

(SimMAP) GEOGRAPHIC INFORMATION SYSTEM

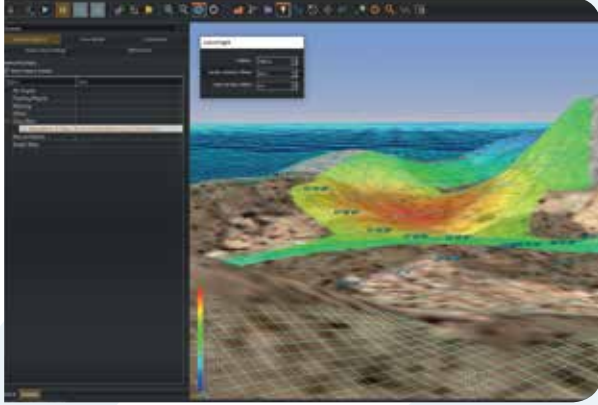
**FAST | ACCURATE | RELIABLE | HD
HIGH PERFORMANCE | CUSTOM TAILORED**

Complies with any customer-specific requirements such as localization, verification, route planning, safe driving patterns, visualization and simulation

- HD Maps and Navigation - Critical Data
- Military Standard 2525C Symbology Support
- Real-Time Localization for Various Road Types and Driving Conditions
- Route Capabilities
- Analysis Capabilities
- Measurement Capabilities



GEOGRAPHIC INFORMATION SYSTEM



Basic Map Functions

- Zoom, Pan, Scale
- Different Layer Visualization
- Displays High Resolution Geographic Information
- Picking and Selection Support

Layer Management

- Raster Map Layer (Pictures/Imagery, DTED, GeoTIFF etc.)
- Vector Map Layer (S57, Shape Files)
- Tactical Graphics and Symbols
Military Standard 2525C Symbology Support
Military Tactical Symbology Editing Capabilities
User Defined Symbology Support

Drawing Capabilities

- Point
- Polygon
- Line

Route Capabilities

- Defining Route
- Previewing Route

Measurement Capabilities

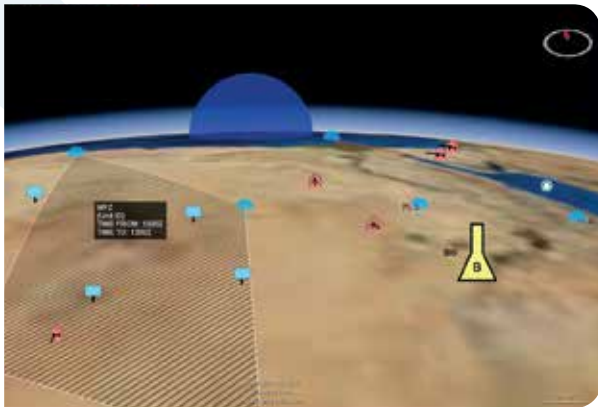
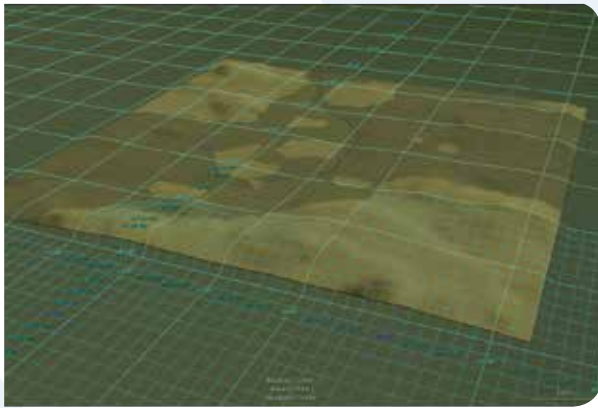
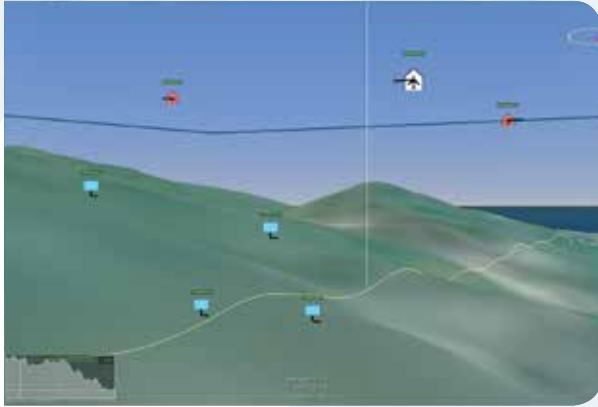
- Area
- Volume
- Distance
- Angle

Analysis Capabilities

- LOS (Line of Sight)
- Algorithm for Approximate Viewshed Computation
- Coverage Area Analysis
- Mathematical Analysis

Visualization

- 3D Visualization
- Damage Status/Name/Symbol Visualization Infrastructure
- Extensive Layer Style Control Including Font/Style/Opacity
- Advanced Text Label Placement and Management
- 3D Data Support (.ive, .pve, .flt)
- Real-time Representation of 2D/3D Entities



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