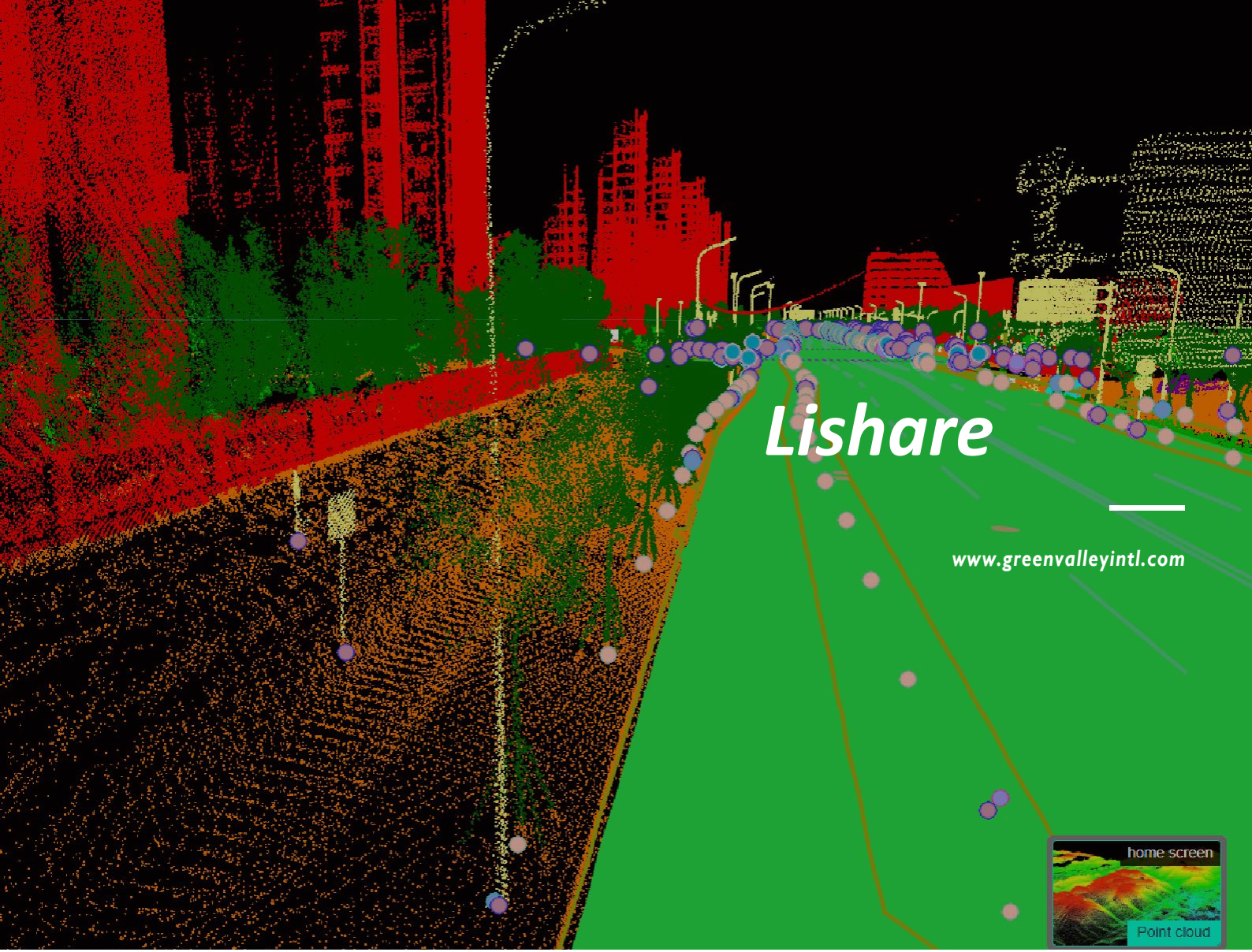



# LiShare Cloud Service

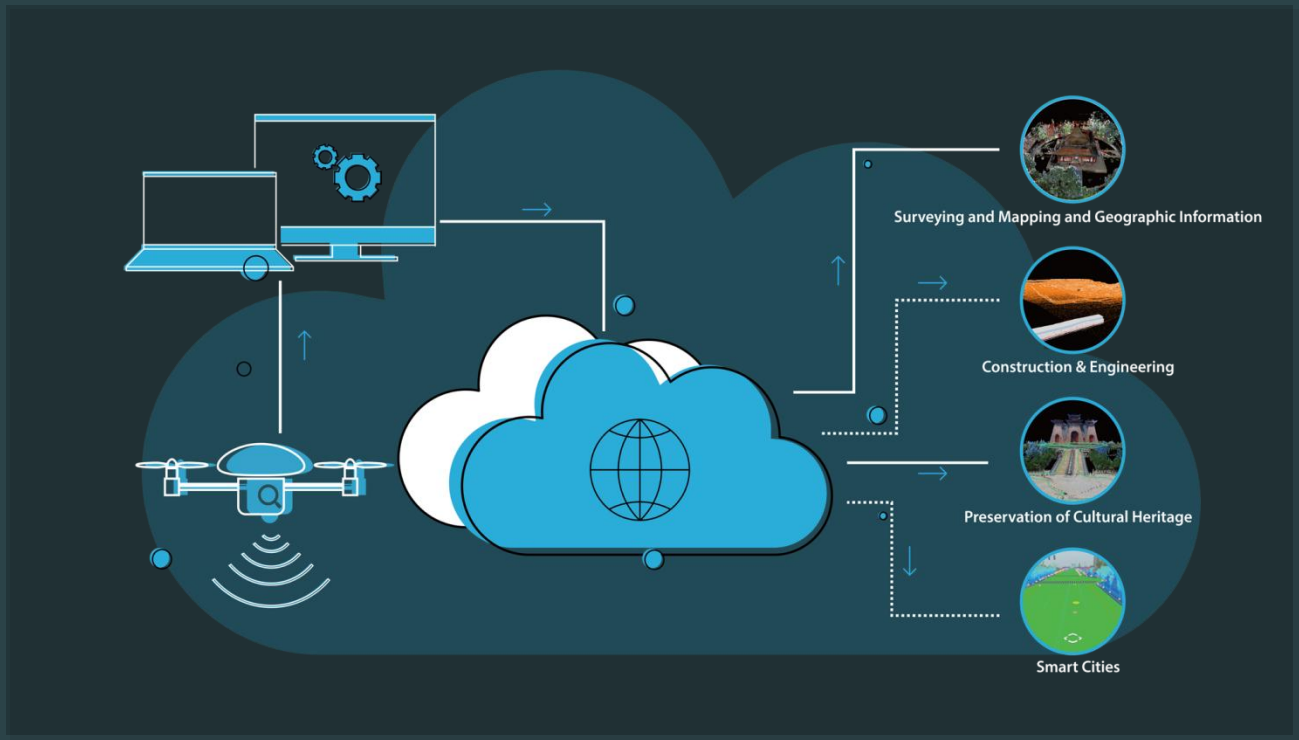
GreenValley

# Manage Assets Anytime, Anywhere

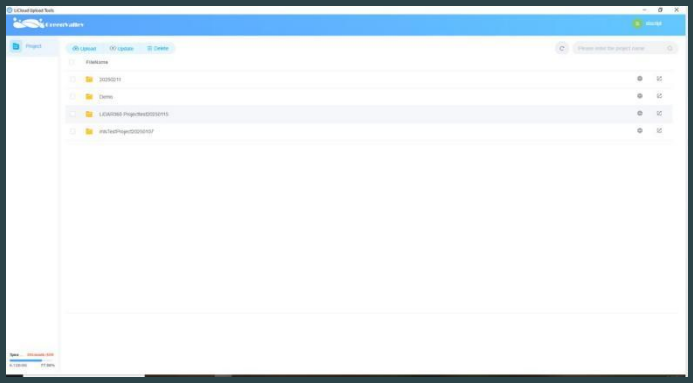
*LiShare Cloud Service*

# LiShre Cloud Service Cloud-based 3D Data Management

LiShare Cloud Service is a cloud-based 3D data management, analysis and visualization platform designed for architecture, engineering, surveying and mapping, cultural heritage protection and other fields. Through the platform, users can easily upload, manage, analyze, and share data such as point clouds, models, and panoramas to achieve efficient 3D scene display and collaboration.

