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GIS

Smart IoT Water Management System

- Scientific management of water supply and water drainage in a modern recycle environment
- Helps much in preventing disasters and reducing damages regarding basin development
- A variety of IoT sensors working for realtime monitoring, intelligent scheduling, and abnormal warning, etc.
- Digital twin water factory running for smart production, product deployment, asset management, smart operation, operation monitoring, etc.
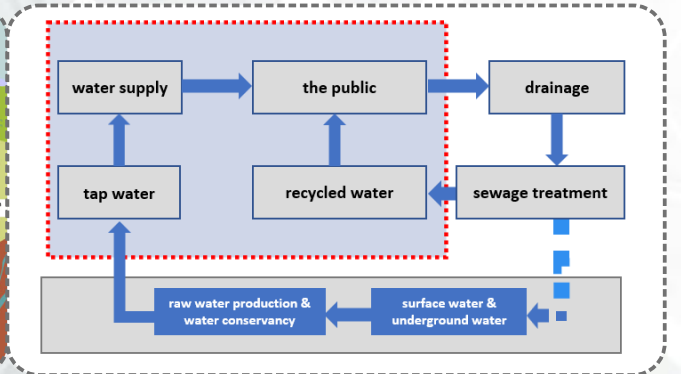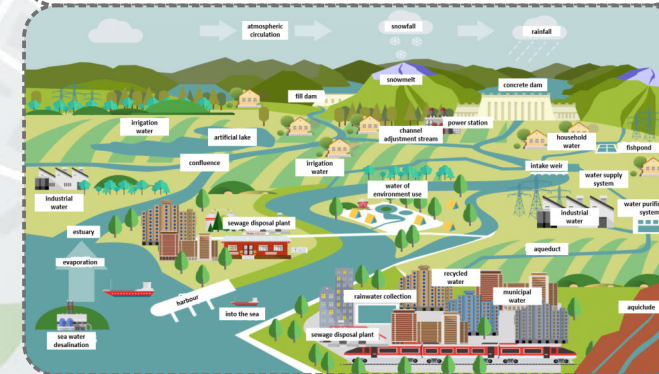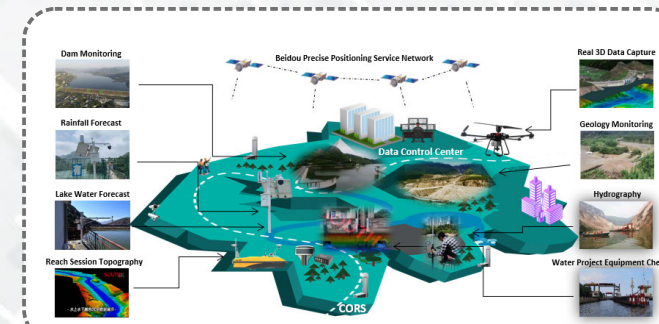
Smart Airport Control System

- A super data hub for overground and underground data of modern airport
- One-map integrated for planning, construction, and management in 3D display
- One-base serving as airport resources core database
- One-platform used for airport full-life-cycle control
- Three-application consisting of clearance control, taxiway operation and pipeline management
- Comes up with a modern infrastructure unit with digital operation and scientific control
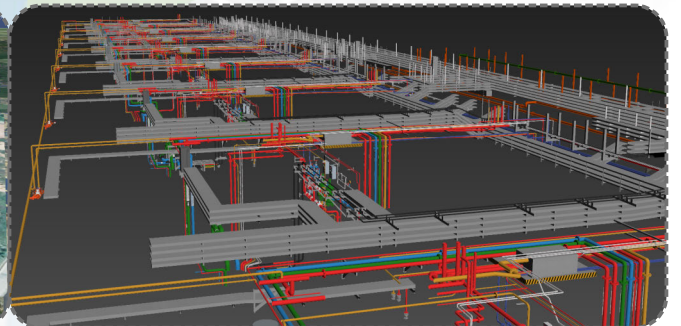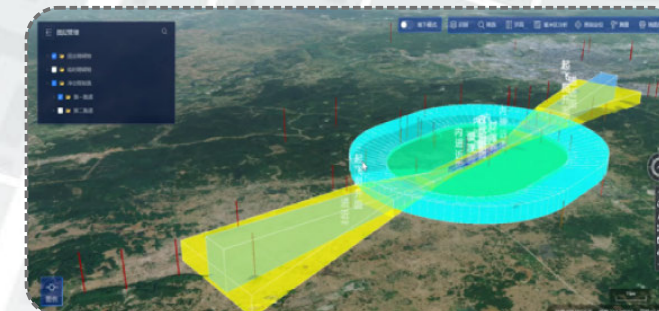
Urban Unauthorized Land Use Investigation System

