



VisionLidar 365

Web Point Cloud Sharing Platform



Geo-Plus

 Geo-Plus.com

why Vision Lidar 365?



VisionLidar 365, with its secured online platform, enables you to share your point clouds projects with your community and thus maximize the value of your work. Bundle your lidar scans from different file format by using VL365 Creation and publish them with our simple and intuitive dashboard interface.

Huge flexibility to, granularly, configure new users and roles giving you full control on the tasks different users can have access.





LAND SURVEYING



CIVIL ENGINEERING



MANUFACTURING

A PERFECT FIT
FOR ANY INDUSTRY!



ARCHITECTURE



MINING & QUERY



FORESTRY



TRANSPORT

100 PERCENT
*online, secure,
& customizable!*

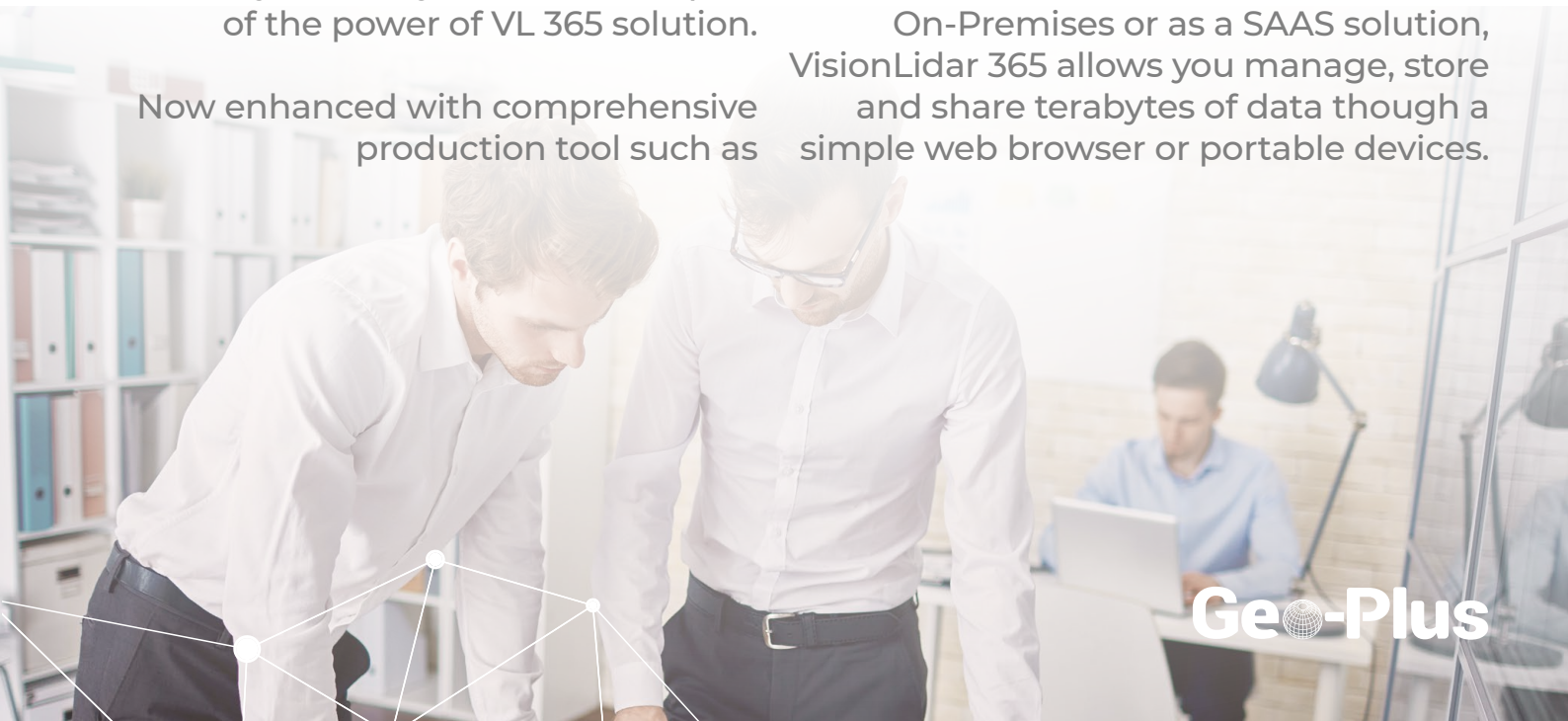


Locate your projects by using our map interface, visualize your spherical images jointly with your point cloud data or add volumetric 3D model to your views to analyse new layouts are just a few examples of the power of VL 365 solution.