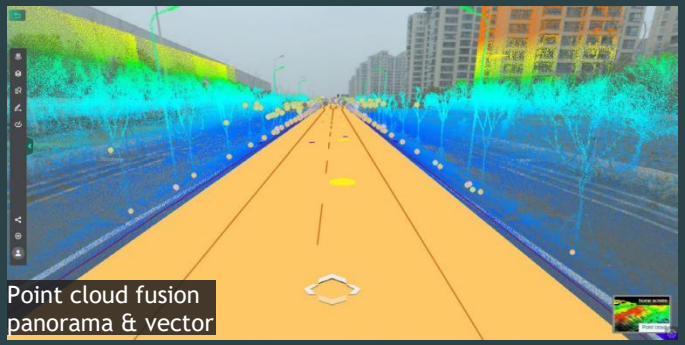


# Core Functions

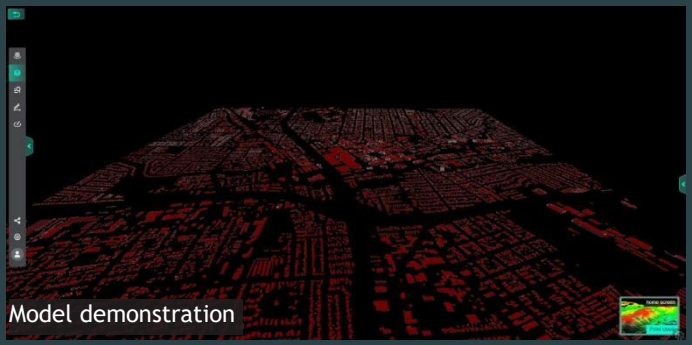


## Data Upload and Storage

Provide cloud storage services, support batch upload and automatic processing of point cloud and day model data.



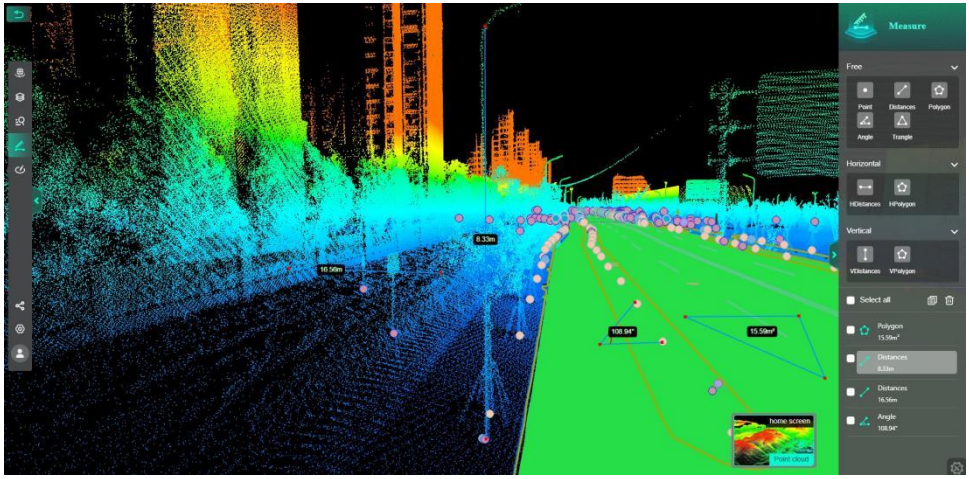
Point cloud fusion panorama & vector



Model demonstration

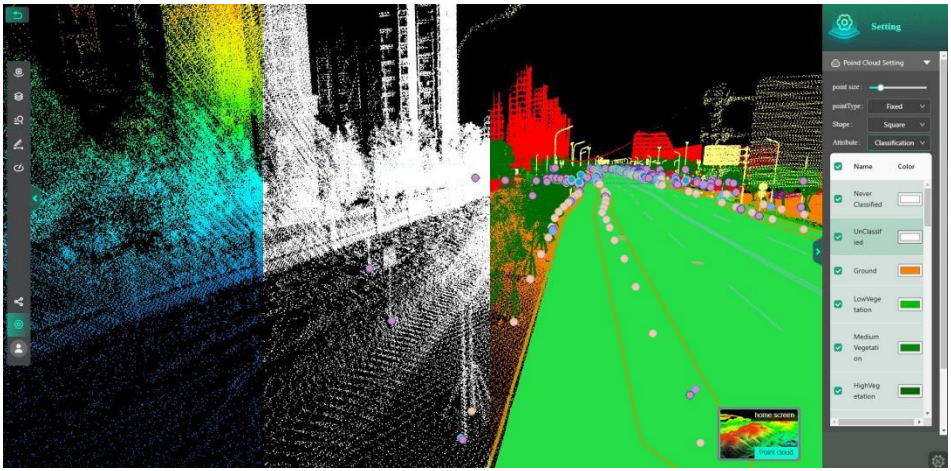
## Online Point Cloud Browsing

The platform allows online, high-precision 3D browsing of point cloud (e.g., LAS/LIDATA) and other formats (e.g., GPKG, OBJ, JPG/PNG), enabling smooth visualization of ultra-largescale data without downloads.



