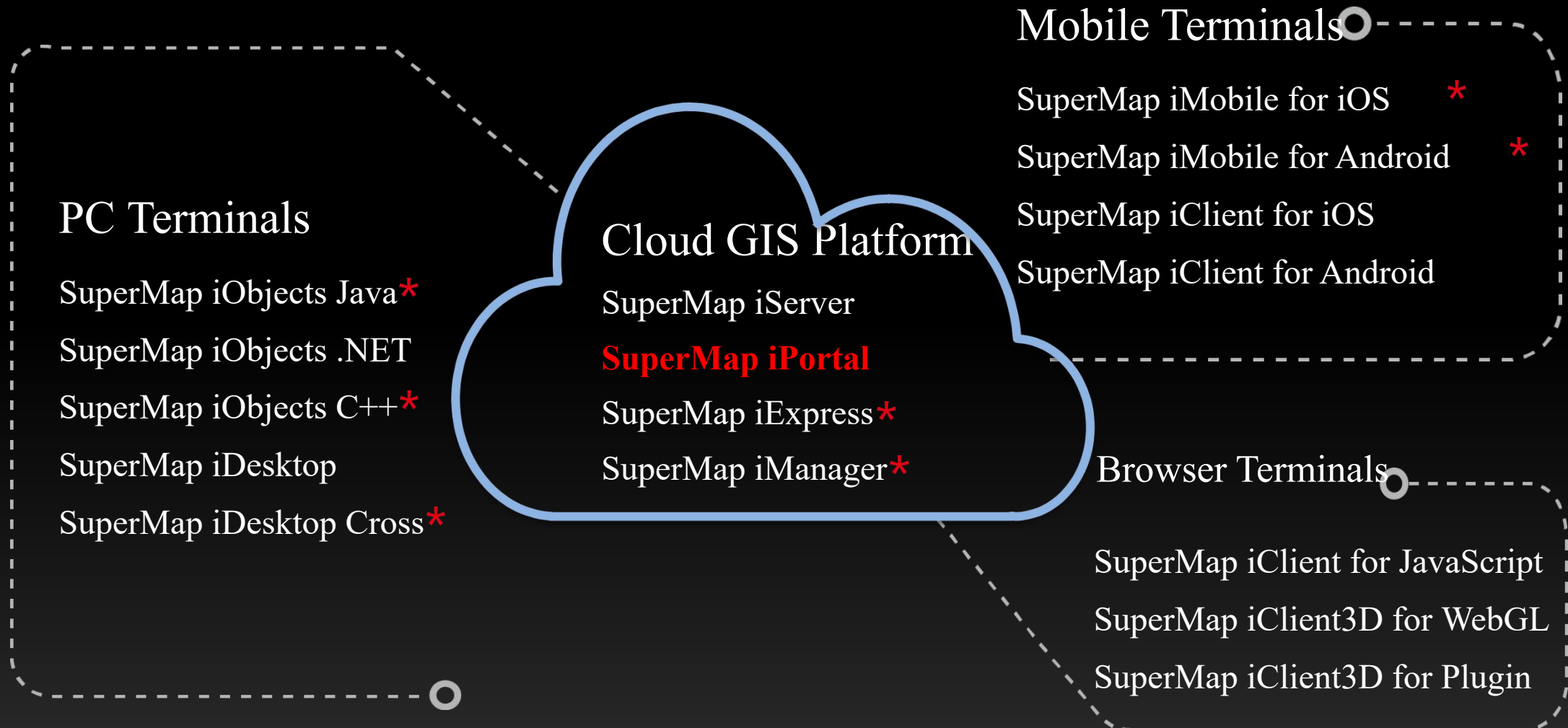


SuperMap iPortal Overview

SuperMap Software Co., Ltd.

SuperMap GIS Product Family



(Products with * are either created by SuperMap or featured with unique features)

Relationship with SuperMap iServer

iServer

Responsible for publishing GIS services

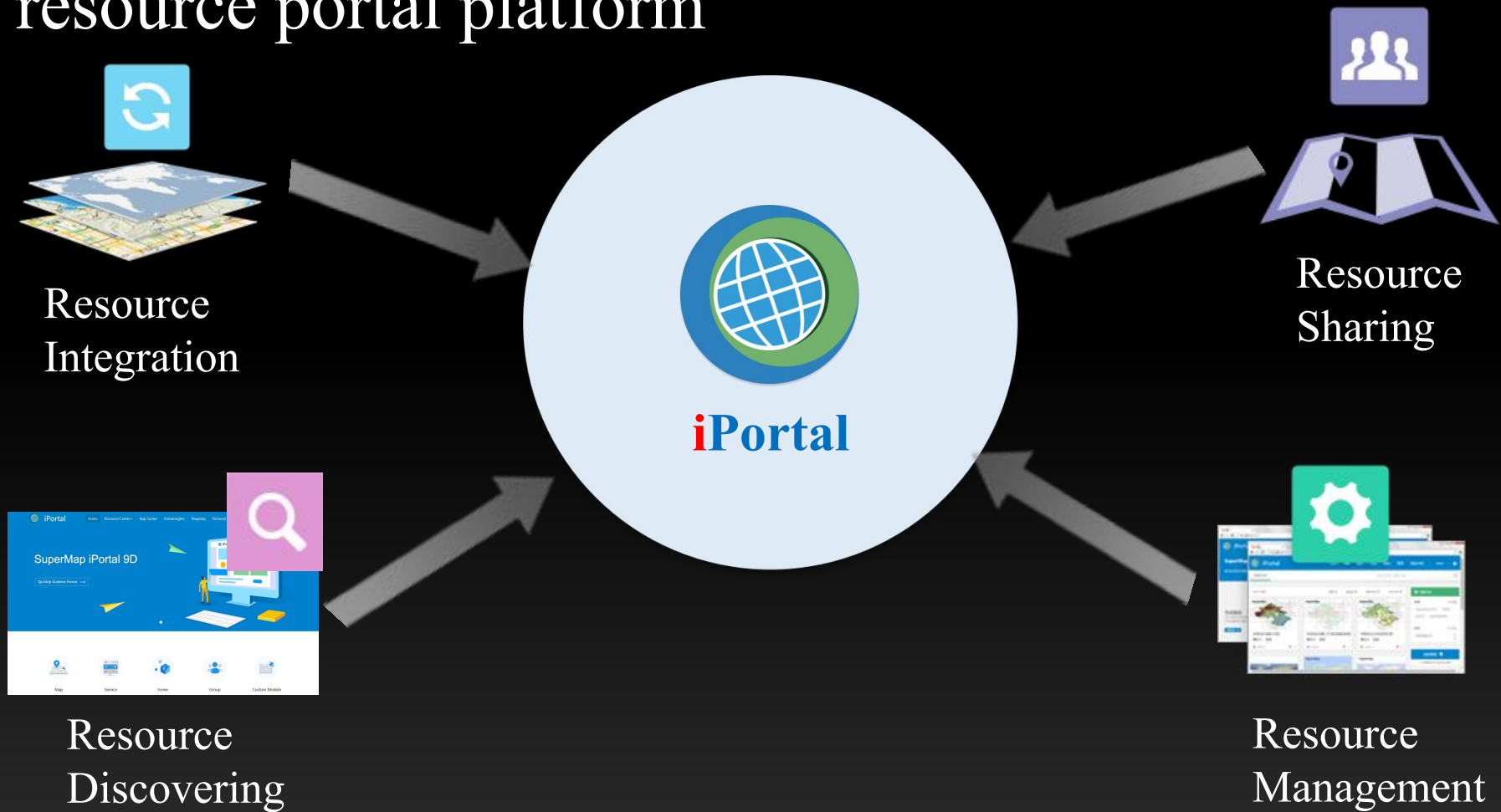
iPortal

Cooperate with iServer to:

- ✓ Register services published by iServer
- ✓ Host iServer to publish services
- ✓ Make use of data of iServer for online mapping
- ✓ Make use of spatial analysis services of iServer for data insight

What can SuperMap iPortal do?

- GIS resource portal platform



Who needs iPortal?