- Smart investigation integrated with multi-source data, independent of manual visual inspection only
- Target detection and feature extraction powered by online training model and AI deep learning
- One platform consisting of sampling, model training, assessment, and application
- Data-driven smart management loop closure from discovery to treatment
- General display, violation sourcing, land procession and legal statistics all in one system
- Enjoys integrity, validity, time efficiency, traceability, etc.
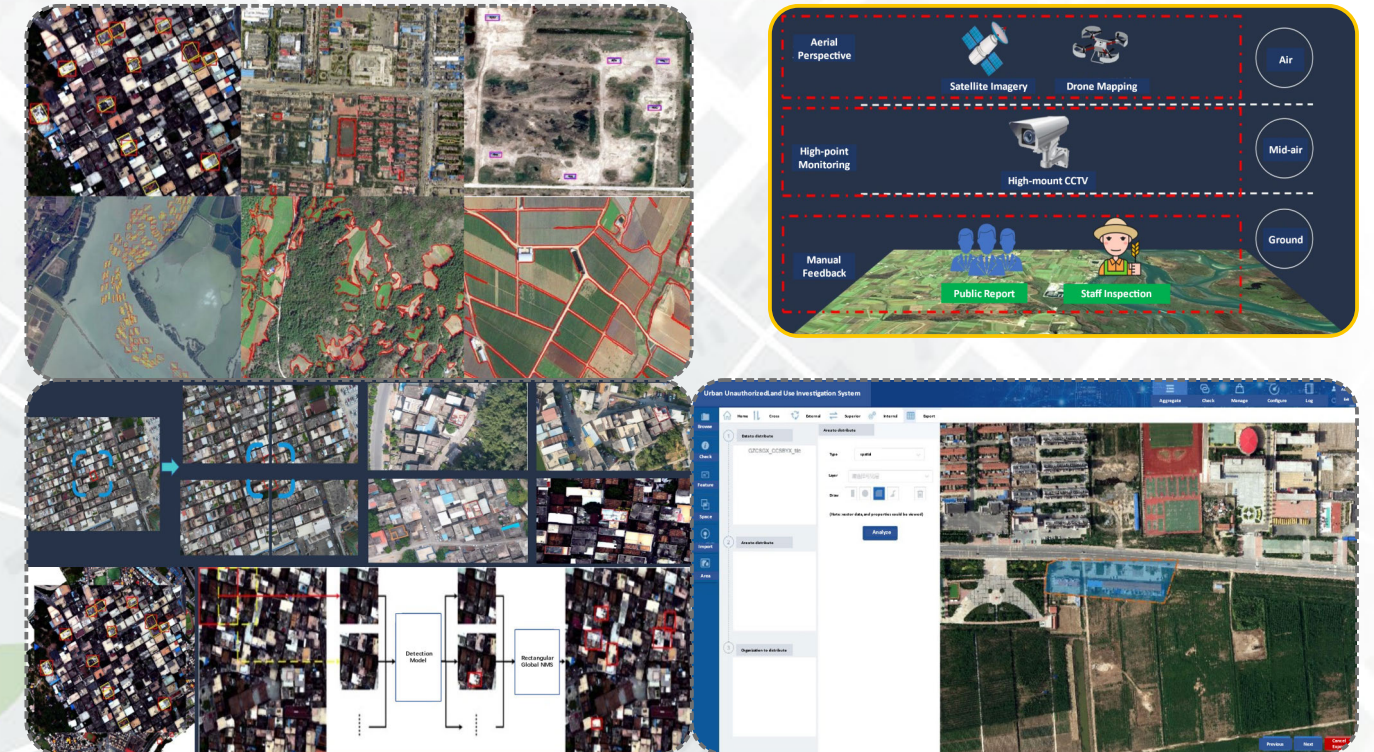
Map One-map