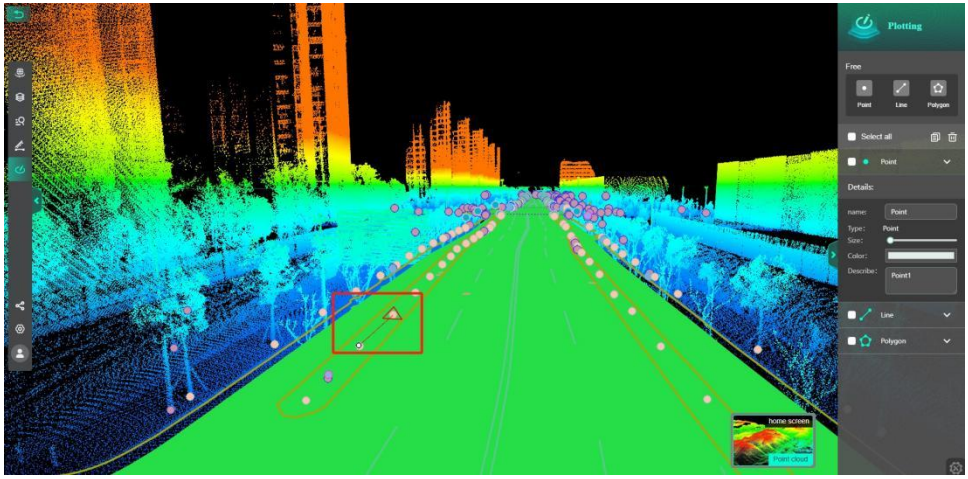

## Measuring Tools

Provide distance measurement, area calculation, angle analysis and other tools to help users conduct accurate 3D analysis.



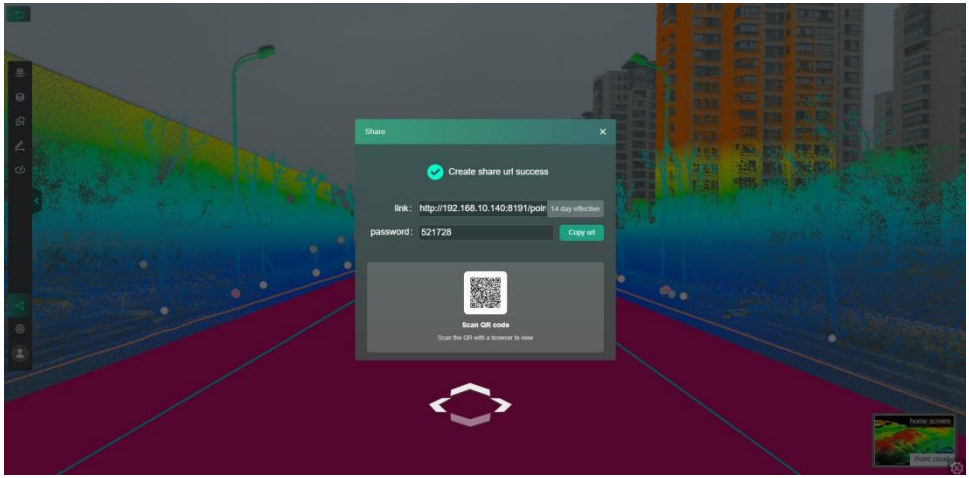

## Render Settings

The platform offers customizable point cloud settings (e.g.,size, color, rendering methods like height, intensity, RGB,and user-defined labels/layers/attributes) alongside EDL,background color, and panel-based management tools for analysis, reporting, and window customization.




## Custom Annotations

Users can add custom labels, layers, and habitat information to the point cloud data, and the corresponding list is generated in the right panel for subsequent management, analysis, and report generation.




## Data Sharing and Collaboration

Data sharing and collaboration generate encrypted sharing links that support multi-person collaborative viewing and analysis.

