



# VirtualGeo

WORLD CLASS SOLUTION TO FUSE, VISUALIZE AND ANALYZE 2D & 3D GEOSPATIAL INFORMATION



**FUSE**

- Connect to all kind of static and moving data: imagery, maps, elevation, 3D models, crowd-sourced data, weather data...
- Combine them into coherent environments without any time consuming data pre-processing

**VISUALIZE**

- Explore massive 4D geospatial datasets, up to terabytes of data.
- Navigate smoothly from planet to local area including building interiors and undergrounds.
- Visualize large volumes of real-time data (dynamic tracks, full motion video, sensors...).

**ANALYZE**

- Enhance situational awareness using powerful querying capabilities and smart drawing tools
- Understand environments using advanced measurement and analysis tools: viewshed, terrain profile, line of sight...

## ● BENEFITS

### COST-EFFECTIVE

- Enjoy a faster development process of your geospatial applications thanks to a comprehensive "out of the box" set of field-proven components

### FLEXIBLE

- Integrate VirtualGeo as you want: work with your preferred programming language and GUI toolkit, and target all major platforms

### INTEROPERABLE

- Instantly fuse datasets in many different civilian and military formats, projections and geodetic references

### OFFLINE & ONLINE

- Connect your maps to local data repositories as well as geospatial databases and OGC compliant web-services

### HIGHEST PERFORMANCE

- Visualize massive geospatial datasets, up to terabytes of data, and track thousands of dynamic objects in real-time

### 3D CITY EXPLORATION

- Explore and edit high-resolution 3D urban environments, including building interiors and undergrounds

### SCALABLE

- Run your applications on any desktop or mobile device with a full control of the trade-off between quality and CPU/memory usage

## ● PACKAGING

### • SDK

A complete and easy-to-use kit for rapid development of geospatial applications on desktops and mobile devices



### • WEB

An easy-to-use and cross-browser kit for rapid development of advanced web-based geospatial applications



### • STUDIO

A powerful and user friendly application to quickly prepare, explore and publish efficient maps



## ● FIELDS OF APPLICATION



### DEFENCE

- Mission planning
- Command & control system
- Battle management system
- Unmanned system
- Training system



### SAFETY & SECURITY

- Protection planning
- Emergency response operations
- Surveillance system
- Critical infrastructure protection
- Border control system



### URBAN & TERRITORY PLANNING

- Gaining public support for proposal
- Impact assessment
- Virtual online tour of future project
- Urban project communication
- Environmental data visualisation

For more information, please contact DIGINEXT

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