

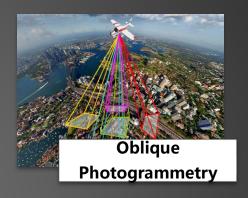


New technology Empower Smart City Construction





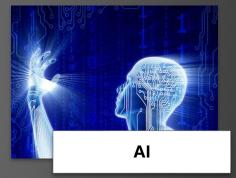


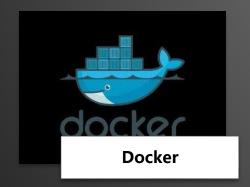










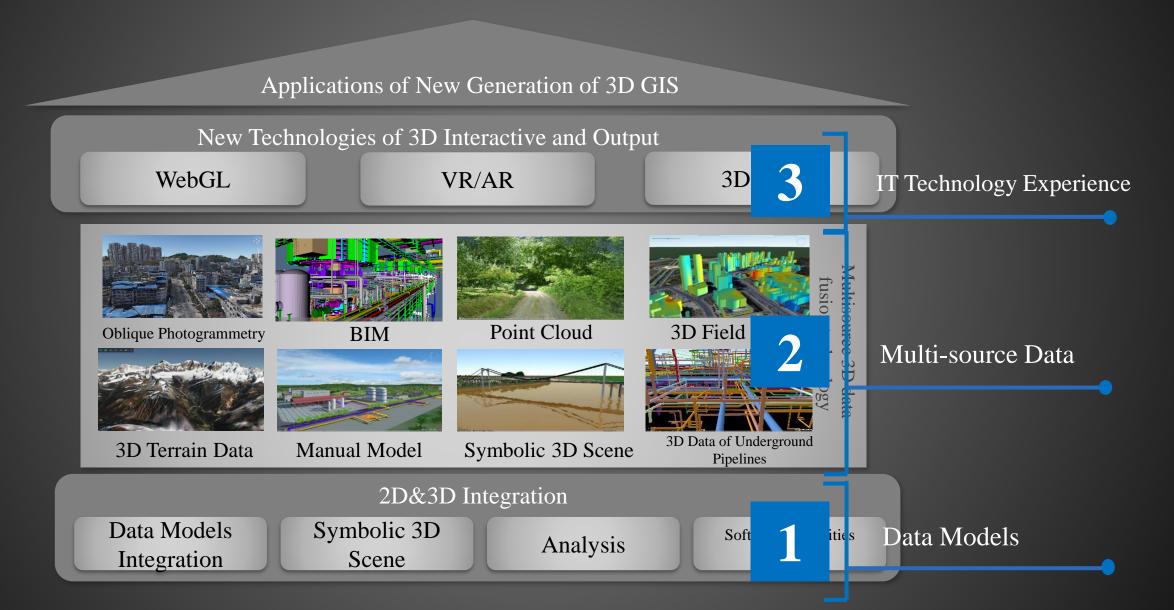








New Generation of 3D GIS





Big Data Analysis and Cloud Storage

Cloud Storage

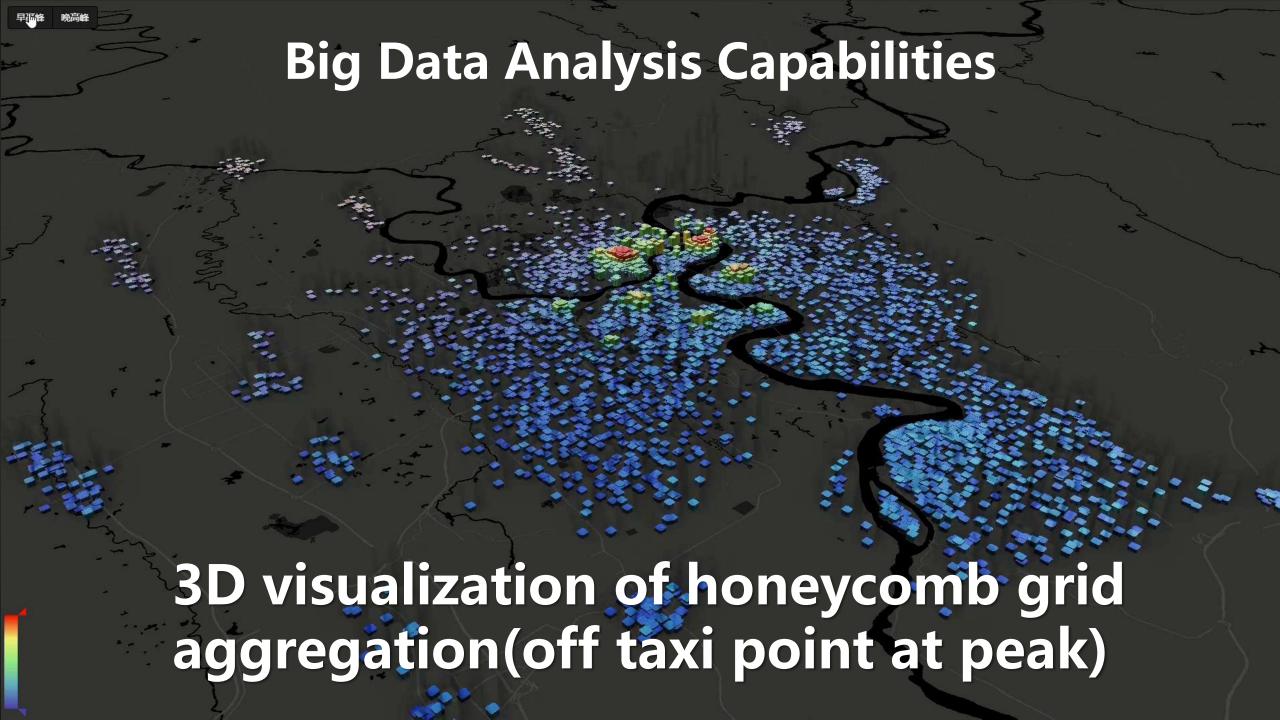
Unified Standard Spatial Big Data management engine



