Customer Showcase

Skyline TerraExplorer is a critical visualization technology broadly deployed in defense and intelligence, public safety and security, 3D geoportals, and urban planning markets.
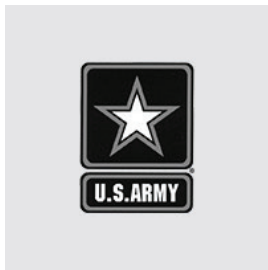
It fuses together massive and disparate data sets in real-time, enabling users to create and interact with customized, virtual 3D landscapes.

Available as a desktop, mobile or web application, TerraExplorer provides rapid access to 3D geospatial data for a wide variety of applications ranging from mission planning and crisis response to asset management and urban design.
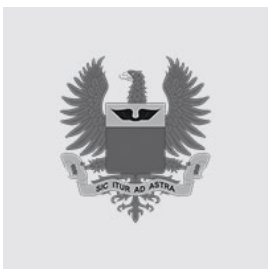
Defense and Intelligence

- ✓ Advanced terrain analysis tools provide critical geospatial understanding

- ✓ Multi-sensor data fusion and robust data collection tools enable generation of realistic, geographically accurate visualizations

- ✓ Create a terrain database on-the-fly using the latest satellite pictures

- ✓ Project geo-referenced UAV video onto terrain for enhanced comprehension of 3D spatial relationships

- ✓ TerraExplorer's interfaces to Blue Force tracking, "Cursor on Target", "Link-16", standard GPS feeds and specific UAV platforms provide real-time tracking capabilities

US Army Geospatial Center

The Army Geospatial Enterprise (AGE) GeoGlobe is a worldwide 3D based visualization and dissemination tool (maintained by the Army Geospatial Center (AGC)) to facilitate the discovery and exploitation of geospatial information within the Defense user community. This enterprise software allows users to access AGC's geospatial data archives and products through a locally installed 3D client for Internet Explorer and Internet Information Services (IIS).

For additional information >

Colombian Air Force C4I2 (Integrator: Geobis)

Integrated into the Colombian Air Force's Command and Control and Communications and Intelligence (C3I2) application, SkylineGlobe architecture provides real-time data communications between an aircraft and its command center. Skyline's 3D visualization tools support the display of high-resolution imagery and map data combined with video displays and tracking of aircraft locations to support mission planning, decision making and intelligence analysis.

BlueBird UAV Systems

BlueBird Aero Systems specializes in the design, development, and production of tactical Unmanned Aerial Systems (UAS) and peripheral equipment, for the military, homeland security and civilian UAS markets.

For additional information >

Geoportals

Sharing Data

Create a user-friendly repository of comprehensive data about your locality

Offering Visual Online Tours

Real-time collaboration tools enable joint exploration and analysis of data

Virtual Fairfax

Fairfax County, Virginia, USA's geoportal, was created to provide up-to-date information to the business community and to the county's over 1.2 million residents. The Virtual Fairfax application allows users to interactively explore the county, viewing thousands of realistic 3D models overlaid on updated, high-resolution imagery with links to county services including development, tax, and neighborhood information.

For additional information >

Bhuvan (Integrator: ISRO)

Created by the Indian Space Research Organization (ISRO) as a geoportal that emphasizes the Indian region, Bhuvan overlays high-resolution imagery of India with regularly updated weather, soil, ocean and disaster resource information. The geoportal facilitates the sharing of geospatial data, enabling users to easily upload their own data to the site.

Arpa Piemonte GeoPortal RiskNat

The RiskNat geoportal provides a realistic and dynamic 3D environment for the study of natural hazards and evaluation of disaster preparedness and management in the cross-border cooperation area of Italy, France, and Switzerland. This federated network seamlessly fuses the unique data produced, managed, and updated by each of the project partners into a consolidated dataset that can be searched and viewed by all users, in accordance with the interoperability principles and guidelines of the European INSPIRE Directive.

Command & Control

Integrate disparate security information into a single command & control environment

Simulation

Rehearse security operations using 3D, geo-realistic visualizations

Planning

Use advanced geospatial analysis tools to identify vulnerabilities

Dubai Police C4I (Integrator: Space Imaging Middle East)

The Dubai police force uses a customized 3D geospatial application based on SkylineGlobe technology to increase emergency preparedness and speed up detection and response time. SkylineGlobe's advanced analysis capabilities are used to assess surveillance issues such as the visual exposure of guard posts and patrol routes or the buffer zone required to effectively protect critical facilities, or plan security operations. Traffic flow or police vehicles can easily be monitored and visualized using positioning information. Work is currently underway to create a comprehensive 3D city model.

NICE Situator (Integrator: Terra Vision)

NICE Situator is an advanced physical security information management (PSIM) solution that enables situation planning, response and analysis for the security, safety and emergency markets. By integrating and correlating information from multiple and diverse systems across an organization and coordinating response actions, NICE Situator mitigates the damage that can result from human error by ensuring that everyone in the operational chain is kept informed of what has happened and how to effectively react.

For additional information >

ENGAGE IMS/CAD/ARLS (Integrator: SATWAYS)

ENGAGE is an incident management, computer aided dispatch and automatic resource location system for public and private safety organizations. Using SkylineGlobe technology, ENGAGE integrates information from multiple, diverse systems into a single command environment, and coordinates a response plan based on real-time data. ENGAGE's unified management approach tackles the complete lifecycle of incident capture, response, resolution and recovery. The ENGAGE system is currently being used by several Public Safety Agencies.

For additional information >

Urban Regional Planning

Increasing Constituency Involvement

Provide constituents with significant access to the building process. Concerned parties can navigate through a photo-realistic 3D model of the planned construction

Photo-Realistic Project Design

Create accurate 3D visualizations that provide critical topographical/ geographical information in planning a project

Environmental Management

Powerful terrain analysis tools provide topographical/ geographical information that is critical for developing effective measures for dealing with natural disasters

Adelaide, Australia

A dynamic and continually expanding city, Adelaide created a 3D spatial model of the city with the primary goal of optimizing future land use. The Adelaide interactive 3D virtual environment allows easy visualization and evaluation of various potential land-use scenarios, thereby facilitating the development of construction plans that will best meet the city's future and evolving needs.

For additional information >

Chunghwa Telecom (Integrator: Geo3DEarth Systems)

"ShowTaiwan", created by Chunghwa Telecom Co., Ltd., is a commercial geoportal for local Taiwanese businesses. Users can fly over a virtual city with millions of realistic 3D models representing restaurants and shopping centers, banks, and bus and train stations. As visitors navigate from location to location, they can view advanced related data in the 3D Window, and connect to websites with additional information.