

SuperMap iServer Introduction

SuperMap Software Co., Ltd.



01

Product Positioning

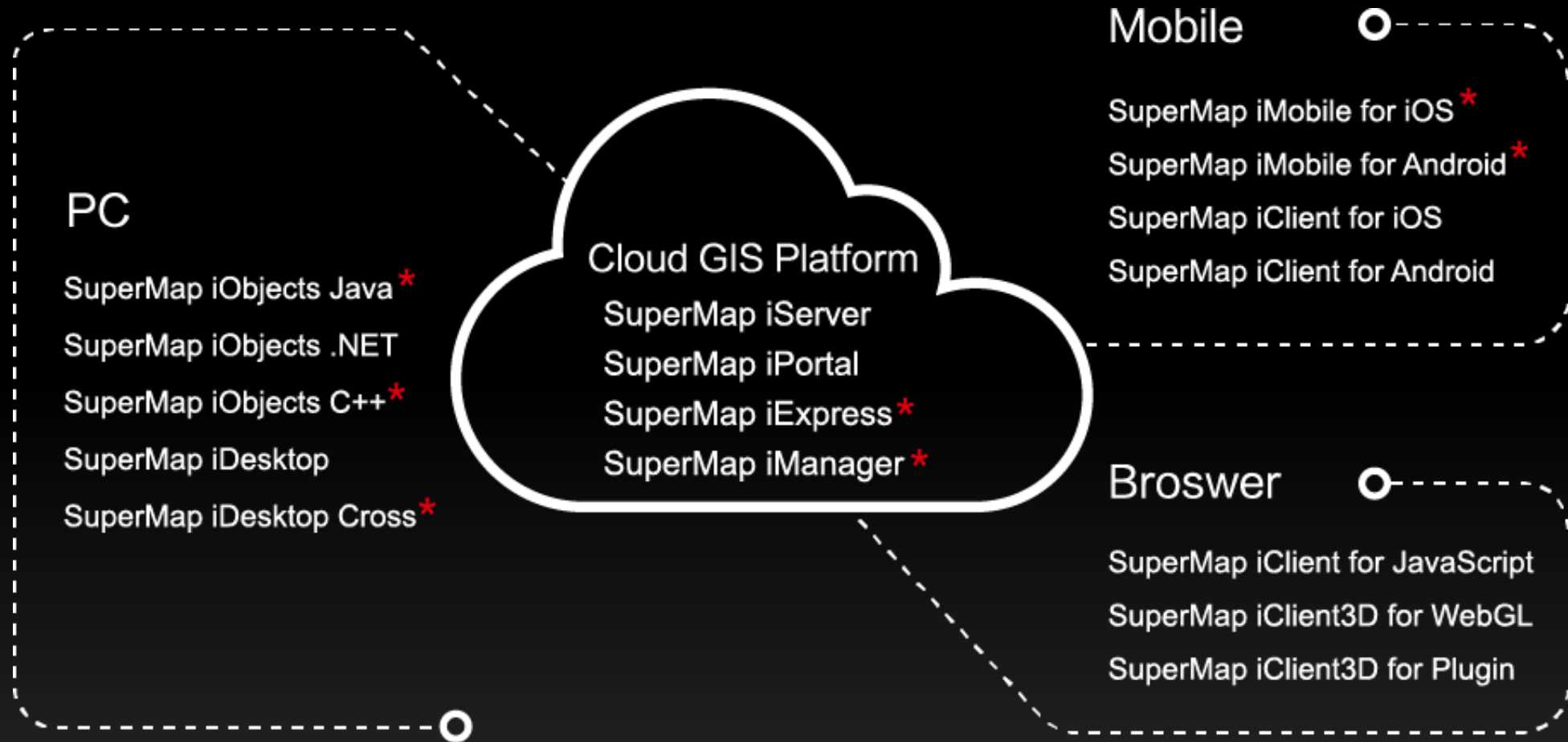
02

Product Capabilities

03

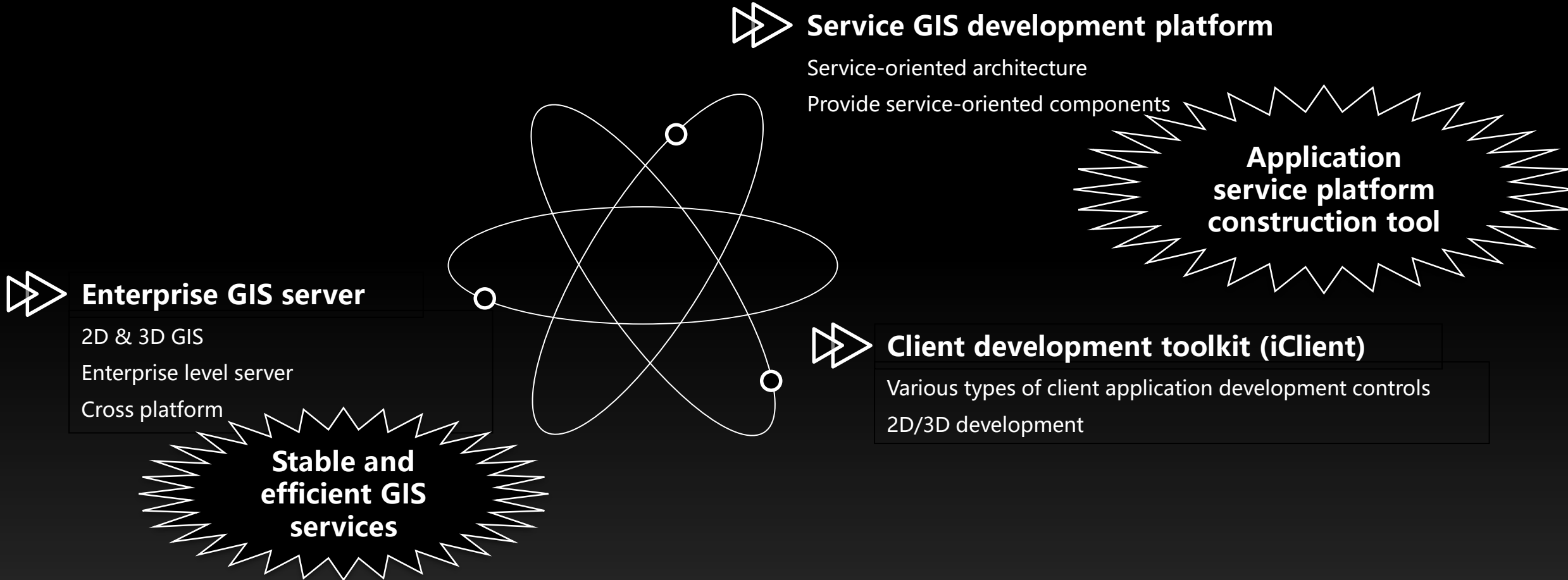
Product Packages

SuperMap GIS 9D Cloud & Terminal Integrated Architecture



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