Industrial Geographic Information Infrastructure Platform Construction and Application Organizations

- For example, the GIS platform a certain industry of a province

Urban Geographic Information Public Platform Construction and Application Organizations

- For example, the Geographic Information Public Platform of a city

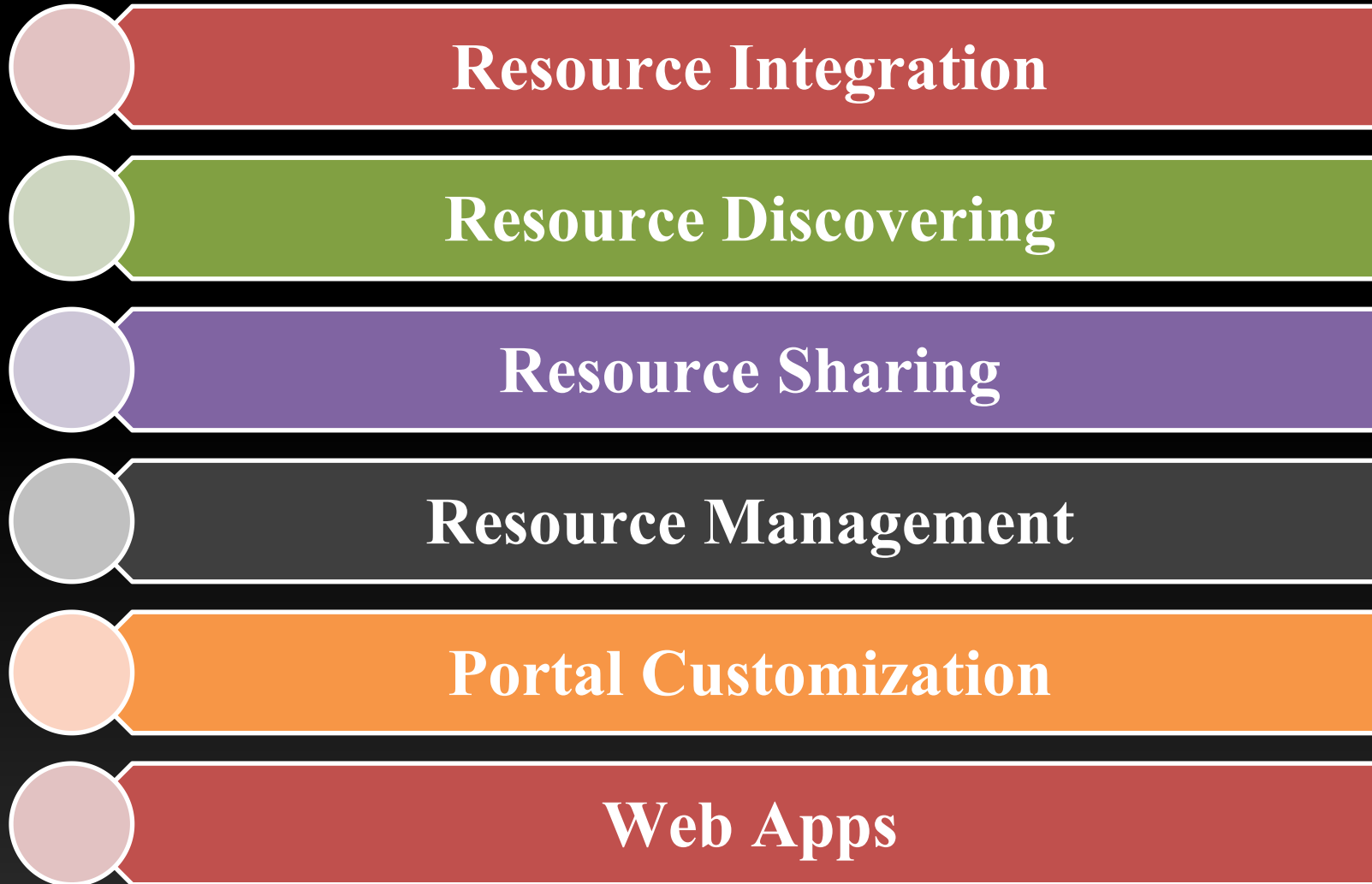
Large-scale Enterprise Geographic Information Platform Construction and Application Organizations

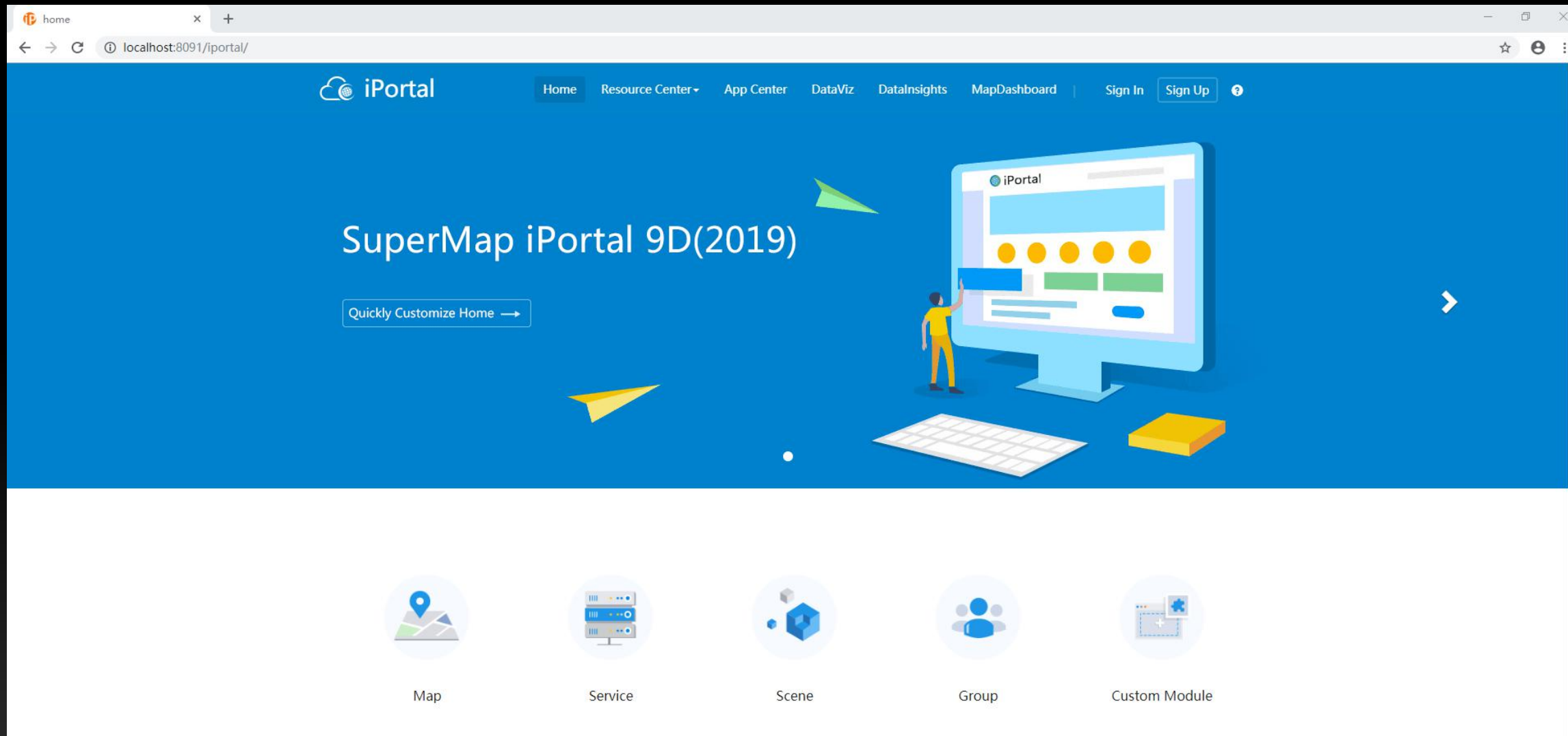
- For example, the GIS platform of a group



Various users with requirements of GIS service (resource) sharing

Product Features





Sign up

*Account

Please enter the account

*Nickname

Nickname contain letters and numbers

*password

Please enter your password

*Confirm password

Please confirm the password

*Security question

What is the name of your high school? ▼

* Security answer

Please enter the answer

Sign Up

Already have an account, please [Sign in](#)

