SuperMap iServer Introduction

SuperMap Software Co., Ltd.

01 Product Positioning
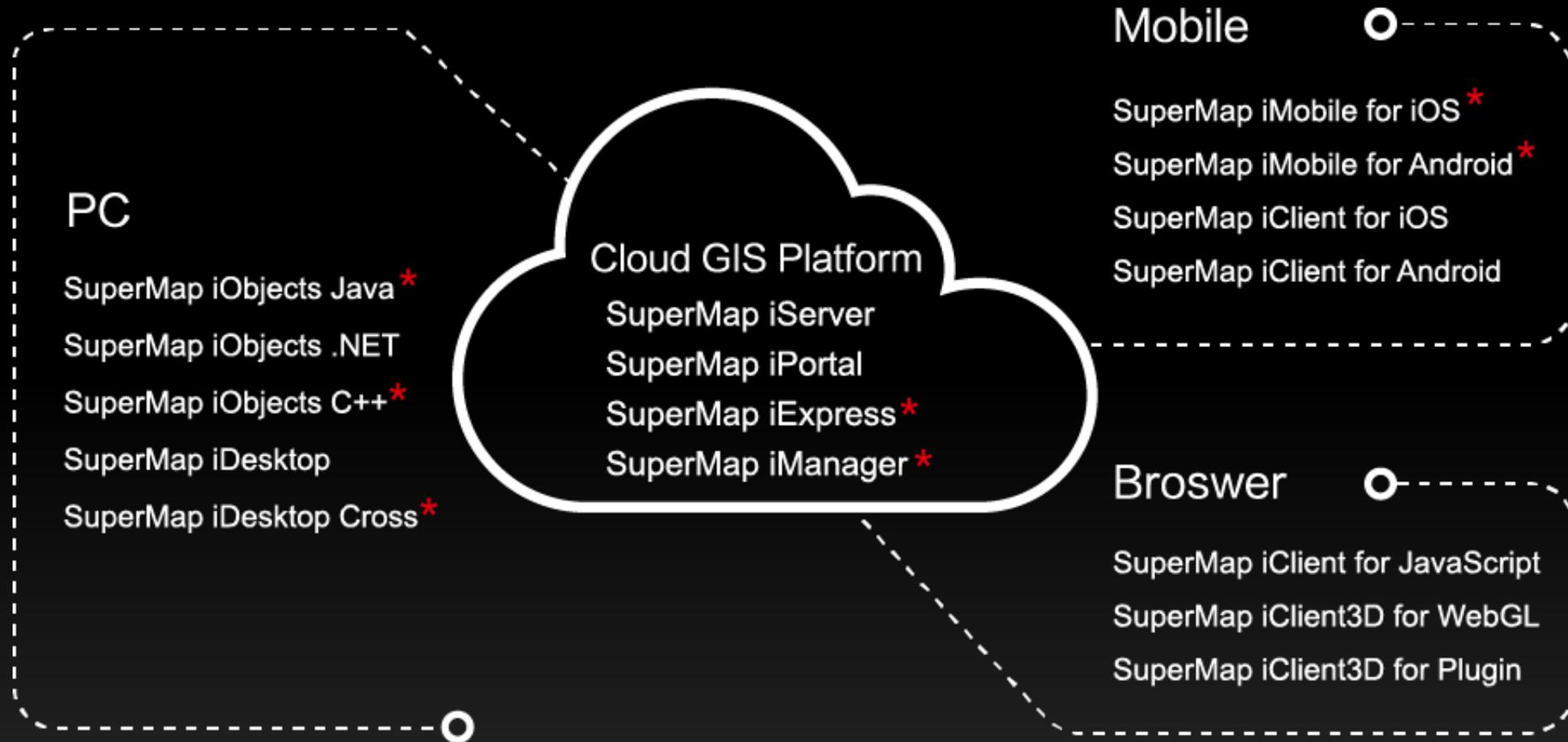