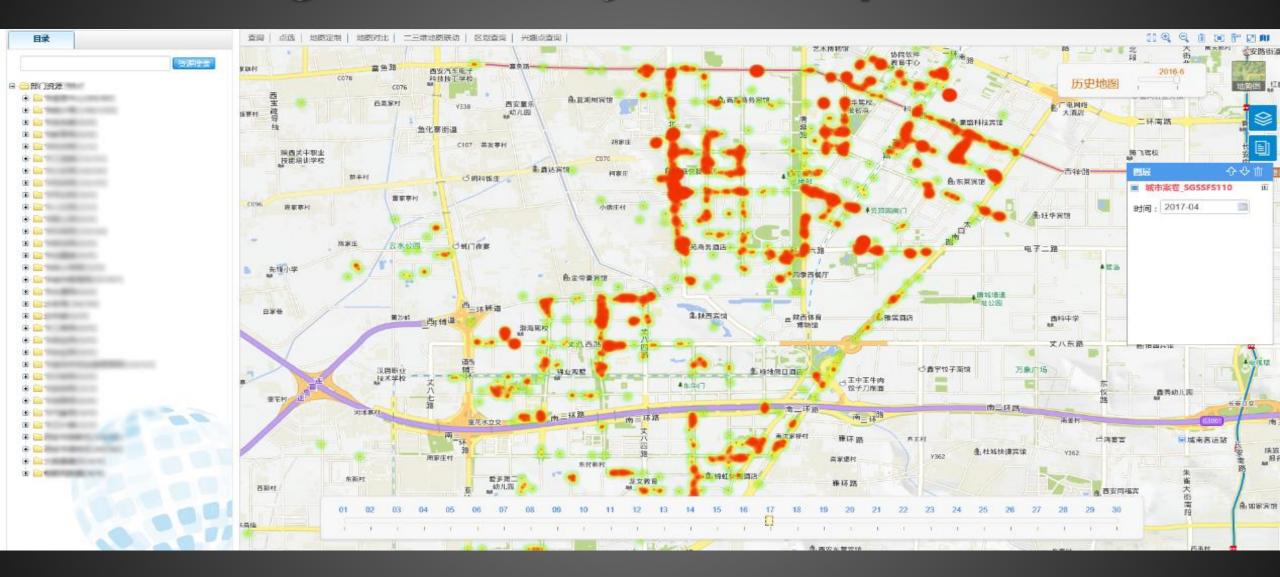




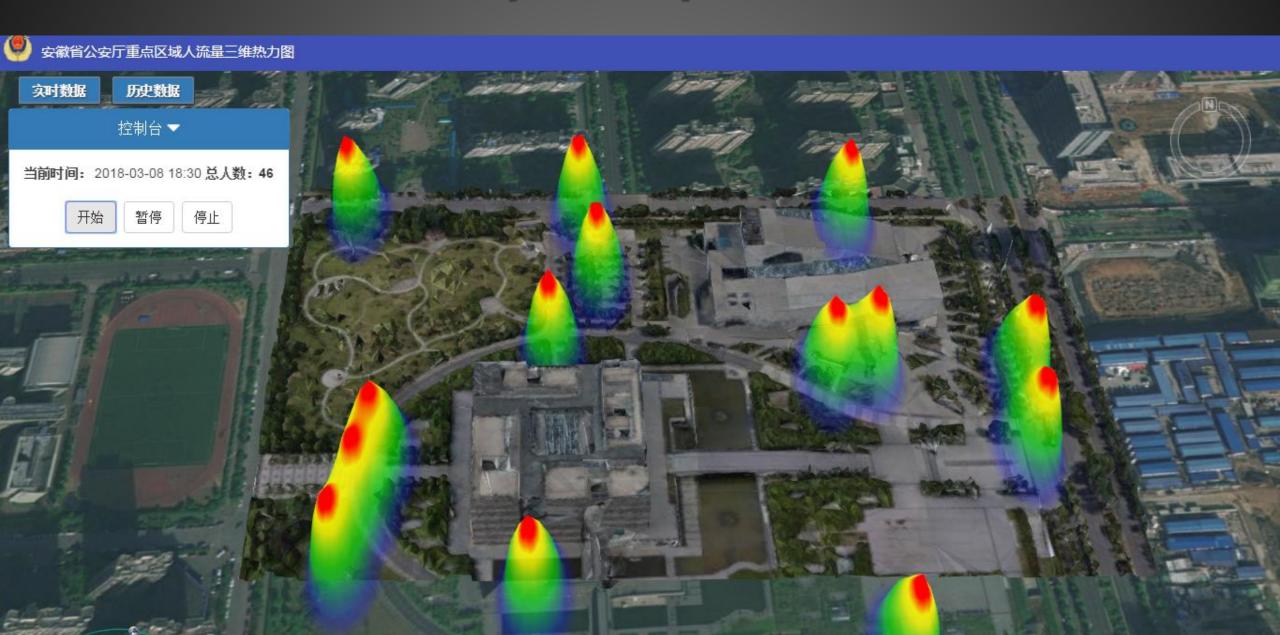




Big Data Analysis of Population



Heat Map of Population flow



2

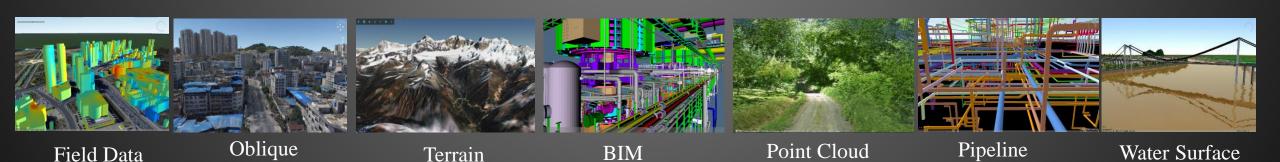
2D & 3D Integration System

