Skyline® it's your world™

TerraExplorer

The TerraExplorer family of products comprises a range of 3D GIS clients for viewing, querying, analyzing and presenting geospatial data in a high resolution 3D environment. Using Skyline's cutting-edge TerraExplorer application, stunningly realistic 3D visualizations can be created and then shared with web, desktop, and mobile users. The wide range of powerful analysis tools available from all TerraExplorer applications allows users to extract vital intelligence from geospatial data.

TerraExplorer for Desktop

With Skyline's flagship 3D GIS desktop viewer and creator, users can create and publish new, realistic 3D views by overlaying the terrain with unlimited data layers, 3D models, animation effects, virtual objects and more.

TerraExplorer for Mobile

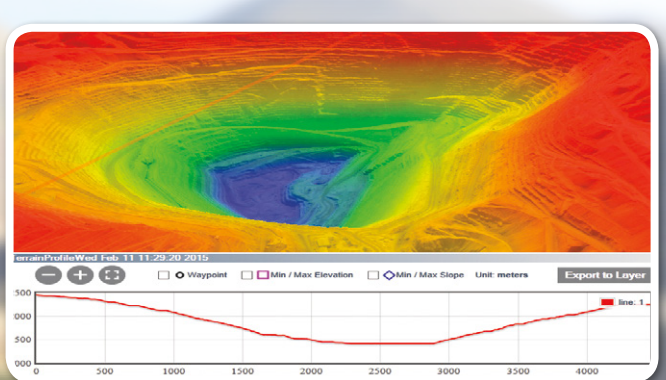
Skyline's advanced 3D GIS viewer and editor for **Android** and **iOS** mobile devices extends the reach of 3D GIS from the office to the field, with professional-grade tools for viewing, querying, analyzing, and editing online and offline datasets.

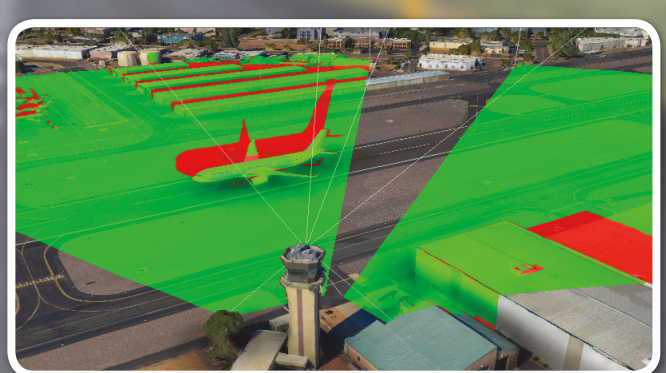
TerraExplorer for Web

TerraExplorer's powerful 3D GIS viewer and editor can be embedded directly in a website to enable online users to explore, analyze, and annotate high-resolution, interactive 3D views.

TerraExplorer for Developers

TerraExplorer's rich application programming interface (API) allows you to easily develop powerful, customized 3D desktop, Web and mobile applications or integrate TerraExplorer capabilities in OEM applications.





Multi-layered Visualizations

TerraExplorer seamlessly fuses terrain, feature layers, raster layers, 3D urban models, point cloud models and 2D and 3D objects into a high-resolution 3D world environment.

Powerful Analysis

A complete set of powerful tools for all forms of 3D world analysis, ranging from distance and area measurement to contour and slope maps, and shadow, flood and volume analysis. Versatile and configurable tools for calculating visual exposure (e.g. line of sight, viewshed, viewshed on route).

Open Standards

TerraExplorer supports a wide range of raster and feature OGC formats:
WFS / WFS-T • WMS / WMTS • KML / KMZ • CS-W • GEE

High Performance

TerraExplorer employs various mechanisms to ensure high performance even in model-rich projects. Advanced tools allow conversion of 2D and 3D model files from various formats to a stream-optimized Skyline-proprietary format for improved display performance as well as download rate.

Customization

TerraExplorer's rich API allows you to easily develop powerful, customized 3D desktop, Web and mobile applications. TerraExplorer's add-on mechanism allows developers to customize and expand TerraExplorer desktop capabilities with new tools.

Vibrant Visual Effects

Advanced particle system engine enables you to create realistic and incredibly precise simulations of weather elements, water effects, or smoke and fire, which bring to life your 3D visualization, with minimal performance penalty.

GIS Feature Data

TerraExplorer's advanced spatial and attribute queries and powerful feature layer operations, such as merging, clipping, and deleting of features, enable users to clearly analyze the spatial relationships between features and manipulate them to their precise requirements.

Publishing Tools

With TerraExplorer's impressive range of publishing options, users can easily share their TerraExplorer project with almost anyone - online, offline, on a computer or mobile device.

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