# Technical Highlights

## High-end has no shortcomings

**Advanced point cloud rendering enables real-time loading and smooth interaction with large-scale data.**

## Somatosensory leading

**It accesses PCs, tablets, and mobile phones, supports all data formats from GreenValley PC software, and features built-in multi-user collaboration.**

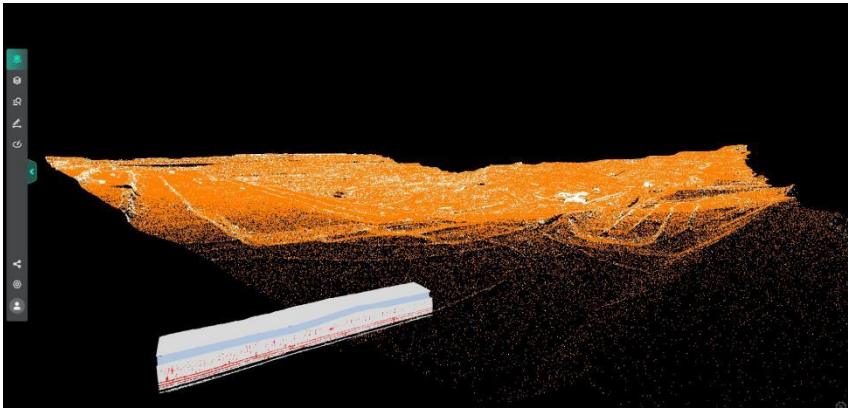
## Safety and Security

**End-to-end encryption ensures strict data privacy and system security.**

# Application

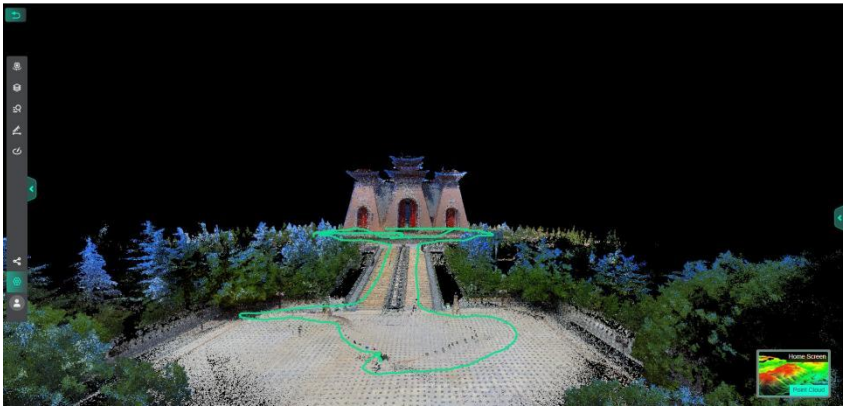
## Surveying and mapping and geographic information

**Support topographic mapping, urban modeling and other applications to generate high-precision 3D maps.**



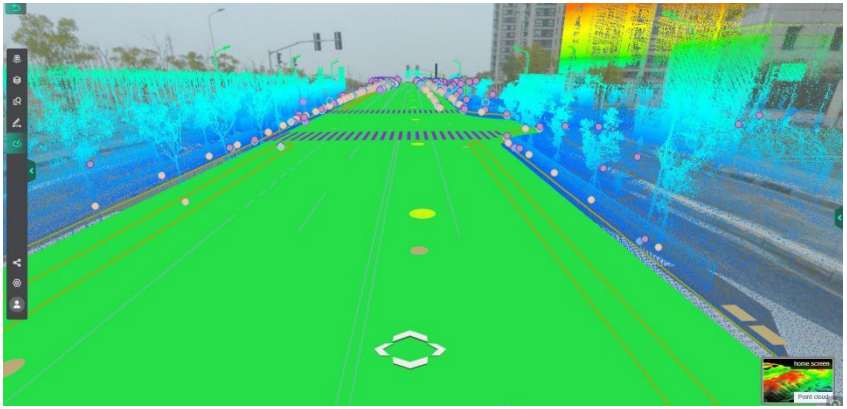
## Construction & Engineering

**Construction & Engineering is used for 3D modeling and schedule management of construction sites, bridges, tunnels and other engineering projects.**



## Preservation of cultural heritage

**3D scanning and modeling of historical buildings and cultural relics for protection and restoration.**



## Smart Cities

**Provide 3D data support for urban planning, traffic management, environmental monitoring, etc.**

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