Product Positioning



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

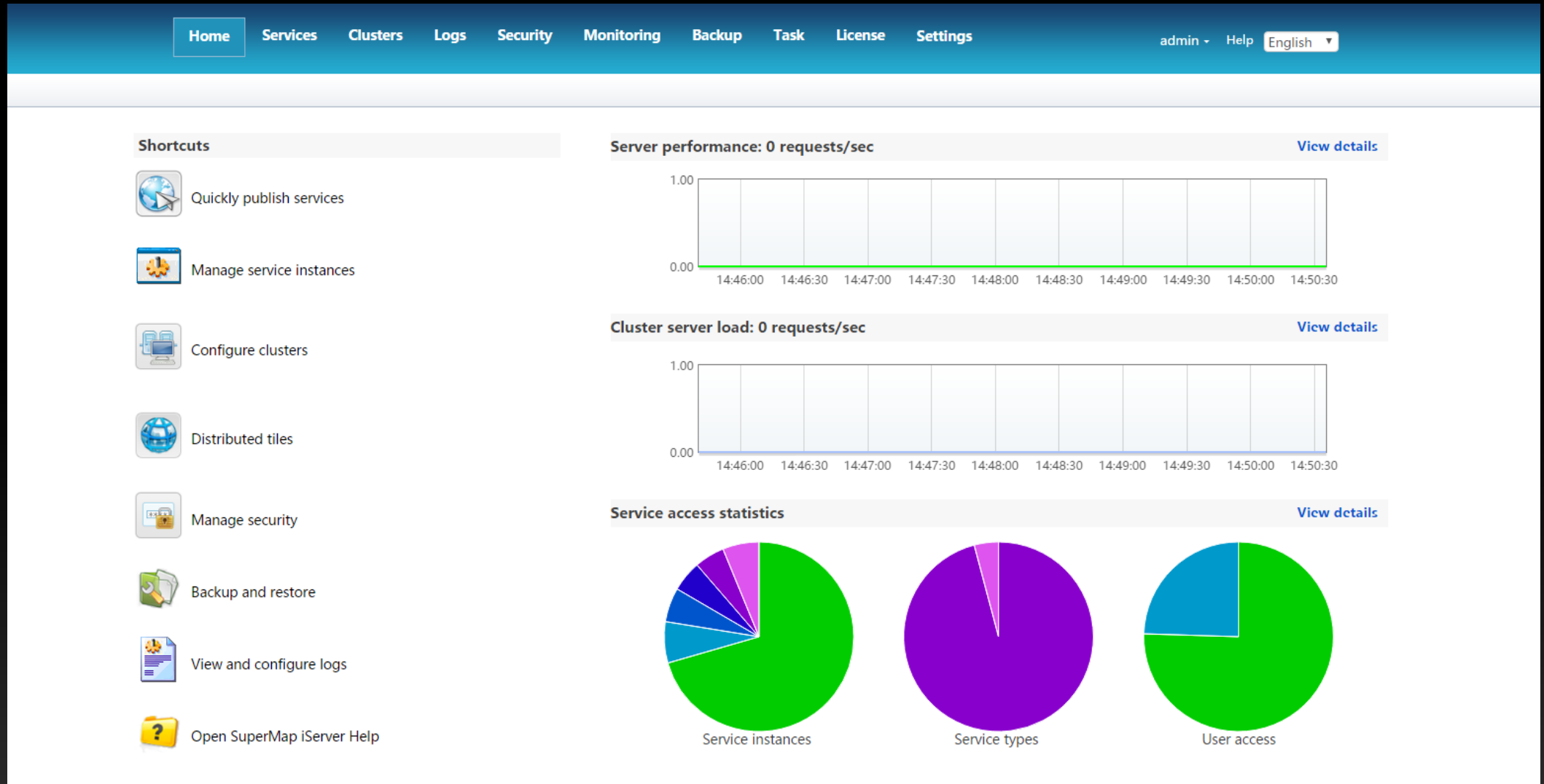


Data Stream Services

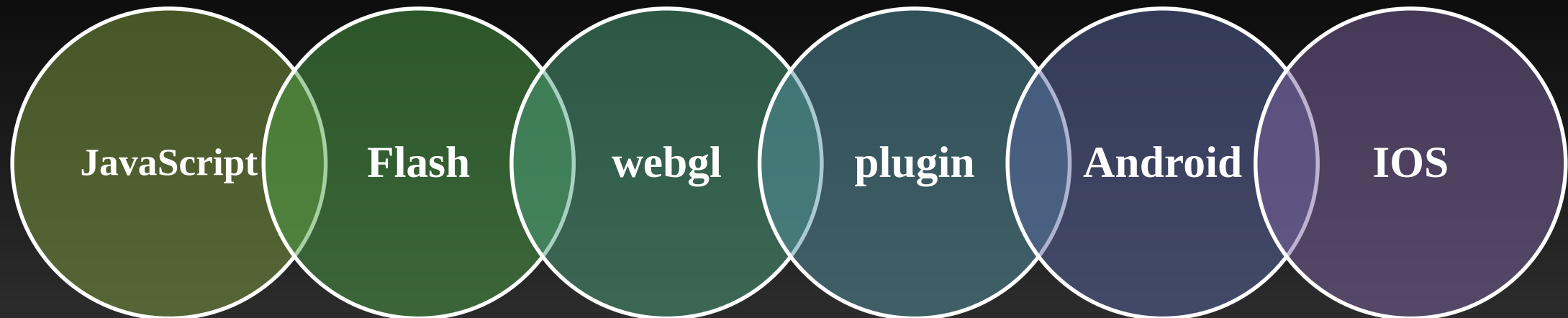
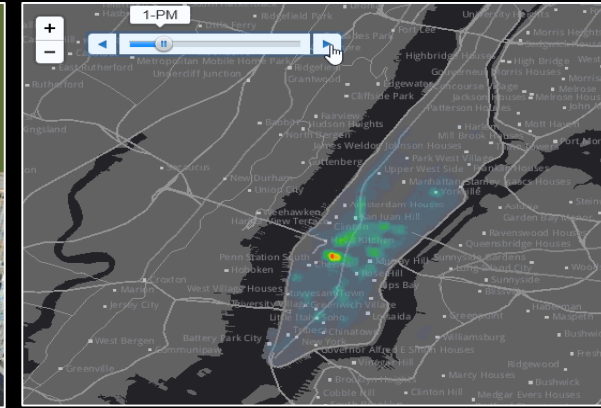
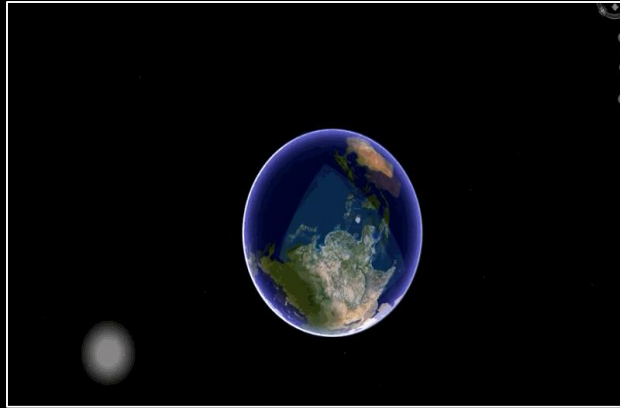
Real time data transfer
Provide server propagation and client
subscription function based on
WebSocket protocol



Service Management Capabilities



Diverse Client development APIs—SuperMap iClient



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)



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Thank You!