Smart City: Support Multi-source 3D Data



Spatial 3D Model (S3M)

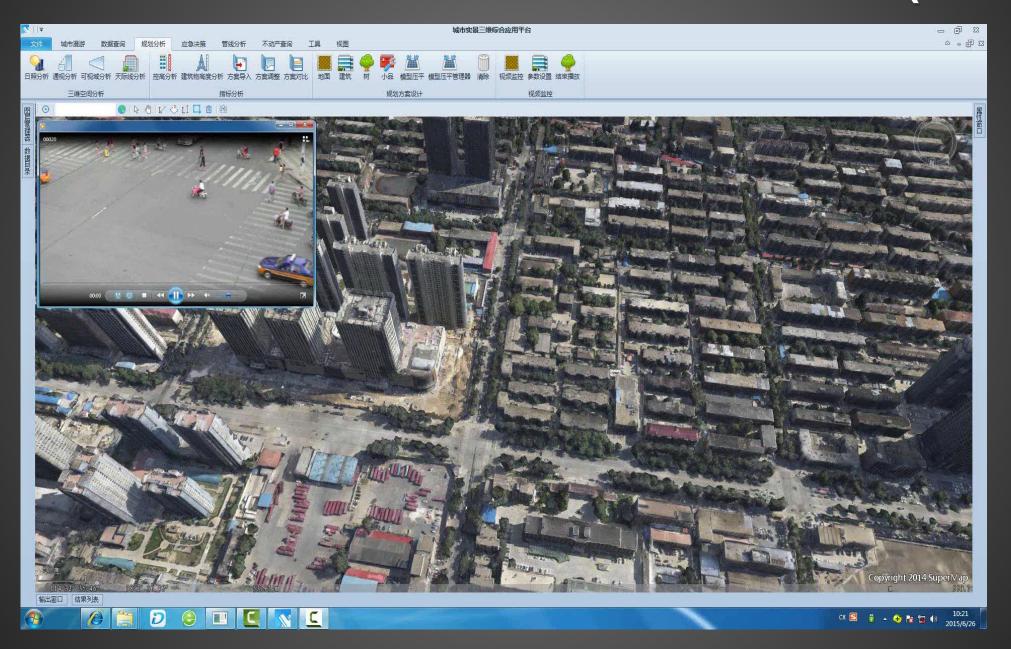
photogrammetry



Connect Real-time Data from Cameras and Sensors



Connect Real-time Data from the Camera (Video)



