

POWERFUL 3D GEOSPATIAL WEB VIEWER

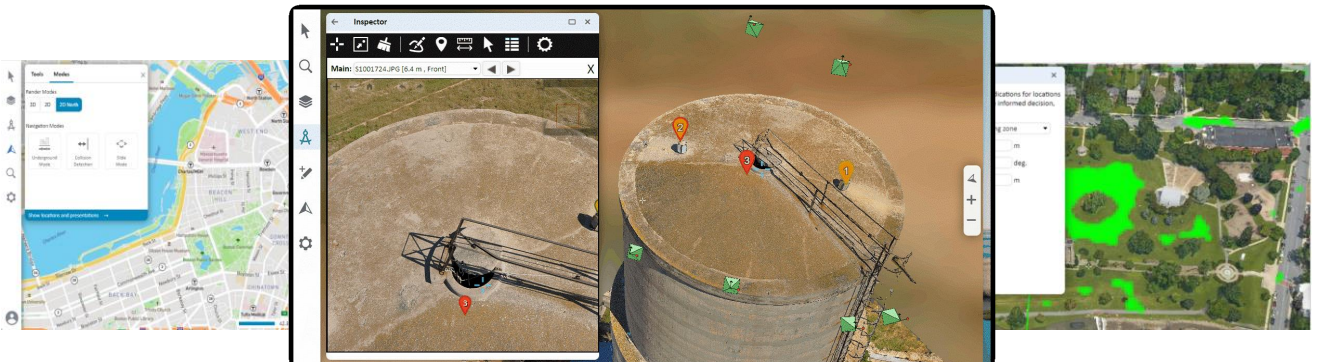
TerraExplorer Fusion is a powerful 3D geospatial web viewer for exploring, analyzing, and editing high-resolution, stunningly realistic 3D content right in your web browser.

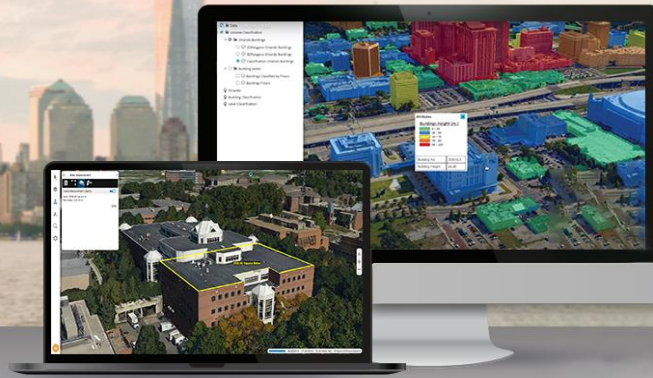
TerraExplorer Fusion enables you to view layers and objects from SkylineGlobe Server and other GIS data servers, perform powerful measurements and analysis operations, and dynamically explore the 3D World via presentations which merge a custom flight path with distinct displays of the project.

Available in two versions —Viewer and Plus—TerraExplorer Fusion caters to varying needs. Plus offers advanced analysis tools, as well as enhanced integration with SkylineGlobe Server, enabling efficient layer loading, feature layer editing, and direct project publishing on the server.

Based on TerraExplorer Desktop source code compiled to WebAssembly, TerraExplorer Fusion supports nearly all the layers and objects available in the Desktop version and uses the same API for seamless code sharing.

TerraExplorer Fusion serves as a central component within the TerraExplorer family of products, integrating seamlessly with TerraExplorer for Desktop and TerraExplorer for Mobile. With a shared technology and API at their core, data published to SkylineGlobe server is ready for consumption by all TerraExplorer clients.





EXPLORE DATA

View terrain overlaid with imagery and elevation, 3D mesh, BIM, CAD, Lidar point cloud, and feature (vector) layers.

CREATE, EDIT AND SHARE

With TerraExplorer Fusion Plus, you can load any layer type from SkylineGlobe Server: 3DML, elevation, feature, imagery, or point cloud. Loaded feature layers can be edited, and all modifications automatically saved to the server. Basic drawing objects are also supported.

MEASURE AND ANALYZE

Zoom in and search the 3D World to gain new perspective. Increase understanding and improve decision making with a set of powerful tools for 3D World measurement and analysis.

CREATE CUSTOM WEB APPLICATIONS

Unlock a world of customization with TerraExplorer Fusion (TEF). This platform allows the creation of web applications tailored to your user groups, with extensive localization & configuration options. Leverage the comprehensive TerraExplorer API to expand Fusion's capabilities with custom tools.

SUPPORTED DATA

- Terrain (SGS MPT / WMS)
- GIS Feature (SGS / WFS)
- Imagery (SGS / WMS / WMTS / MAPBOX)
- Elevation (SGS / WMS / WMTS)
- 3D Mesh (3DML / 3D TILES / BIM)
- 3D Models (XPL, DAE, GLB, OBJ)
- Point cloud (SGS CPT)
- KML/KMZ
- Objects and Dynamic Objects
- Effects and Animations

ANALYSIS TOOLS

- Query Tool
- Distance and Area
- Volume Analysis
- Terrain Profile
- Viewshed Analysis
- Contour and Slope Maps
- Comparison Tool
- Clear Path
- Photo Inspector
- High and Low
- Cross Section

PRESENTATION TOOL

Dynamically explore the 3D World via presentations included in projects published from TerraExplorer Desktop to SkylineGlobe Server. These presentations merge a custom flight path with distinct displays of the project.