Sign in

Account

Your account name

Password

Your password

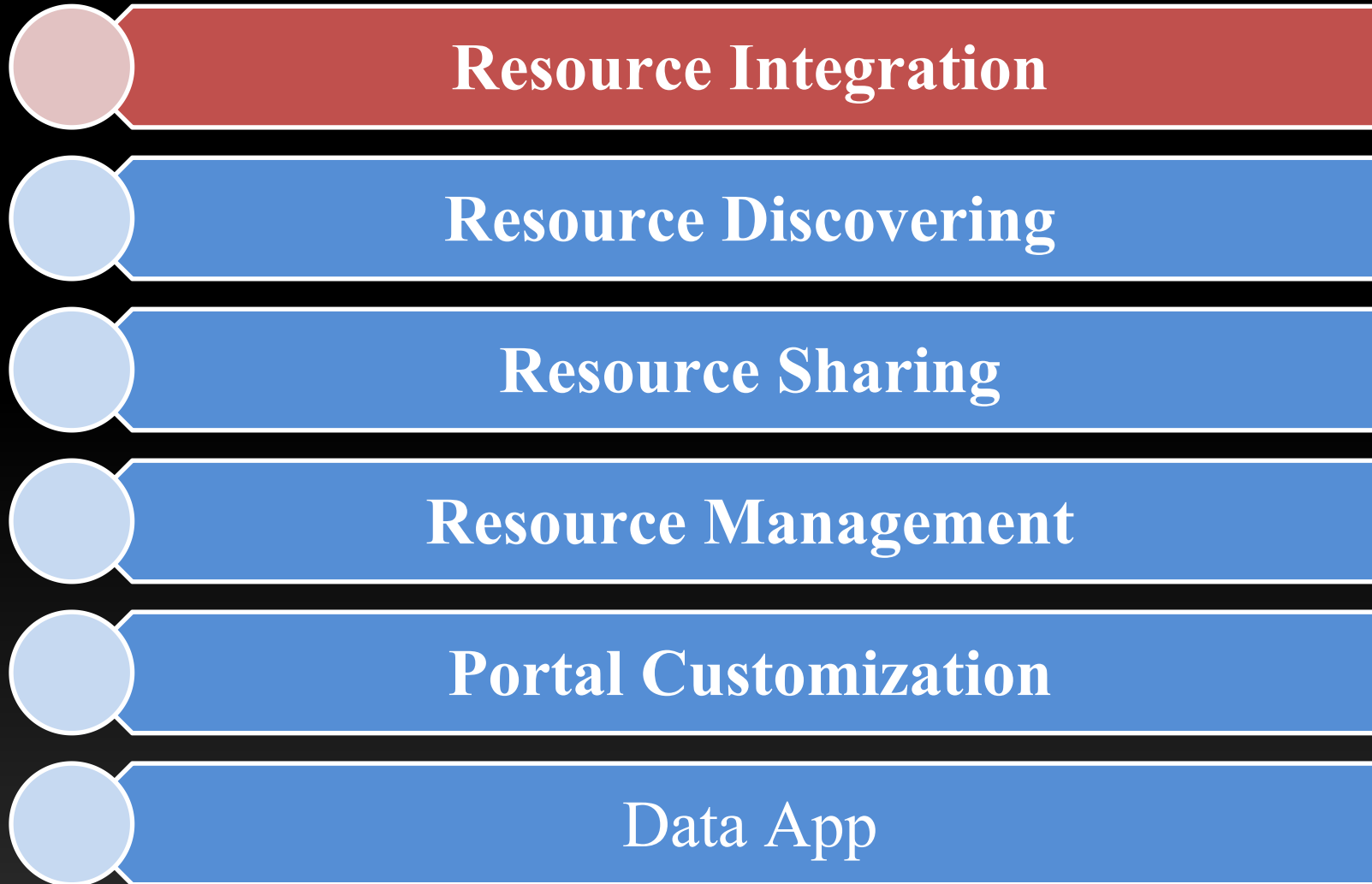
☐ Keep me signed in

Sign In

[Forgot password?](#)

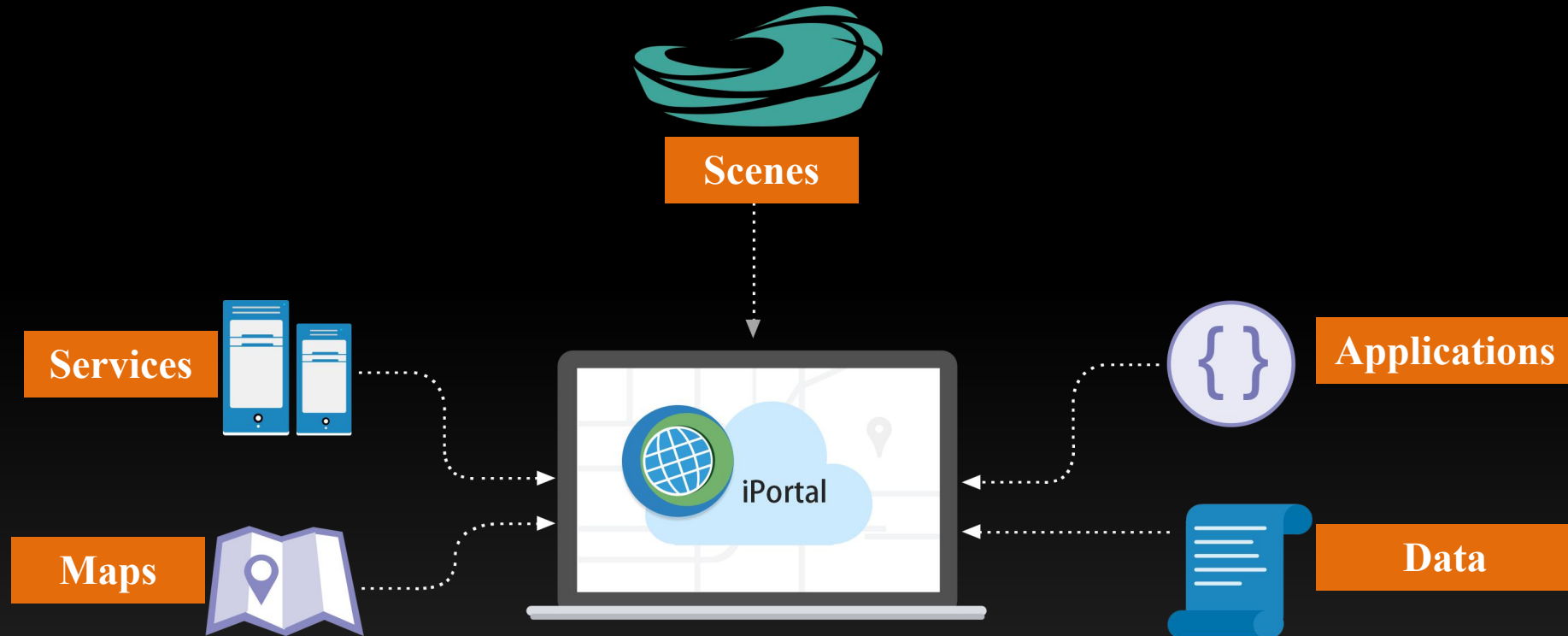
No account? [Sign up](#) now.

Product Features



Access to Resources from Heterogeneous GIS Servers

- Entrance to access and use GIS resources



Display and Use Resources Uniformly

The image displays three overlapping screenshots of the SuperMap iPortal 9D web application interface, illustrating the uniform display and use of resources across different sections.

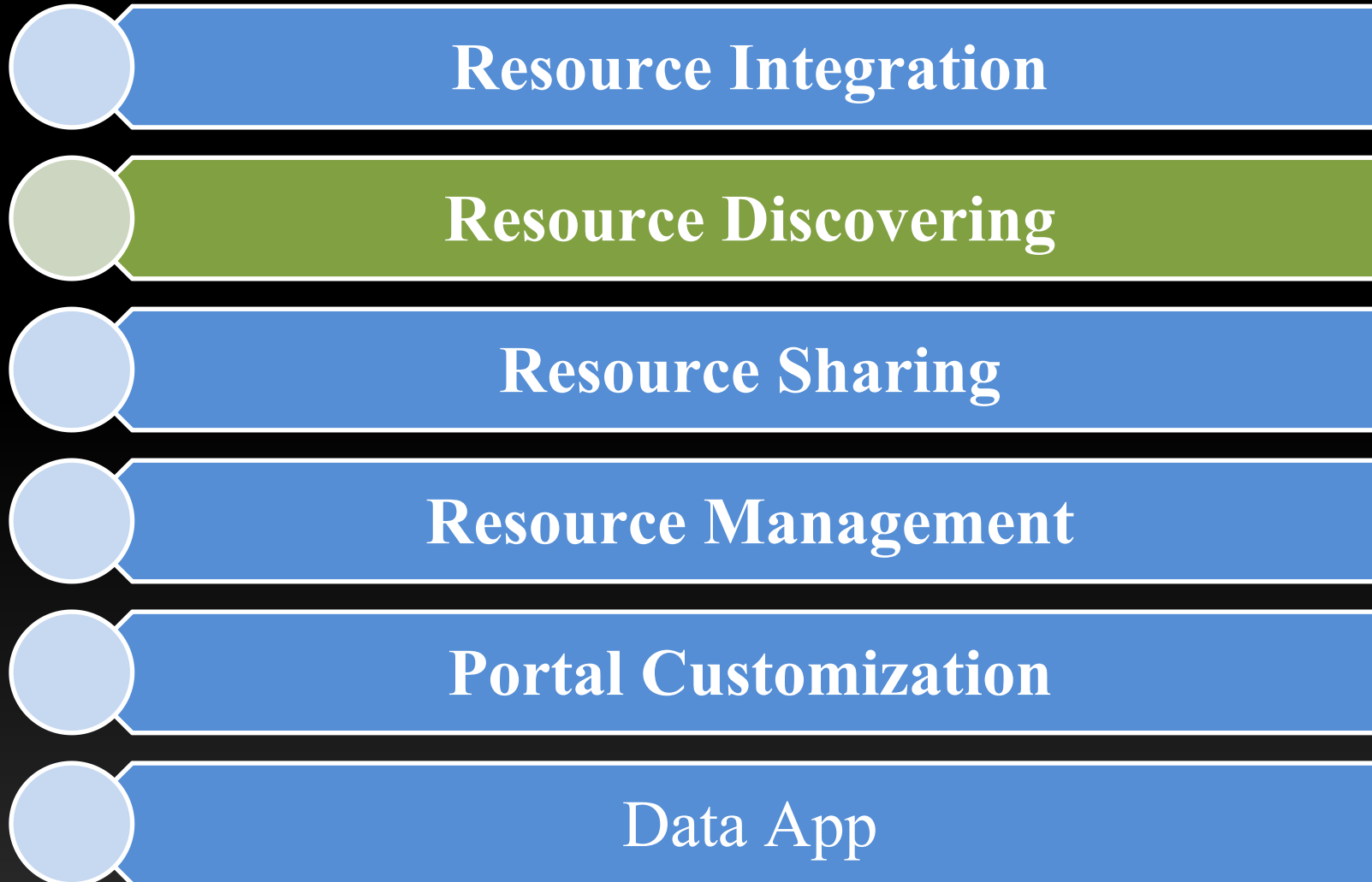
Top Screenshot (Map Resources): Shows the main interface with a blue header bar containing the iPortal logo and navigation links (Home, Resource Center, App Center, iDataInsights, Mapping, Personal Center, Sign In, Sign Up). The main content area is titled "Map Resources" and features a search bar, a "Create Map" button, and a grid of 6 map thumbnails. Each thumbnail displays a map with various colored regions and includes metadata such as the user name (chen...), update time (01-02 15:30), and visit count (2 or 0). A pagination bar at the bottom shows "1" of 1 page.