Above Ground and Underground Integration Display

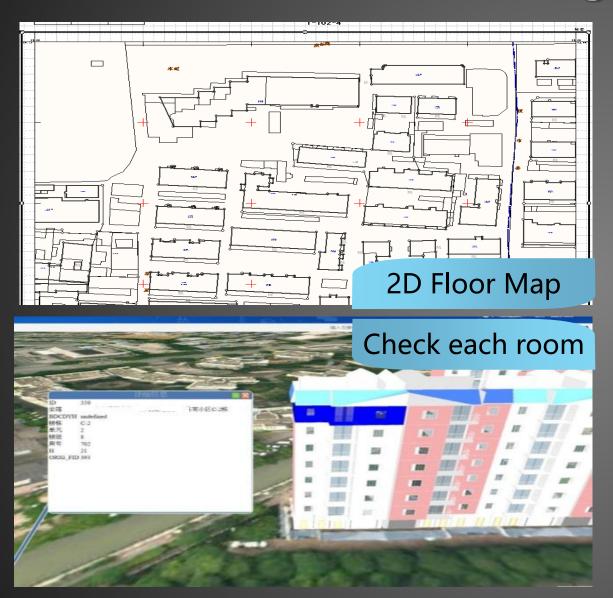


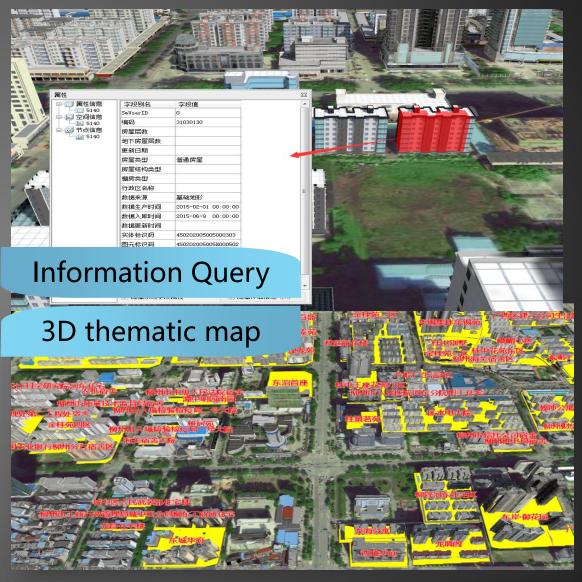






2D & 3D Integration Display





Urban Planning and Urban Design



City Map



Planning model

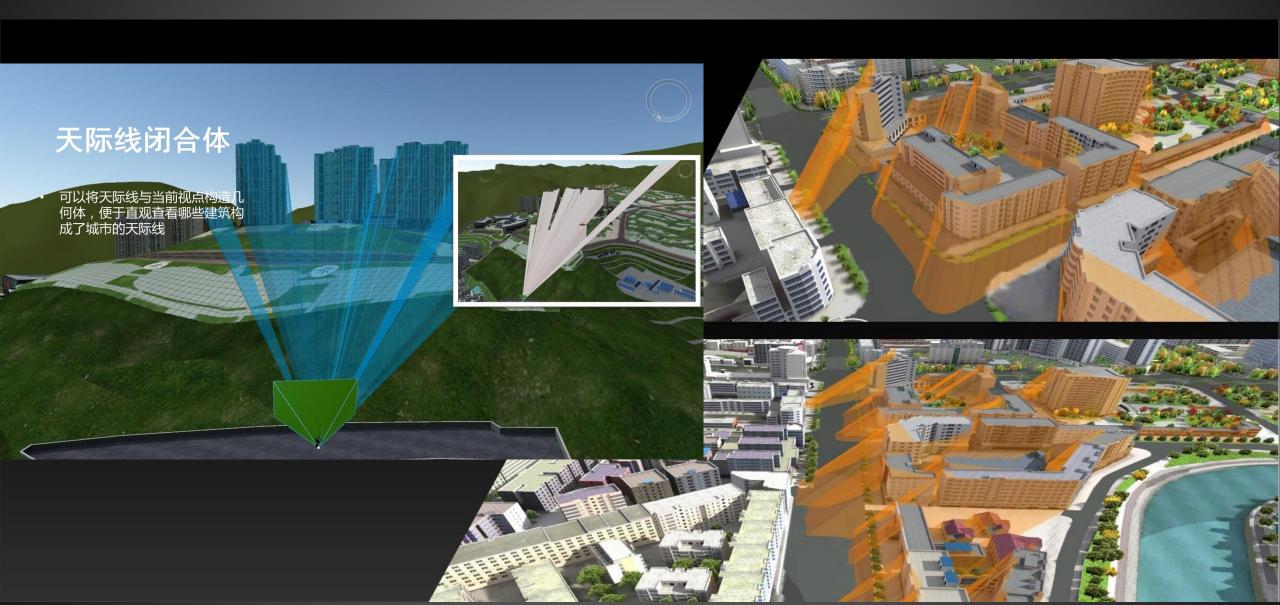


BIM Model



3D Map of Urban Planning and Design

3D Analysis Capability



Dashboard System









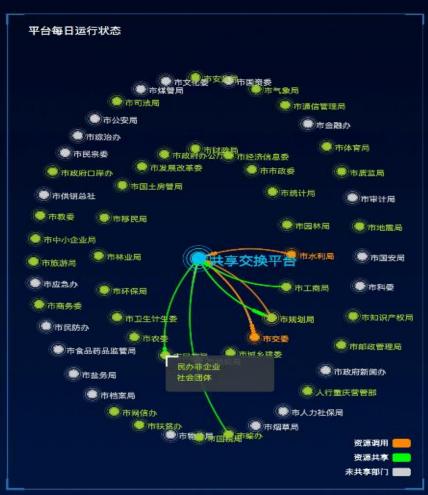


Dashboard - City Comprehensive Information Statistics





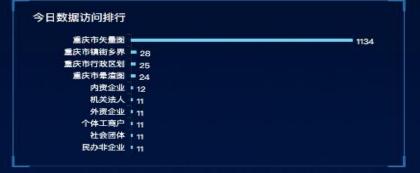




资源目录覆盖部门数	已共享部门(单位)数	实时共享部门(单位)数
51 个	44 个	15 个
共享资源目录数 1,508 类	已共享资源总数 493 类	实时共享资源数 247 类
累计用户登录次数	累计数据调用次数	累计访问流量
10,219 次	12,255,027 次	117,181 мв
今日用户登录次数	今日数据调用次数	今日访问流量
24 次	1,667 次	11 MB

共享数据情况统计

类型	本月共享	累计共享
数据文件(个)	0	796
数据库(个)	0	4
服务(个)	2	39
文档资料(个)	o	1



Chongqing Public Information Resource Sharing Platform