Now enhanced with comprehensive production tool such as

measurement, vectorization (point, polylines, polygons) or section analysis (Cross-Sections, Profiles) empower the use of your available data with your colleagues and clients.

On-Premises or as a SAAS solution, VisionLidar 365 allows you manage, store and share terabytes of data though a simple web browser or portable devices.



GROUND BREAKING *features!*

● Annotation

Add annotations or labels on your 3D scene to display different Point Of Interest. Document your POI from notes, technical documents (PDF, JPG, MP4, etc.) and external links. An easy way to show your asset inventory.



● Measurement

Take measurements of elevations, 3D distances and areas on inclined, horizontal and vertical planes. A magnifying glass will help you assess the depth of the scene to pinpoint the right element. Make measurements from point to point or from point clouds to volumetric objects.



● Clipping

Control your range view by clipping in or out you area of interest.

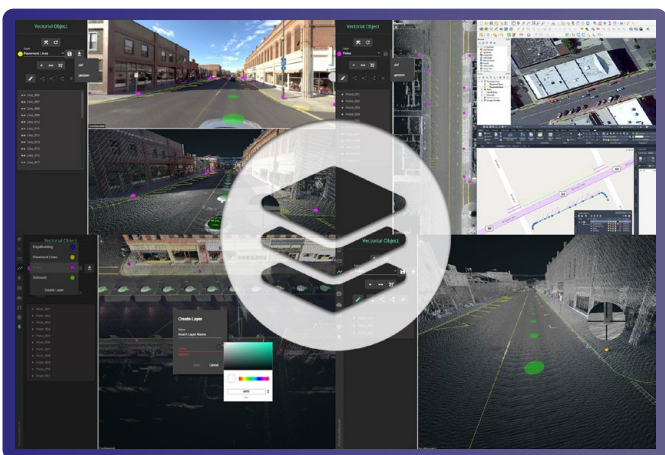
Discover your spaces in a new way by cutting existing rooms and name them for a quick area access view.

Make and name horizontal cuts for fast storey building splits.



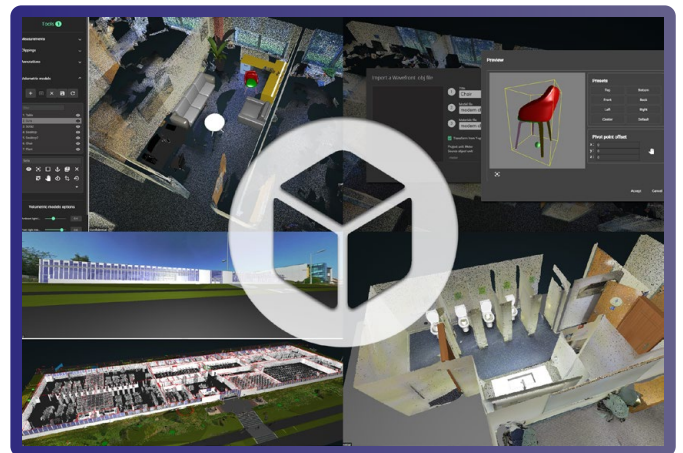
● Vectorisation

Get GIS and CAD deliverables from you Web lidar platform by digitizing points, polylines and polygons 3D vector data. Intuitive vectorisation tools to add, snap or delete vertexes and use our magnificent glass to augment the precision of your vectorisation. Organize your work by layers and export them to your favorite GIS or CAD environments.



● 3D model

Insert 3D models in your point cloud project and create your own adapted scene. Manipulate your 3D models with rotation, shifts and angle measurements to design your layout of equipment in a 3D space. Use clipping box to clean your room.