Middle Screenshot (Service Resources): Shows the "Service Resources" section. It includes a "Service Classification" sidebar with options like "SuperMap REST", "ArcGIS REST", "WFS", "WMTS", "WCS", "WPS", and "Other". The main area displays a list of services with columns for "Name or owner", "Update time", and "Visits".

Bottom Screenshot (Data Resources): Shows the "Data Resources" section. It includes a "Data Classification" sidebar with options like "SuperMap REST", "ArcGIS REST", "WFS", "WMTS", "WCS", "WPS", and "Other". The main area displays a list of data resources with columns for "Name or owner", "Update time", and "Visits".

Powered by SuperMap iPortal 9D (9.0.1-win64) © 2000-2017 SuperMap Software Co., Ltd.

Product Features



Resource Discovering

- Discover resources quickly in multiple ways



Resource Discovering—Customize Catalog Classification

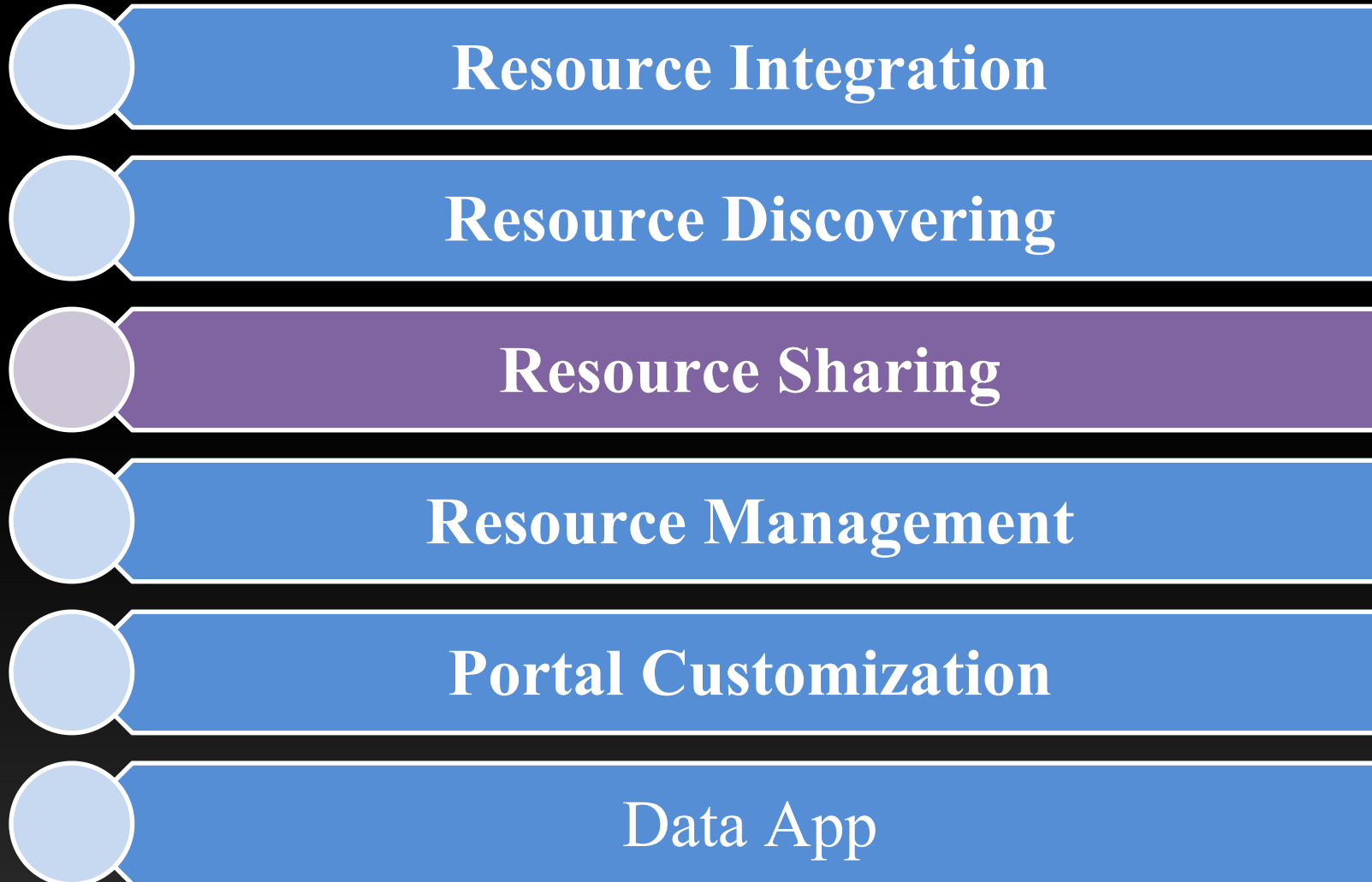
The screenshot shows the iPortal interface with a blue header bar containing navigation links: Home, Resource Center (selected), App Center, iDataInsights, Mapping, Management, Personal Center, and a user profile 'admin'. Below the header, the 'Service Resources' section is active, featuring a search bar and a 'Register' button.

On the left, a sidebar is highlighted with a red border. It contains two sections: 'Service Classification' and 'Tags'. The 'Service Classification' section has a 'Types' filter with a 'Multiselect' checkbox and a list of service types: SuperMap REST, ArcGIS REST, WMS, WFS, WMTS, WCS, WPS, and Other. The 'Tags' section also has a 'Multiselect' checkbox and a list of tags: China(1) and World(1).

The main content area displays '2 service(s)' with a table-like structure. The first service is 'World', showing a map thumbnail, the name 'World', owner 'admin', update time 'Just now', and a 'REST' service type. The second service is 'SuperMap', showing a map thumbnail, the name 'SuperMap', owner 'admin', update time '1 Minutes ago', and a 'REST' service type. Both services include a 'Details' link and a URL.

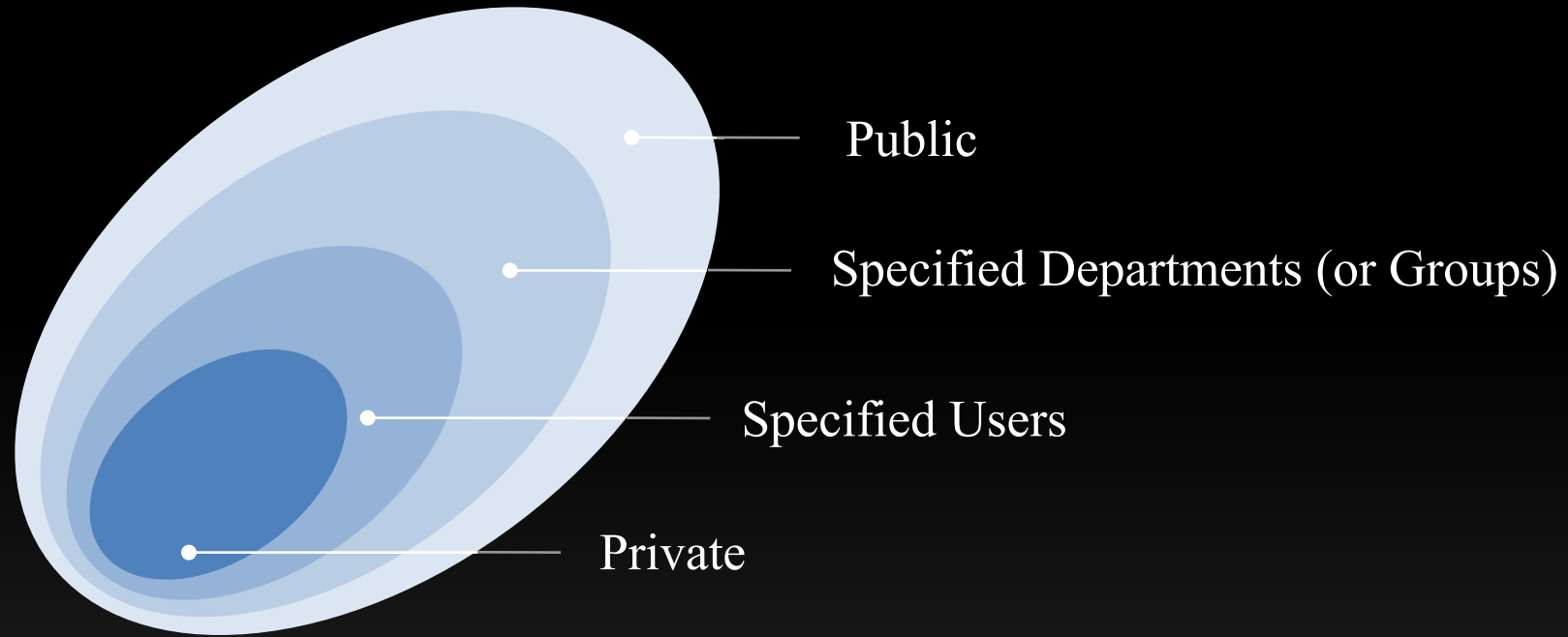
Below the service cards, there are 'Map List' sections. The first list includes 'World_VanderGrinten' and 'world_AirLine_Parc'. The second list includes 'China China_4326' and 'ChinaDark'.