02 Product Capabilities
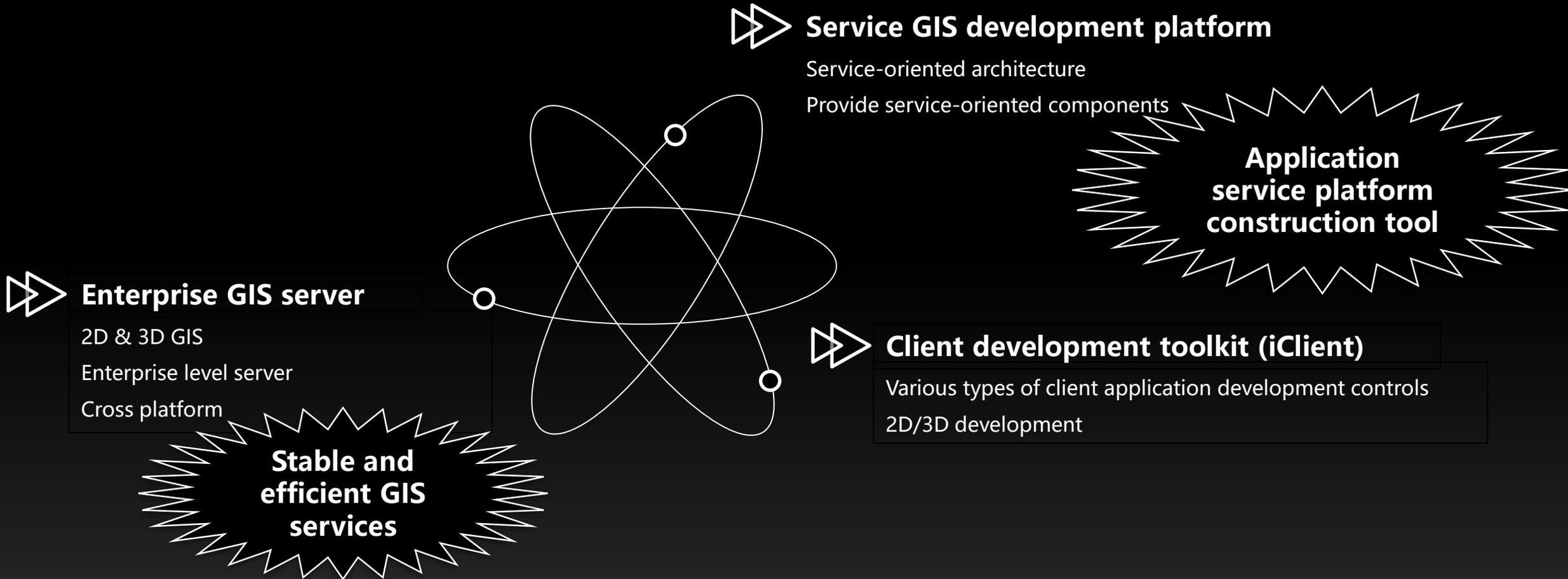
03 Product Packages