- To generate unified data standards and geo-spatial datum and enhance data integrity for all-purpose uses
- To avoid repeated investments in labor and facilities at different authorities
- To meet the demand of new industrialization reform, modern agriculture transformation, and a fast-growing urbanization process
- Expected to better control of the population, land use, public works, natural resources, public security, etc. and push economic growth by greatly boosting many industries such as real estate, manufacturing, commerce, logistics, tourism, traffic, transportation, etc.
- Plenty of successful cases and implementation experience in mainland China
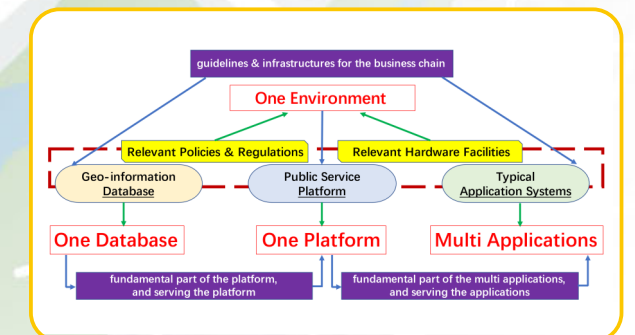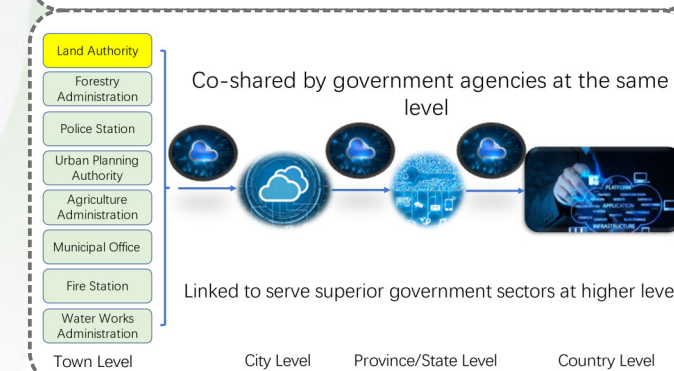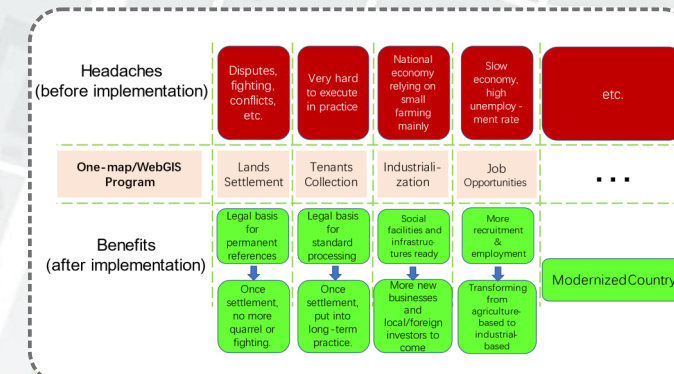
Smart City Brains

- Benefits a great deal to government, businesses, and the public in terms of efficiency, opportunities, and life enjoyment
- Shaping the digitized urbanism to intellectual control of tomorrow
- Consisting of e-governing, traffic management, public security, and location-based services
- All necessary interactions for local authorities like gas, water supply, electricity and other city components
- Includes precaution, trouble-shooting, and post-analysis as a complete loop closure
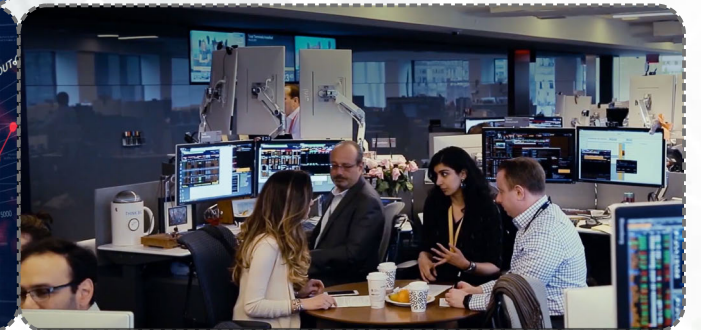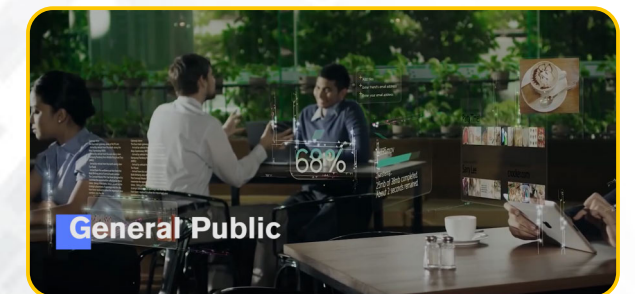
A Variety of Smart City Applications

A smart city is a technologically modern urban area that uses different types of electronic methods and sensors to collect specific data. Information gained from that data is used to manage assets, resources, and services efficiently, and in return, the data is used to improve operations across the city. We integrate information and communication technology (ICT), and various physical devices connected to the Things (IoT) network to optimize the efficiency of city operations and services and connect to citizens, yet plenty of other applications (eg. utilities, community services, power plants, forestry, etc.) are not listed here. Interested parties are requested to contact our team and talk further.

Smart Railway

Smart Mining

Smart Fire-fighting

Smart Electricity

Smart Roadway

Smart Water IoT Control

Smart Pipeline Networking

Smart Housing

Smart Harbor

Smart Maritime

Smart Construction

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