Product Features

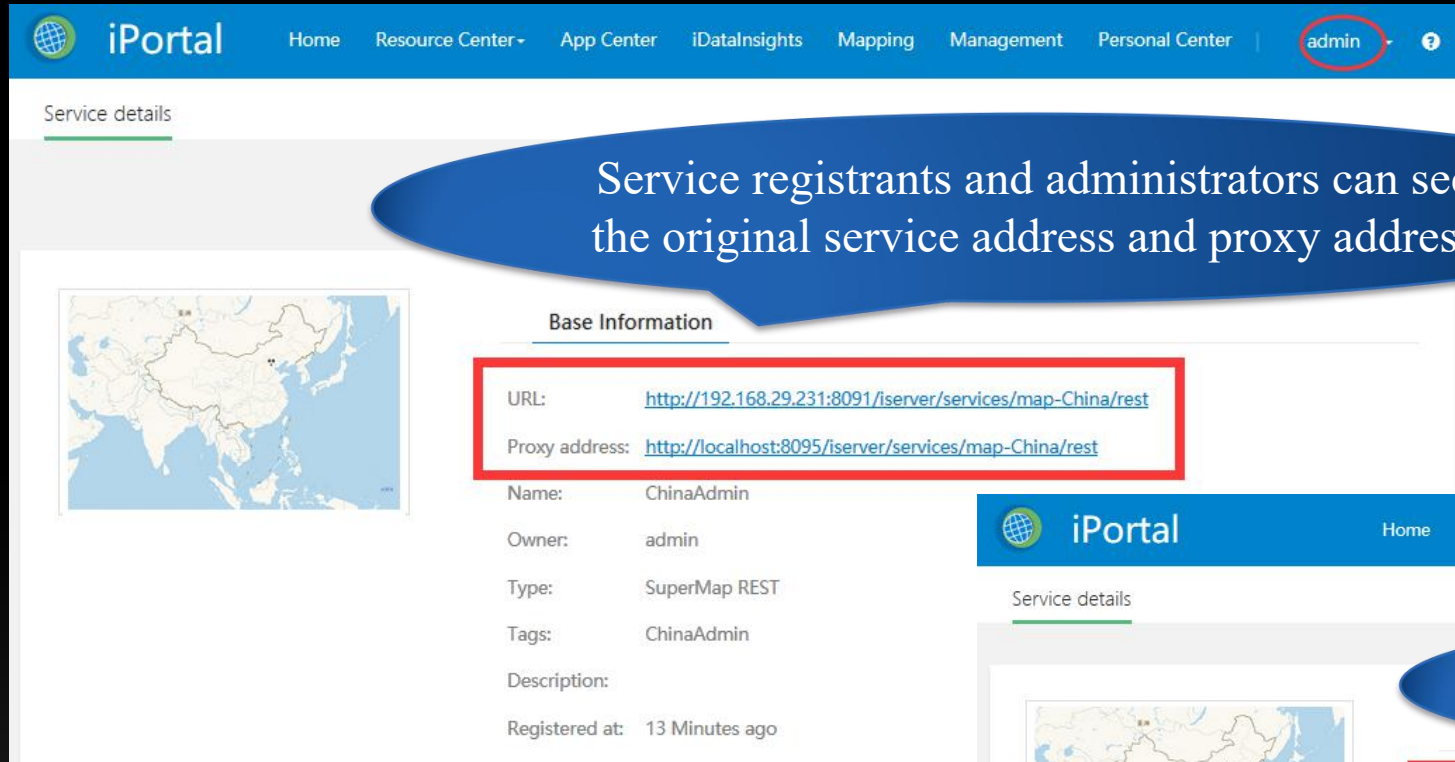


Resource Sharing

- Support multiple types of sharing scopes

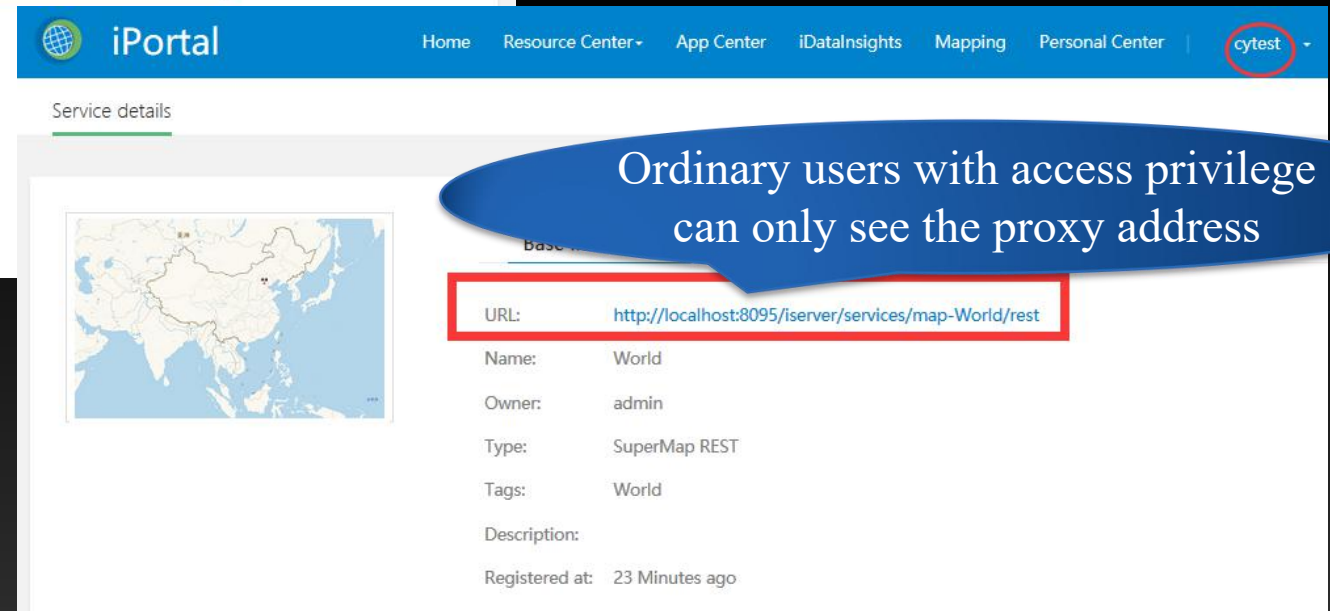


Unified Authority Control of Multi-source Services



The screenshot shows the iPortal interface with the 'admin' user selected in the top navigation bar. The 'Service details' page for 'ChinaAdmin' is displayed. A blue callout bubble highlights the 'URL' and 'Proxy address' fields, which are both visible to service registrants and administrators. The 'URL' is <http://192.168.29.231:8091/iserver/services/map-China/rest> and the 'Proxy address' is <http://localhost:8095/iserver/services/map-China/rest>. Other details include Name: ChinaAdmin, Owner: admin, Type: SuperMap REST, Tags: ChinaAdmin, and Registered at: 13 Minutes ago.

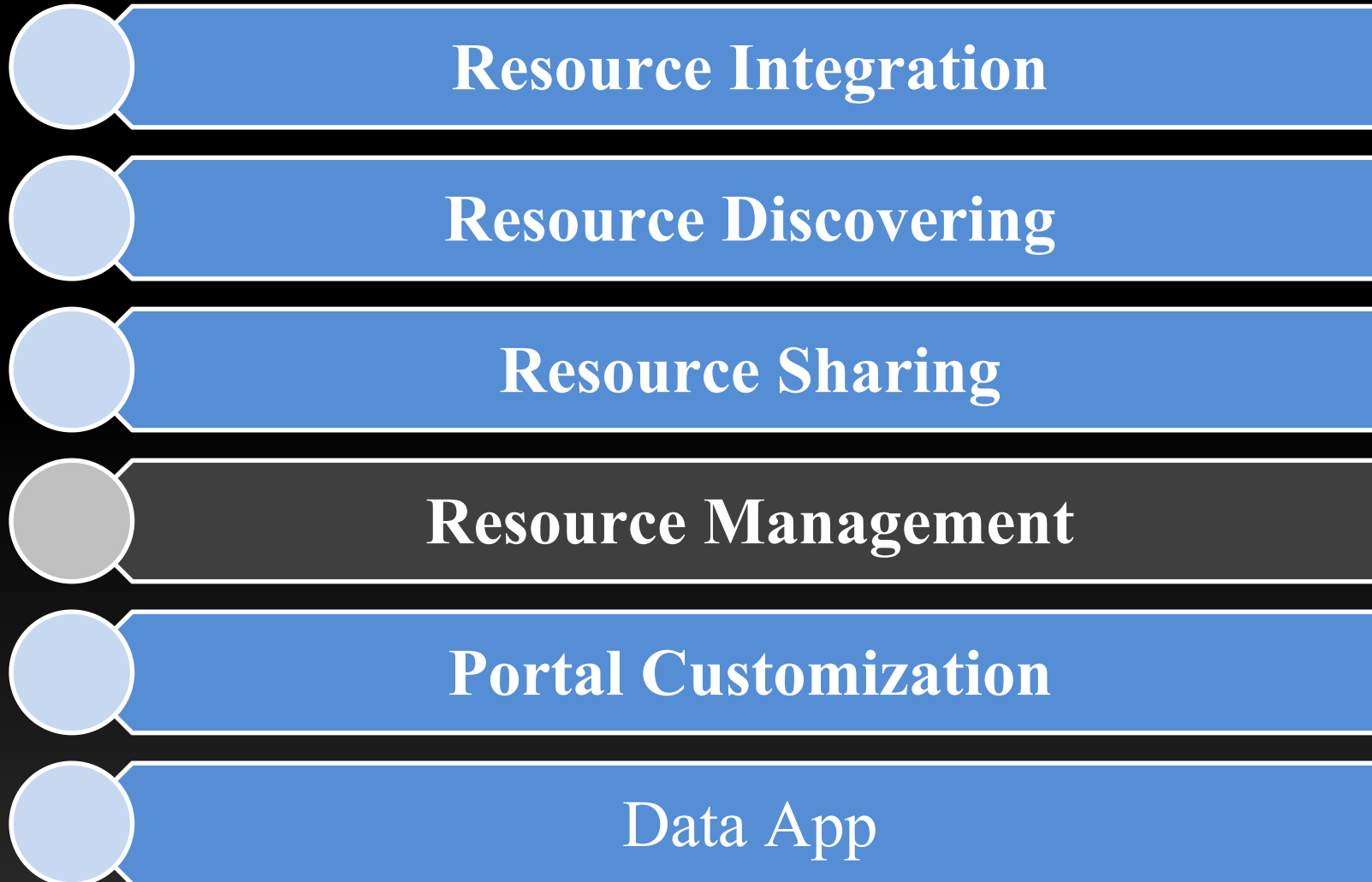
Service registrants and administrators can see the original service address and proxy address



