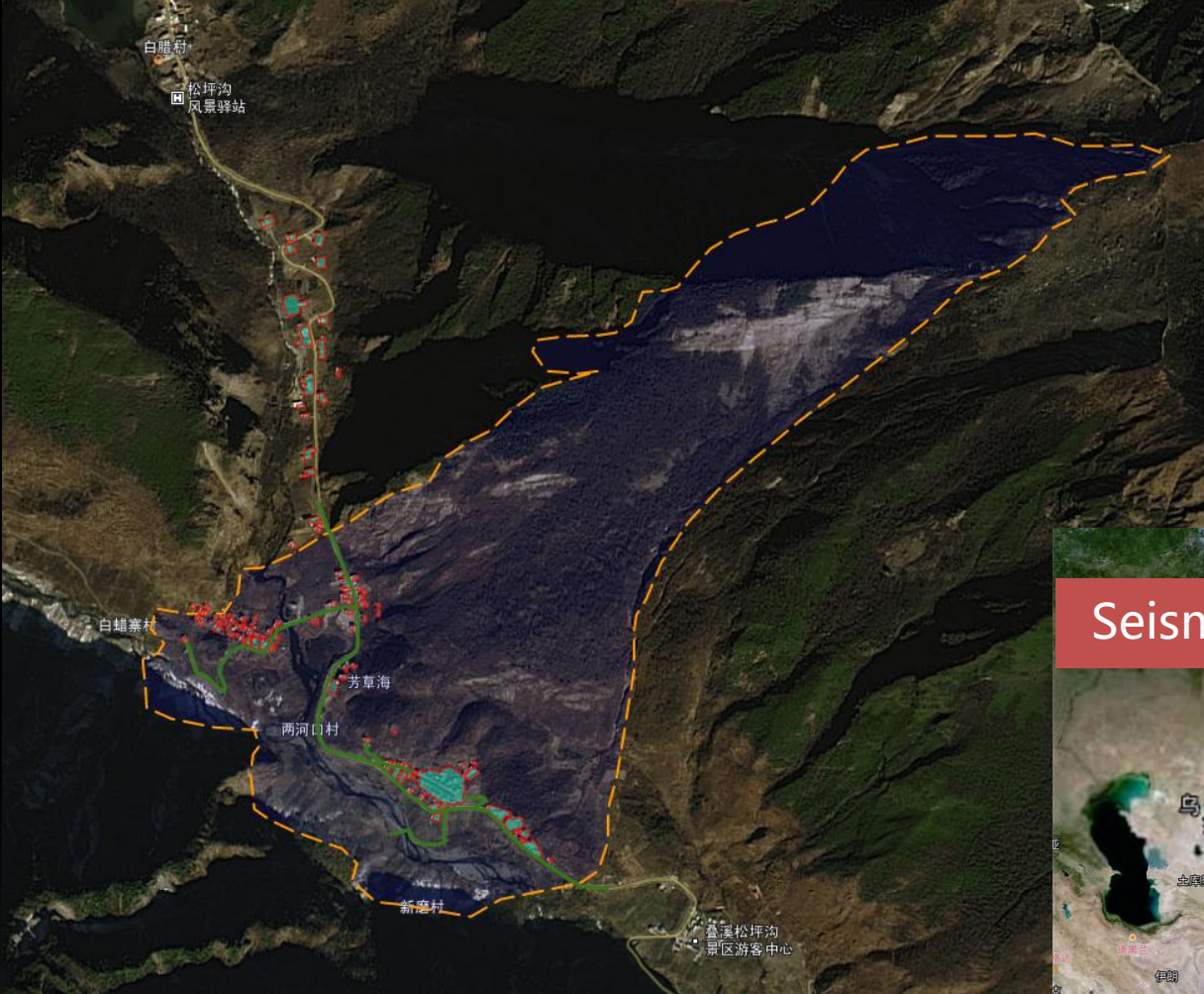
Symbols



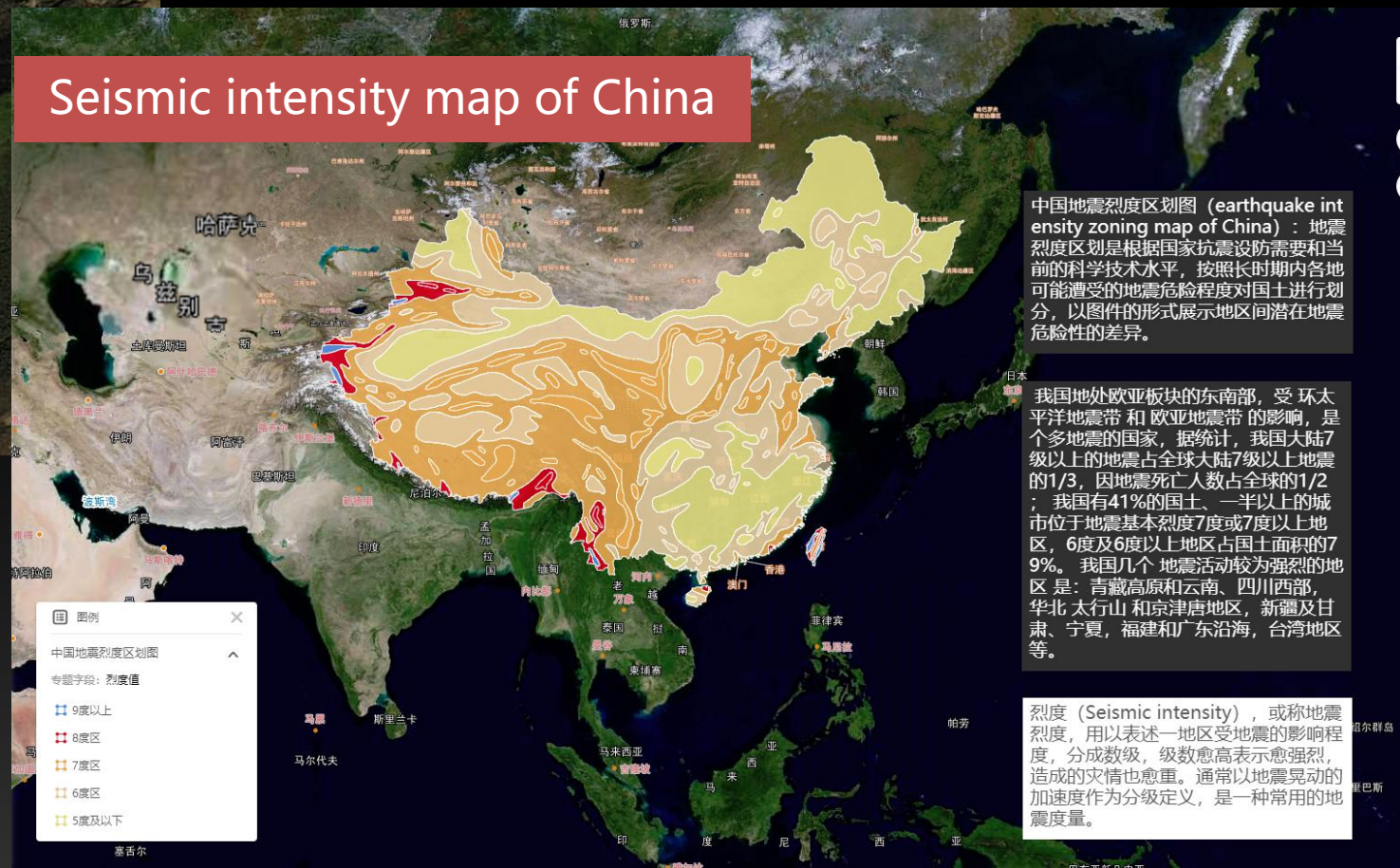


Text mark

- Mainly used to improve the map style, increase the readability of the map.
- For example, add descriptive text beside the elements, and add date, title, and author information to the map layout.



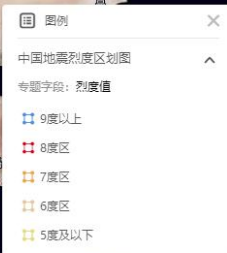
Seismic intensity map of China



中国地震烈度区划图 (earthquake intensity zoning map of China)：地震烈度区划是根据国家抗震设防需要和当前的科学技术水平，按照长时期内各地可能遭受的地震危险程度对国土进行划分，以图件的形式展示地区间潜在地震危险性的差异。

我国地处欧亚板块的东南部，受环太平洋地震带和欧亚地震带的影响，是个多地震的国家，据统计，我国大陆7级以上的地震占全球大陆7级以上地震的1/3，因地震死亡人数占全球的1/2；我国有41%的国土，一半以上的城市位于地震基本烈度7度或7度以上地区，6度及6度以上地区占国土面积的79%。我国几个地震活动较为强烈的地区是：青藏高原和云南、四川西部，华北太行山和京津唐地区，新疆及甘肃、宁夏、福建和广东沿海，台湾地区等。

