RELEASE NOTES FOR TERRAEXPLORER FOR WEB 7.0.1

TerraExplorer for Web

TerraExplorer for Web, is a lightweight 3D GIS viewer that seamlessly accesses online data from Skyline's SkylineGlobe Server, enabling you to view high-resolution, stunningly realistic SkylineGlobe 3D content in a web browser, without any plug-ins. This latest addition to Skyline's TerraExplorer product line serves as a perfect complement to Skyline's powerful 3D GIS desktop and mobile applications, offering a simple, no-download, no installation solution for online viewing of terrain, 3D city layers, feature layers, KML files, and raster layers. Based on the HTML5/WebGL standard, TerraExplorer for Web supports multiple platforms and browsers.

PRODUCT CAPABILITIES

Lightweight Online Viewer

Based on the HTML/WebGL standard, TerraExplorer for Web 3D GIS viewer requires no plugin or application installation.

Multi-Platform, Multi-Browser

TerraExplorer for Web provides support for multiple platforms (Windows, Mac, Linux and select mobile devices) and multiple web browsers (Chrome, Edge, Firefox and others).

Explore Data

Explore data from SkylineGlobe Server: terrain, GIS feature layers, imagery and elevation raster layers, urban model layers, and point cloud layers. Data is seamlessly fused for a photo-realistic visualization.

Measure and Analyze

Easily access distance and area measurement tools and graphic terrain profile for an enhanced understanding of the 3D environment.

Data Query

TerraExplorer for Web offers address and point of interest search capability plus reverse search to enable you to quickly find and display the 3D environment information you require.

Optimized Performance

Fast loading times and smooth navigation for a pleasurable user experience.

WHAT'S NEW IN TERRAEXPLORER FOR WEB 7.0.1

GoogleEarth Enterprise Image Provider

- New support for imagery layer from GoogleEarth Enterprise (GEE) server.

- Ability to publish GEE layers from TerraExplorer Pro to SkylineGlobe Server /TerraExplorer for Web.

WMTS Image Provider

- New support for imagery layer from servers that support the OpenGIS Web Map Tile Service (WMTS) implementation.

- Ability to publish WMTS layers from TerraExplorer Pro to SkylineGlobe Server / TerraExplorer for Web.

Null Value Removal for imagery layers

TerraExplorer for Web 7.0.1 supports the removal of a null color from imagery layers published from TerraExplorer for Desktop (including the setting of a specific tolerance).

Support for elevation layers

New support for elevation layers from both KML and published to SGS/TE4W from TerraExplorer Pro.

Enhanced Support for MGRS Coordinates

New option to display MGRS coordinates in status bar and query tool. Search tool also supports MGRS coordinates.

Increased Support for Wider Range of Classification Types

TerraExplorer for Web now supports additional types of classifications and publishing abilities, including background color and opacity, scale, and image color and opacity for billboards.

Upgrade to Cesium 1.35

- Integrates the latest Cesium open source library

- API access to all v1.35 Cesium features

Usability and GUI Enhancements

- Support for touch gestures (mobile-compatible GUI).

- Stability and bug fixes.

Software and Hardware Requirements

Operating System	Windows / Linux / MacOS / Android / iOS
System Memory	2GB of RAM (4 GB or more recommended).
Processor	Dual-Core (4 or 8 cores recommended).
Browser	Chrome, Firefox, Safari, Opera, Edge.