The screenshot shows the iPortal interface with the 'cystest' user selected in the top navigation bar. The 'Service details' page for 'World' is displayed. A blue callout bubble highlights the 'URL' field, which is visible to ordinary users with access privilege. The 'URL' is <http://localhost:8095/iserver/services/map-World/rest>. Other details include Name: World, Owner: admin, Type: SuperMap REST, Tags: World, and Registered at: 23 Minutes ago.

Ordinary users with access privilege can only see the proxy address

Product Features



Portal administrator manages all resources of the portal

Department1 administrator

Manage resources of this department

Ordinary user1

Ordinary user2

Mange my resources

My map

My service

My data

.....

Mange my resources

My map

My service

My data

.....

Department2 administrator

Manage resources of this department

Ordinary user3

Ordinary user4

Mange my resources

My map

My service

My data

.....

Mange my resources

My map

My service

My data

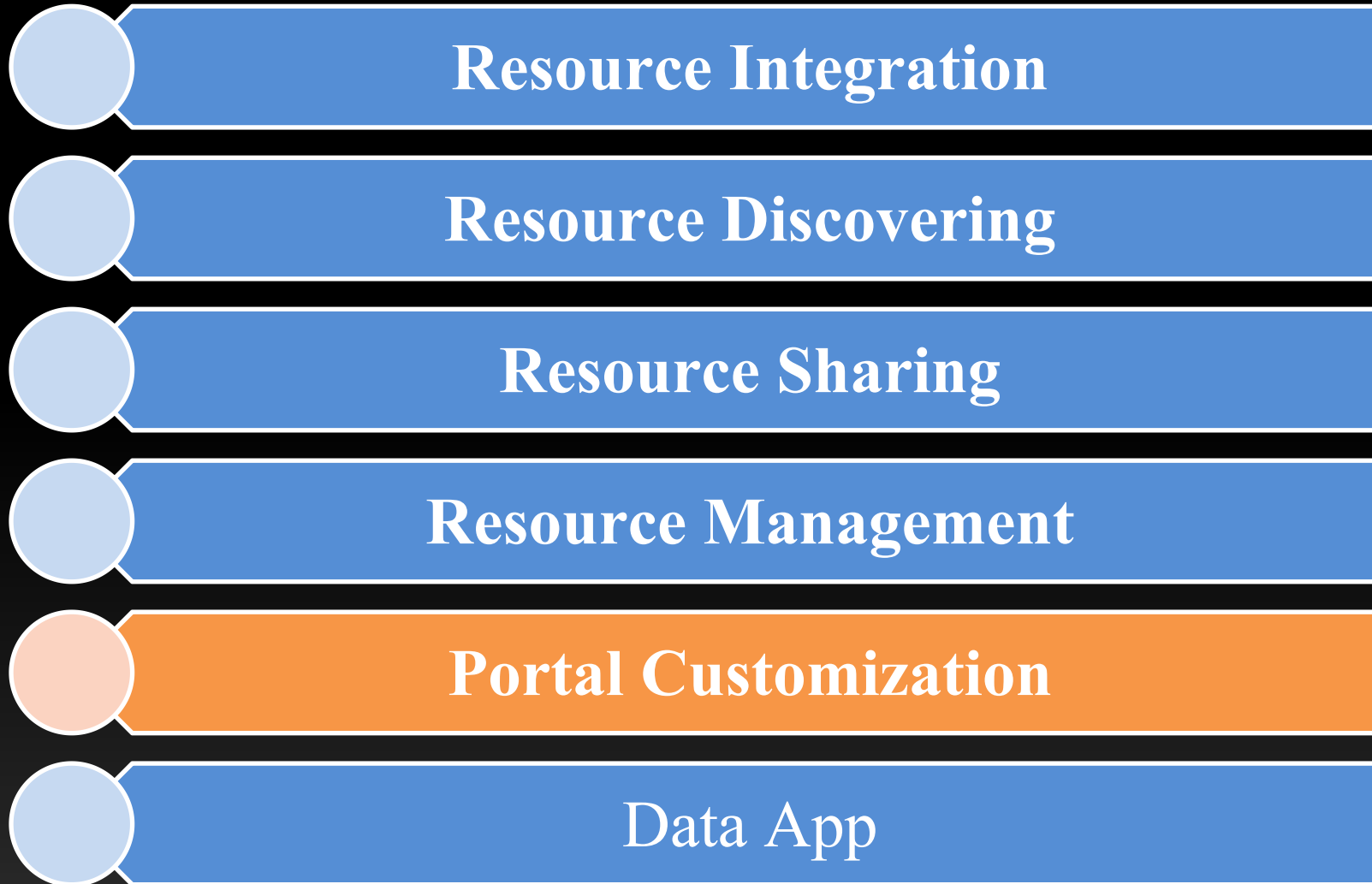
.....

Sharing resources by departments or groups

Multi-level Management based on Organizational Structure and Module Authorization