BIM+GIS Service Smart City Management Application







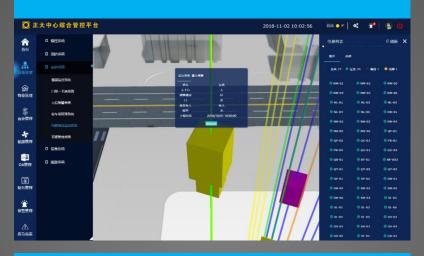


Network Topology Management Based on GIS

Integrated Management of Equipment, Systems and Space



Real-time Monitoring of Operating Status



Device Topology Configuration Management



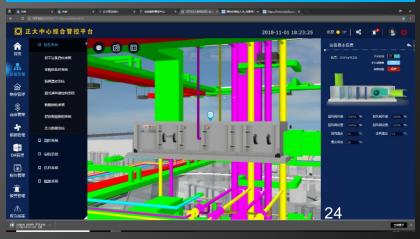
Concealed Equipment Visual Operation and Maintenance



Real-time Environmental Awareness



Fine Management of Equipment Systems



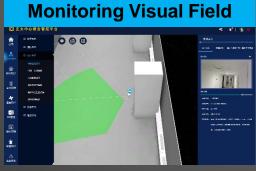
BIM-based Visual Management



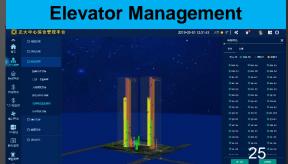












Integrated Business Management

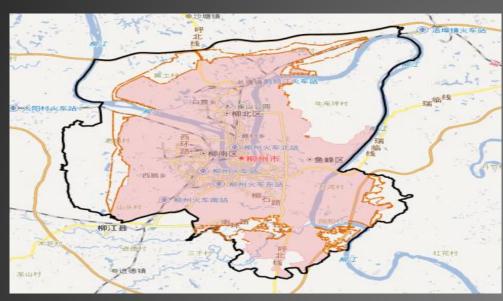




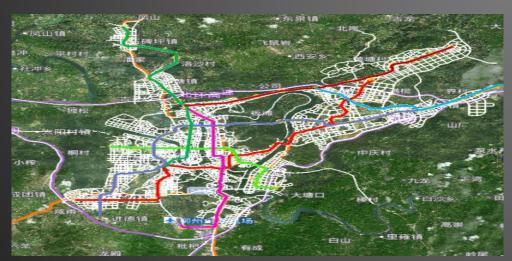


Al-based Analysis Capabilities

Reflecting Urban Changes Based on Big Data and Artificial Intelligence Technologies