烈度 (Seismic intensity)，或称地震烈度，用以表述一地区受地震的影响程度，分成数级，级数愈高表示愈强烈，造成的灾情也愈重。通常以地震晃动的加速度作为分级定义，是一种常用的地震度量。



Create a Thematic Map by DataViz



Output Result

Export data

- CSV

- Applicable to export point data

- GeoJSON

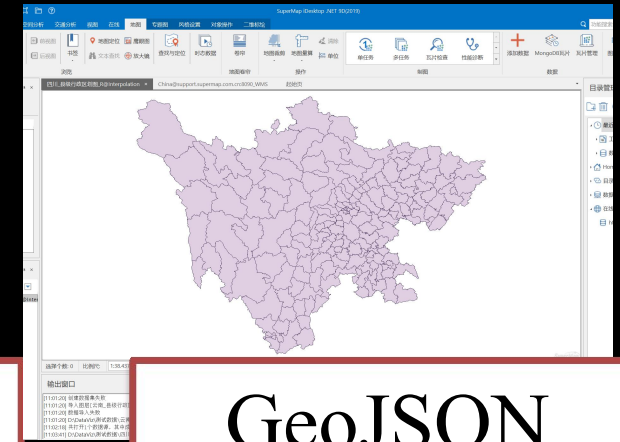
- Suitable for point, line and polygon data

- *.geojson , *.json

- Can be imported and used in other applications such as iDesktop
- The exported coordinate system defaults to 4326

3	2	万豪酒店	五星	东城区	北京市东城	58118888	5	116.4344	39.90455
4	3	京报新闻	五星	东城区	北京市东城	65211188	5	116.4217	39.90747
5	4	金融街丽思	五星	西城区	北京市西城	66016666	5	116.3621	39.91534
6	5	兆龙饭店	五星	朝阳区	北京市朝阳	65972299	5	116.4606	39.93323
7	6	大申祥和	二星	昌平区	北京市昌平	60719998	2	116.2853	40.09349
8	7	富来宫温泉	四星	昌平区	北京市昌平	61785588	4	116.4049	40.1804
9	8	艾维克酒店	四星	朝阳区	北京市朝阳	65661188	4	116.4625	39.9051
10	9	大北宾馆	二星	朝阳区	北京市朝阳	65685511	2	116.467	39.90763
11	10	世纪经典	三星	朝阳区	北京市朝阳	85390885	2	116.6023	39.89096
12	11	兴丰团河	三星	大兴区	北京市大兴	61299988	3	116.3724	39.74428
13	12	隆港宾馆	一星	房山区	北京市房山	69385686	1	116.1435	39.72359
14	13	五龙豪苑	二星	房山区	北京市房山	69366666	2	116.1486	39.72354
15	14	燕化宾馆	二星	房山区	北京市房山	69348888	2	115.9596	39.72862
16	15	金光酒店	二星	海淀区	北京市海	62279686	2	116.3585	39.95652
17	16	长峰假日	四星	海淀区	北京市海	68132299	4	116.2653	39.90902
18	17	红螺山度	一星	怀柔区	北京市怀	60681595	1	116.6274	40.37242
19	18	嘉里大酒店	五星	朝阳区	北京市朝	65618833	5	116.4594	39.91385
20	19	瑞吉酒店	五星	朝阳区	北京市朝	64606688	5	116.4401	39.91074
21	20	长城饭店	五星	朝阳区	北京市朝	65905566	5	116.4629	39.94514
22	21	北辰洲际	五星	朝阳区	北京市朝	84371188	5	116.388	39.99844
23	22	昆仑饭店	五星	朝阳区	北京市朝	65903388	5	116.46	39.94817
24	23	金茂威斯	五星	朝阳区	北京市朝	58228888	5	116.4609	39.95014
25	24	丽景海国							
26	25	中奥马							
27	26	中关村							
28	27	世纪金							
29	28	绿草山							

CSV



GeoJSON

Share Your Map

- Ways to share your maps
 - Qr code scanning, link sharing
 - Iframe-an interface to insert your map into the site
- Permission to share maps
 - Assign users, groups, and departments to share



Exercise





Thanks!

SuperMap Software Co., Ltd.