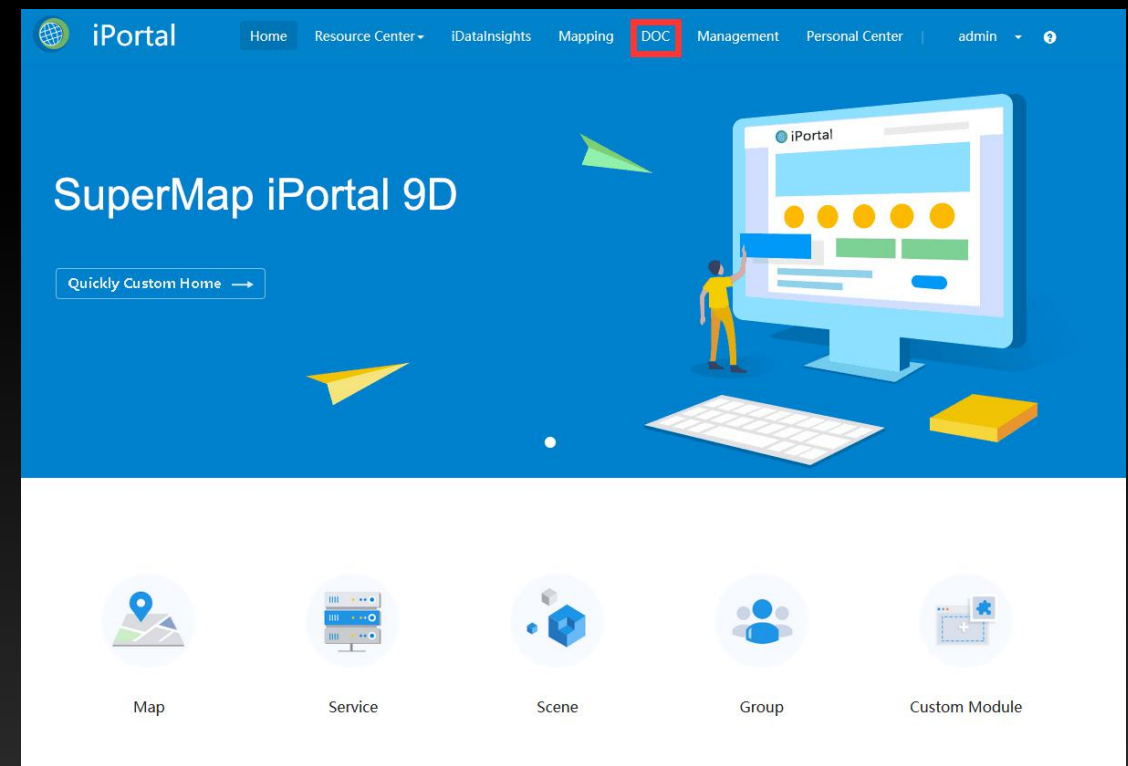
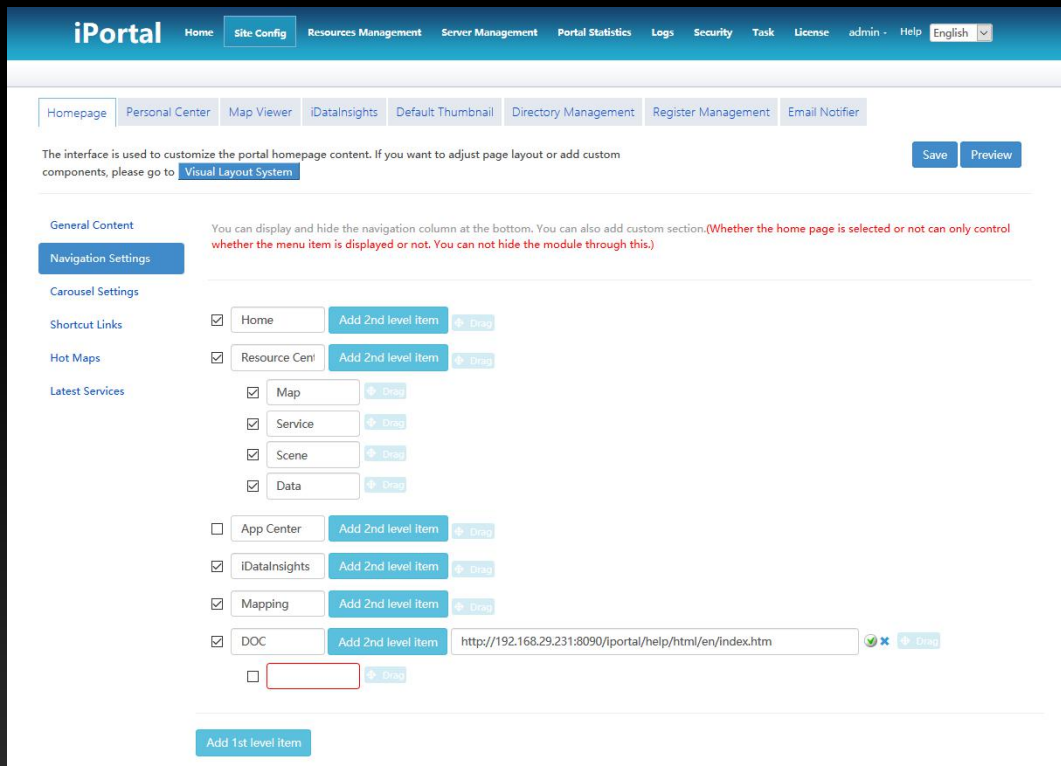
- In the portal application involving multi-level units or departments, it can effectively avoid the problem caused by management of all portal resources by upper level administrators, significantly reducing the difficulty of resource management and improving the management efficiency.
- The general configuration process is: 1. Enable the organization configuration feature; 2. Configure organizational structure; 3. Authorize permissions to the department administrator.

Product Features



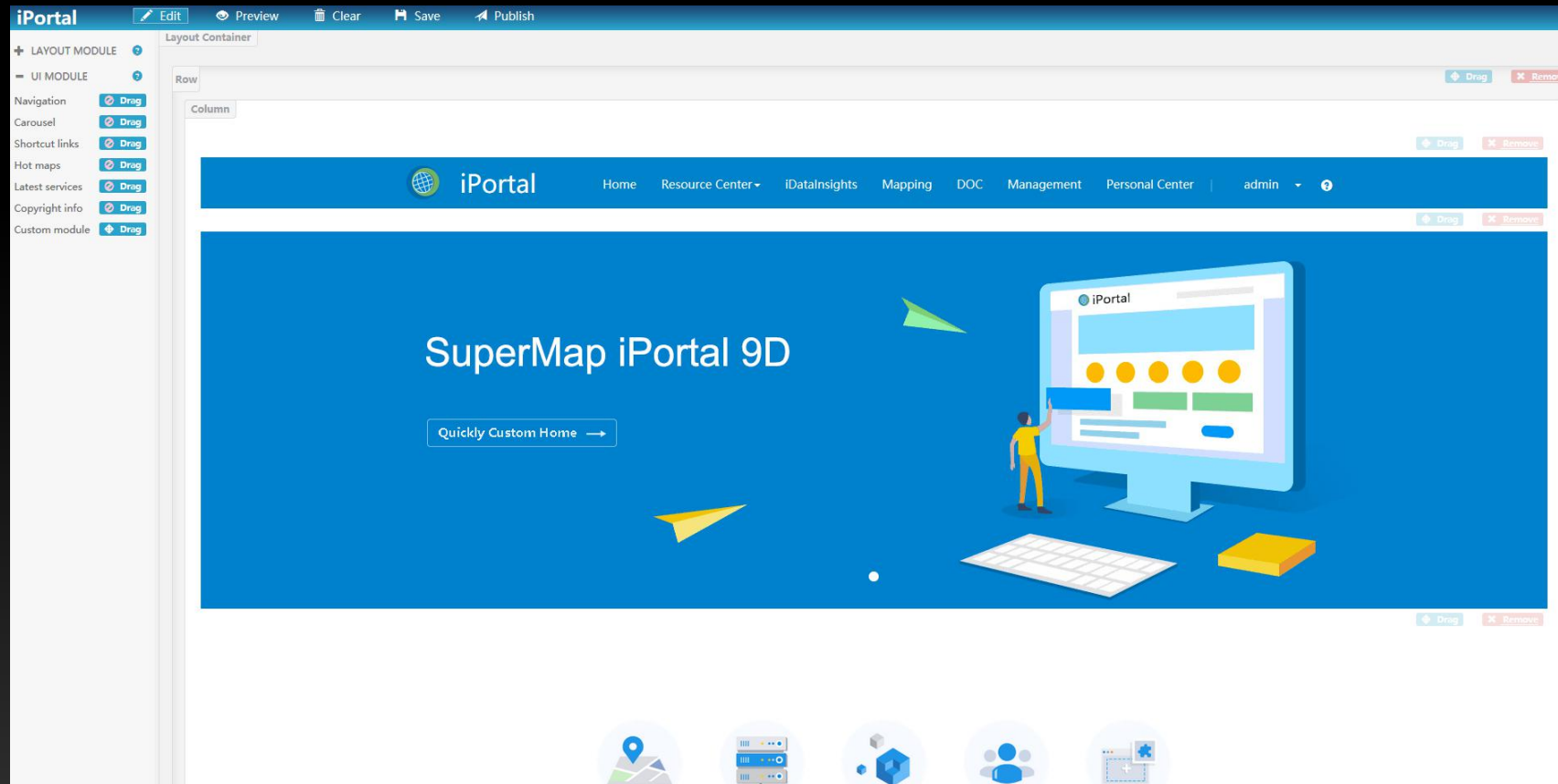
Zero Code Visual Customization—Integrating with Third-Party Applications

- Share built-in navigation bar and user login information of iPortal



Zero Code Visual Customization–Arranging portal Home Page

- Customize UI components and adjust the layout of UI components at the home page



Customize Portal—In-depth Customization

Contents Index Search - Search - iPortal

Home > Developer guide

iPortal development and extension guide

Feedback

SuperMap iPortal provides a wide range of SDKs for users, and application developers can use the Web services interface provided by SuperMap iPortal to develop the required application systems. [The use of the iPortal REST API](#) section provides a wealth of examples of the use of the SuperMap iPortal REST API, using the REST API to implement some operations, including the operation of the map, the operation of the data, the operation of the group.

SuperMap iClient 9D for JavaScript provides an API to browse maps in SuperMap iPortal to help you quickly create a map of iPortal in your own Web page.

At the same time, SuperMap iPortal also provides a set of deep custom development guidelines, such as custom development of front-end pages, custom development of new resources to help application developers according to their own business needs, tailored to a series of practical applications in line with the user portal function , Quickly build GIS portal platform system.

For an overview of the SampleCode provided by SuperMap iPortal, refer to the [demonstration program instructions](#).