Urban Range Change Trend



Urban Road Change Trend



Urban Green Space Change Trend

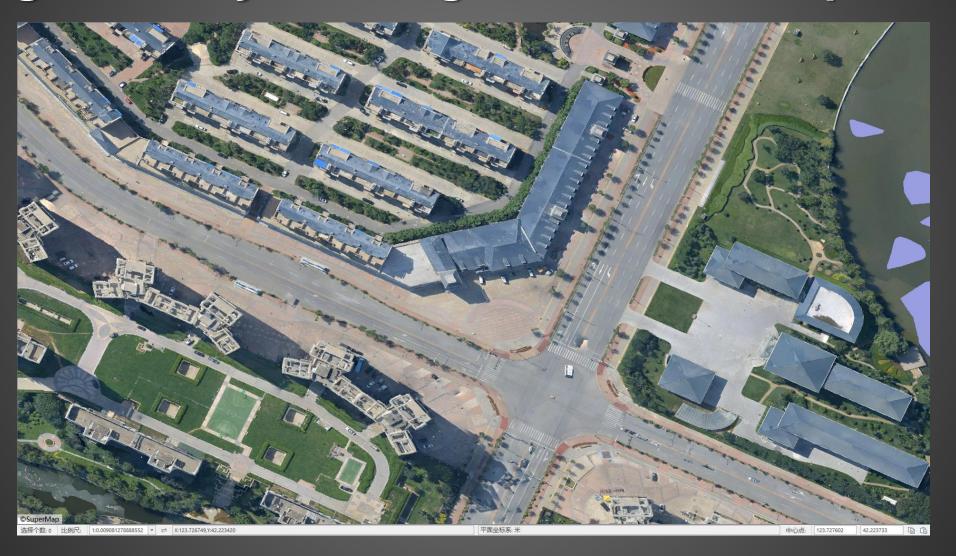


Urban Water Change Trend

Al+GIS -- Image Target Detection based on Deep Learning (Pool)



Al+GIS -- Ground Extraction of Oblique Photogrammatry Buildings Based on Deep Learning



Comparative Analysis of Urban Architecture













Mobile Application

Front-end and Back-end Integrated Construction

Front-end









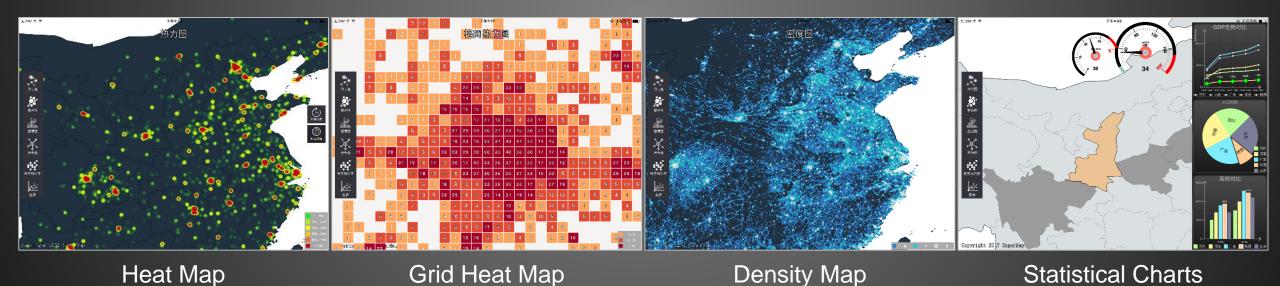


- Law Enforcement, Inspection
- Task Management
- Statistical Analysis
- Track Record