SuperMap GIS 9D Cloud & Terminal Integrated Architecture

PC

SuperMap iObjects Java *
SuperMap iObjects .NET
SuperMap iObjects C++ *
SuperMap iDesktop
SuperMap iDesktop Cross *

Cloud GIS Platform

SuperMap iServer
SuperMap iPortal
SuperMap iExpress *
SuperMap iManager *

Mobile

SuperMap iMobile for iOS *
SuperMap iMobile for Android *
SuperMap iClient for iOS
SuperMap iClient for Android

Broswer

SuperMap iClient for JavaScript
SuperMap iClient3D for WebGL
SuperMap iClient3D for Plugin

Product with a   is original creation or has unique advantages of SuperMap

Product Positioning

▷▷ **Service GIS development platform**

Service-oriented architecture

Provide service-oriented components

Application service platform construction tool

▷▷ **Enterprise GIS server**

2D & 3D GIS
Enterprise level server
Cross platform

▷▷ **Client development toolkit (iClient)**

Various types of client application development controls
2D/3D development

Stable and efficient GIS services

Users

- GIS professionals
  - Publish GIS services with SuperMap iServer
- Application developers
  - Construct application systems
- System administrators
  - Configure, publish and manage GIS services with SuperMap iServer Manager

02　**Product Capabilities**

Product Capabilities

- Enterprise level GIS server

- Service GIS development platform

GIS Services

Map Services

Map browsing, zooming, panning

Map measurement, map query

Thematic mapping

Data Services

Query on datasources and datasets

Online editing (addition, deletion and

modification) on datasets

Spatial Analysis Services

Clip, erase, delete, identity, intersect, union,

update, XOR for geometric objects and datasets

Buffer analysis, spatial relation, linear referencing

Extract contour lines

Network analysis services

Optimal path analysis, travelling salesman

analysis, multiple travelling salesmen analysis

Service area analysis, location-allocation analysis

Closest facility analysis

GIS Services

Traffic Transfer Analysis

Traffic transfer scheme analysis