Use the iPortal API

- [Use REST API](#)

Use iClient API

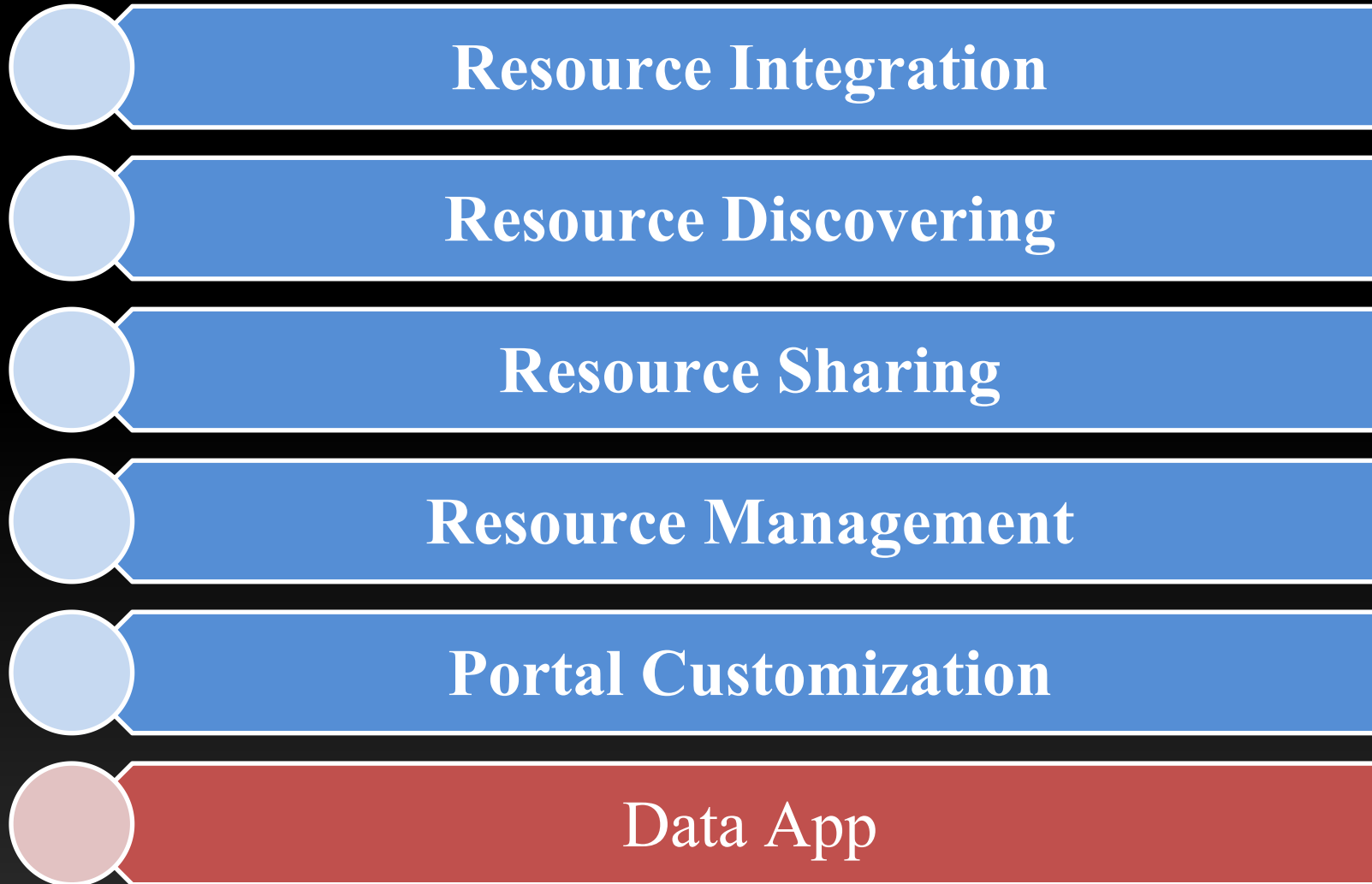
- [Use the iClient for JavaScript API to browse iPortal maps](#)

Customize the iPortal portal

- [Customize the building of development environment](#)
- [Front-end custom development process](#)
- [Backend custom development process](#)
- [Integrate the user's existing account system](#)
- [iPortal upgrade code merge considerations](#)

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Product Features



Data App

Online Mapping

Online Thematic Map Production

Scene Browsing

View Scenes without Plugins

Data Insight

Data Visualization Analysis

Create Applications

Create Applications with Templates

Online Mapping

The image displays the SuperMap iPortal 9D web application interface. The top navigation bar is blue and contains the following links: Home, Resource Center, iDataInsights, **Mapping** (highlighted with a red box and a red arrow), DOC, Management, Personal Center, and a user profile dropdown for 'admin'. The main content area on the left has a blue background with the text 'SuperMap iPortal 9D' and a 'Quickly Custom Home' button. Below this are three circular icons labeled 'Map', 'Service', and 'Scene'. On the right, a browser window is open to the URL 'localhost:8090/iportal/apps/viewer/2018291219'. The browser shows a world map with 'China' highlighted in orange. The left sidebar of the browser window lists 'BaseMap', 'Layers', and 'Settings', with 'Tianditu Map' selected under 'Layers'. The main map area shows a world map with labels for continents and oceans. A search bar at the top right of the map area contains the text 'layers' and 'Enter a city or address'. A small inset map is visible in the bottom right corner of the browser window.

Scene Browsing

iPortal Home Resource Center iDataInsights Mapping DOC Management Personal Center admin ?

Scene Resources

Scene Classification

Tags ☐ Multiselect

Scene from users(1)

1 scene(s)

 CBD
admin Just

localhost:8090/iportal/apps/scenewiewer/1367222975



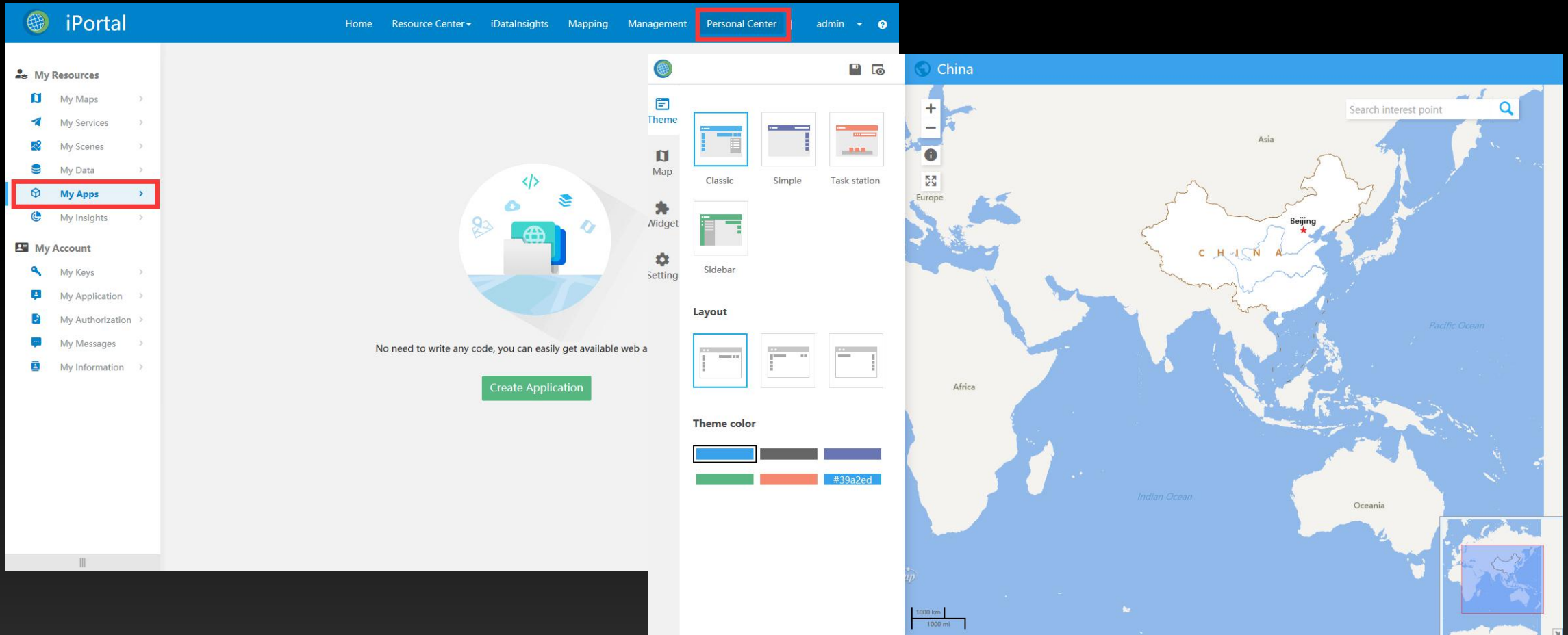
The main content area displays a 3D perspective view of a city scene. The scene features a dense urban environment with numerous skyscrapers and buildings. A prominent blue, angular building stands out in the center. A large, irregularly shaped lake or pond is situated in the middle of the city, surrounded by green spaces and smaller structures. The scene is viewed from an elevated angle, showing the layout of the city and its surrounding areas. The browser address bar indicates the URL is localhost:8090/iportal/apps/scenewiewer/1367222975.

Data Insight

The screenshot displays the iPortal web application interface. The top navigation bar includes links for Home, Resource Center, iDataInsights (highlighted with a red box and an arrow), Mapping, DOC, Management, Personal Center, and an admin dropdown. The main content area on the left shows the 'SuperMap iPortal' logo and a 'Quickly Custom Home' button. A 'Map' icon is visible at the bottom left. The right side of the interface features a 'Works' panel with an 'Add Data' button and a list of data fields: Location, No., # SmID, # SmX, # SmY, # SmLibTileID, # SmUserID, and # SmGeometr... Below this is a 'Data' section with a list of data items. The central map area, titled 'View1', shows a map with numerous green data points overlaid on a street network. The right sidebar contains a 'View1' panel with 'Layer', 'Analysis', and 'Setting' tabs. The 'Layer' tab is active, showing a 'Location' field and a 'Classic' style. The 'Color' and 'Symbol' sections are also visible, with a green color swatch and a black dot symbol.

Create Applications based on Templates

- “Personal Center”—“My Apps”—“Create Application”



Thanks!

SuperMap

北京超图

SuperMap Software Co., Ltd.