- Business Management
- Scheduling and Command
- Strategic Analysis
- Assessment

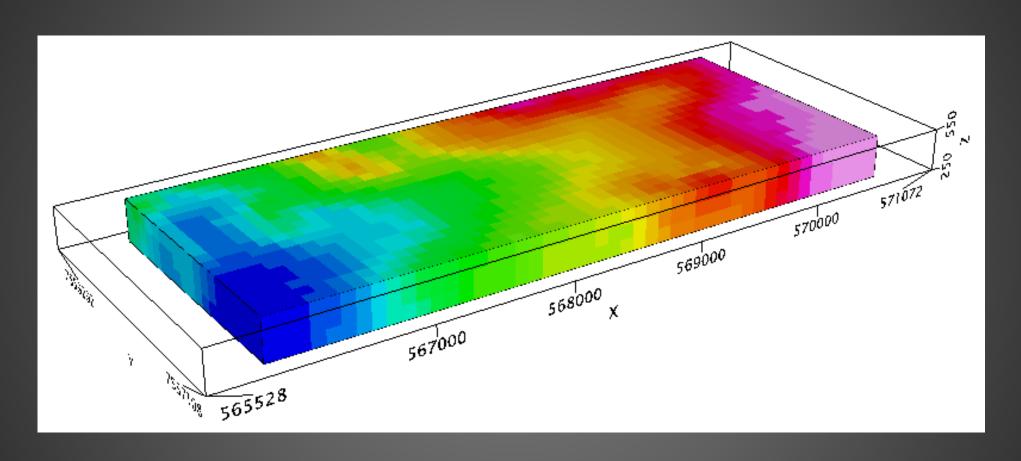
Data Insight

The System Analyzes the Task Data and Conducts Data Mining Through Density Charts, Heat Maps, Relationship Diagrams, Aggregation Diagrams, and Statistical Charts Such As Histograms, Pie Charts, and Line Charts to Achieve Data Insight.