Bus stop query

Address Matching Services

Query places with address keywords,

query places with position information

3D/Network Analysis Services

3D data publishing

3D data query

Network analysis

Geometry Services

With no need of map/data services

Measure area, distance, and transform

coordinates

GIS Services +

Distributed Analysis Services

Distributed map visualization

Distributed cluster based on Spark

Real-time Data Services

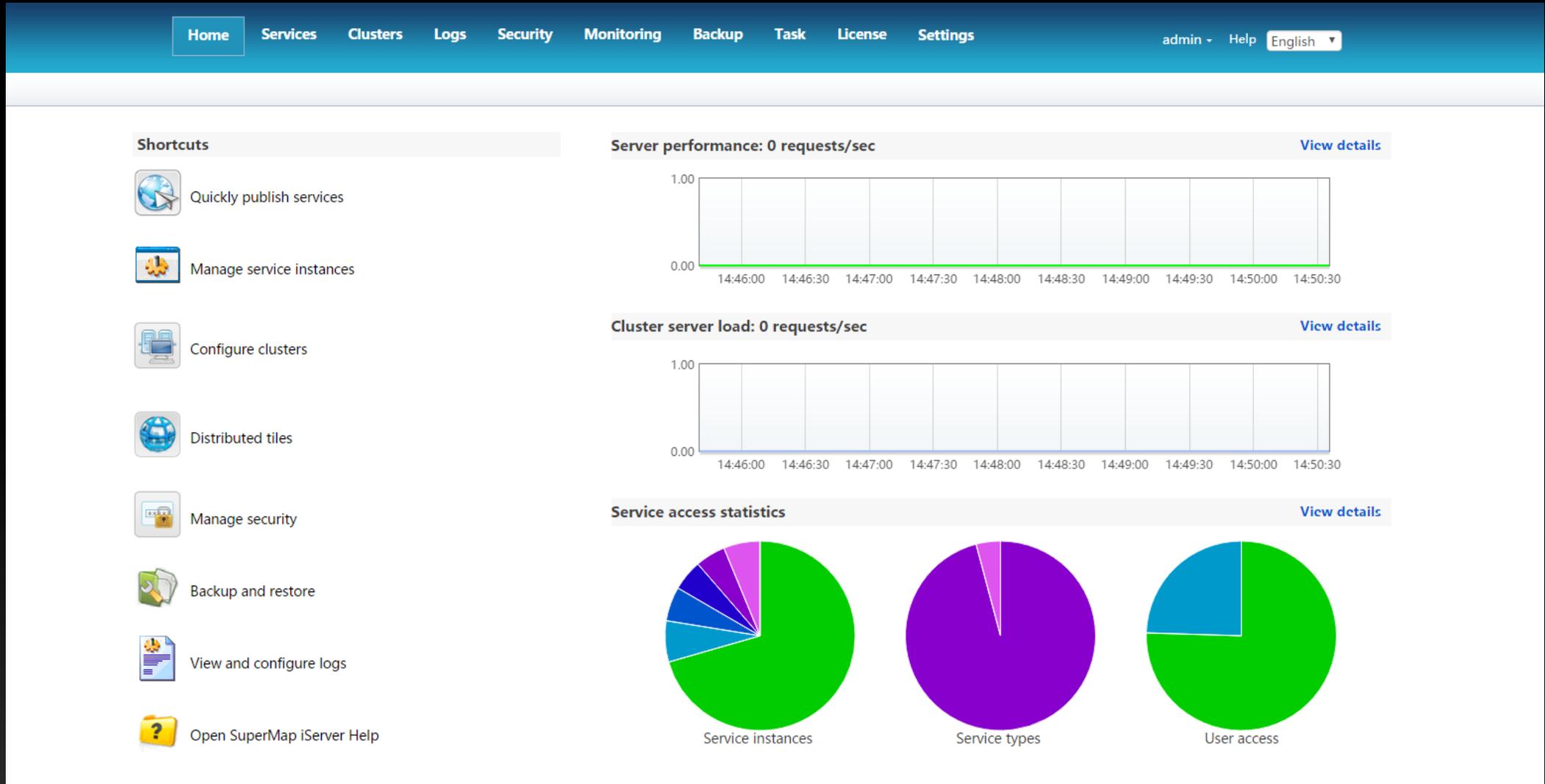Real time data analysis and processing

Data Catalogue Services

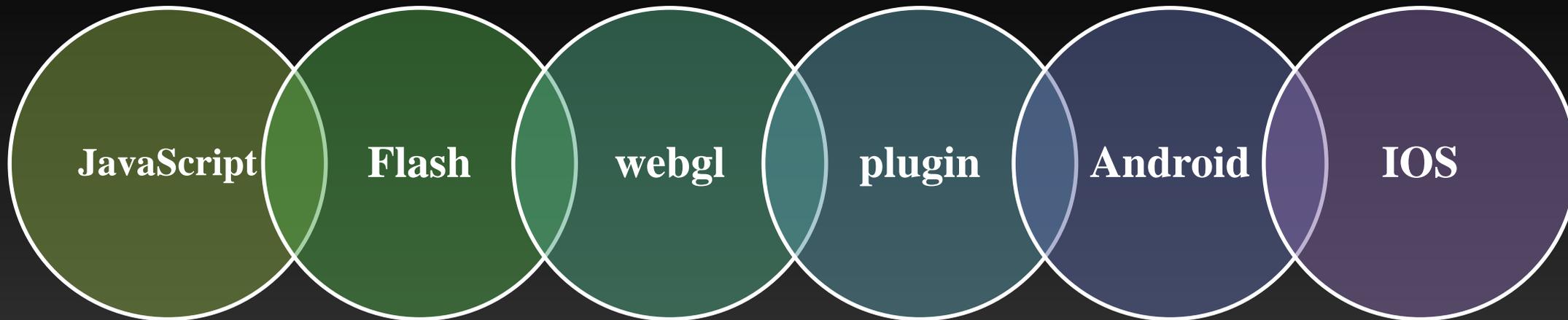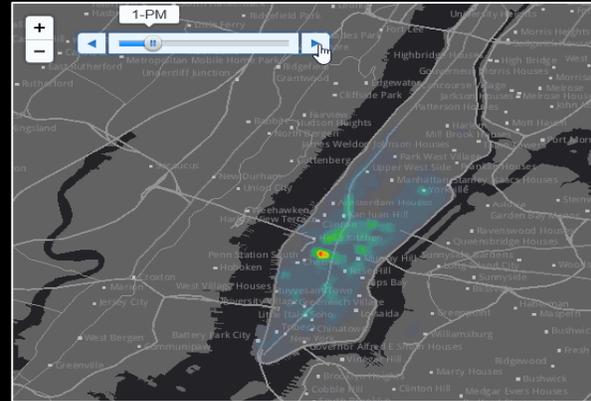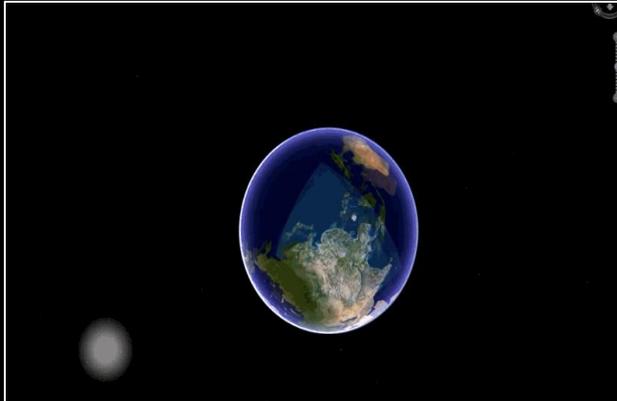Indexing data

Managing data

Data Stream Services

Real time data transfer

Provide server propagation and client

subscription function based on

WebSocket protocol

Service Management Capabilities

Diverse Client development APIs—SuperMap iClient

JavaScript | **Flash** | **webgl** | **plugin** | **Android** | **IOS**

Support Personalized GIS Services - Extension Development

Loosely-coupled service components

- **Allow to construct industrial service components for all service layers**

Development Kit

- **Construct custom business components quickly**
- **Realize dynamic linkage, integration of services layers**

Microkernel technology

- **Manage custom services easily**

03 Product Packages

Product Packages

- SuperMap official website
  - https://www.supermap.com/en/html/SuperMap_GIS_ProductPackages.html
- Product Packages
  - Install packages：
    - SuperMap iServer 9D for Windows (64 bit) (Setup package)
    - SuperMap iServer 9D for Windows (32 bit) (Setup package)
  - Zip packages：
    - SuperMap iServer 9D for Windows (32 bit) (ZIP package)
    - SuperMap iServer 9D for Windows (64 bit) (ZIP package)
    - SuperMap iServer 9D for Linux (64 bit)
  - WAR package：
    - SuperMap iServer 9D (war package)
  - Deploy packages:
    - SuperMap iServer 9D for Windows (64 bit) (deploy package)
    - SuperMap iServer 9D for Linux (64 bit) (deploy package)