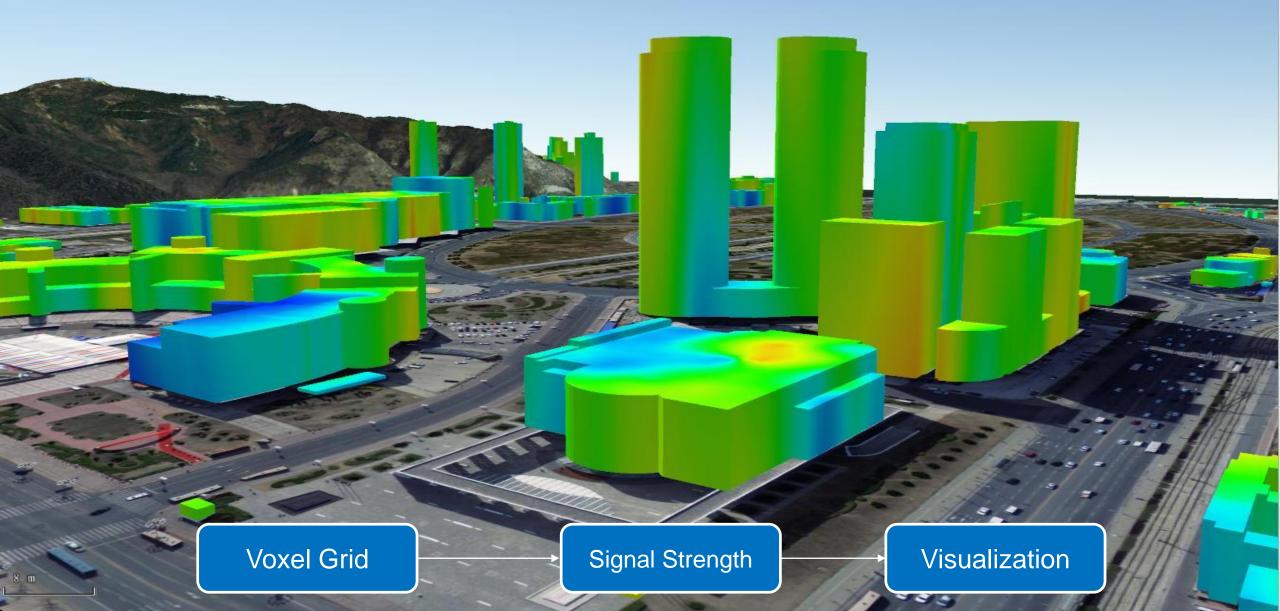
Grid to Voxel Grid



3D expression for signal strength

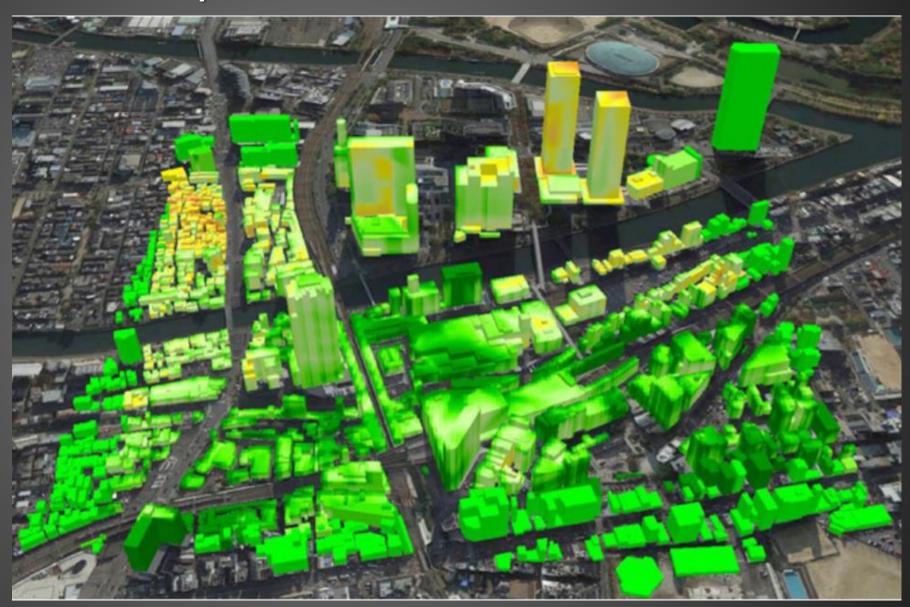
The Signal Expression Based on Voxel Grid



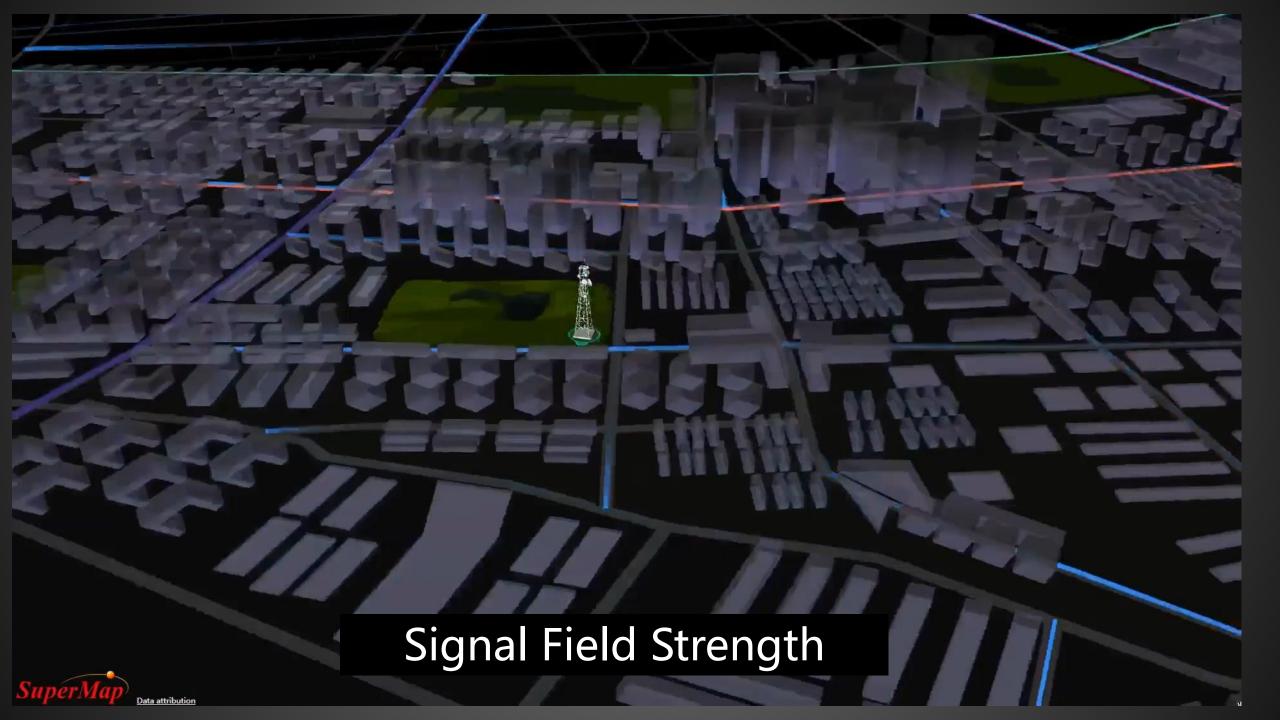


Expression of 5G

Simulate the coverage index from different height of buildings.







Demonstration





SuperMap iDesktop .NET



AfricaGIS 2019

Innovations in Geospatial Technologies for Achieving Sustainable Development Goals in Africa

Kigali Conference and Exhibition Village, Rwanda 18 – 22 November 2019



Welcome to our booth

Thank you!