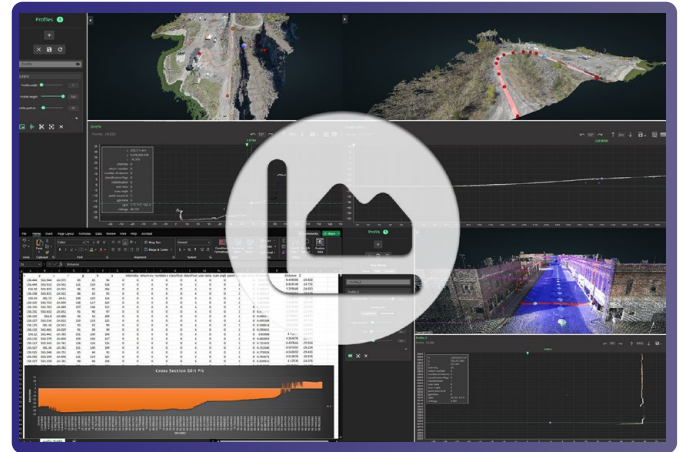
● Virtual Reality ready

Navigate through your 3D point clouds environment by using our Virtual Reality interface. Put yourself in an immersive view by navigating through your Spherical images and observe your 3D Volumetric objects like you were there. Make measurements and move into your 3D space by using dual controllers. Compatible with OCULUS and HTC Focus 3 standalone virtual reality systems.



● Profile

Push your point clouds project analysis by creating 3D profiles or cross sections along a corridor. Use our guidelines to precisely monitor offsets or slope percentage. Export profile data to other system to refine your analysis.



● Spherical image

A picture is worth a thousand words so imagine a Spherical image. Get in an immersive street view of your projects by mixing your point cloud data with an RGB image. Make measurements from your images, visualize your 3D volumetric objects or your vectorization directly on your images.



SAME POWERFUL
SOFTWARE
DIFFERENT PACKAGES!





VisionLidar 365

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lite

Allows you to create projects from your raw files and visualize/distribute them with a simple and intuitive local offline viewer.

Create point cloud projects from Static, Mobile or Airborne scans using VL365Creation.

Import scans from *.las/*.laz, *.e57, *.fls, *.lproj, *.fws, *.pts, *.csv, *.rcp and many more file formats.

Full 3D viewer allowing you to navigate through your point cloud in perspective and orthogonal view

Different navigation tools allowing to move on your scene in various ways

Visualize your spherical images jointly with your point cloud data

Take measurements of 3D distance, vertical height, angles, or areas (horizontal, vertical, or inclined)

Clipping boxes or horizontal clipping tool allowing you to cut your view inside or outside

Show/hide your ASTM standard classes (when classes are available)

View your point cloud project colored by RGB, Intensity, Height, and Classes (when available)

Show your view position on a 2D map (for georeferenced projects)

Project fully compatible with our VL365 Premium secure cloud-based online platform





VisionLidar 365

Web Point Cloud Sharing Platform

premium

All the VL365 Lite Features in addition to the below

A secured cloud base platform which can be installed on premise or on SaaS mode, allowing you to Manage, Broadcast, Explore and Exploit your point cloud projects and share them with your community.

Roles and users access control functions to set rights and organize your collaboration community

Decentralized authentication protocol OpenID Connect ready

Responsive user interface to organize, publish and/or archive your point cloud projects

Regroup your projects using maps, favorites or filter them with our search engine

Full web-based 3D Viewer compatible with Virtual Reality Headset (VR)

Add and organize your Point of Interest (POI) using our annotation tool.

Share information, images, hyperlinks, or documents with your community (POI)

Manage 3D models added to your point cloud projects.

Move, resize, rotate 3D models in your scene, take measurements from, visualize them through your spherical images or VR environment

Vectorization tools (points, polyline, polygons) using a configurable layering interface

Visualize, organize, and export your digital extraction by layers to CAD or GIS systems

Create and export Profiles or Cross Sections. A powerful analysis tool to explore your data

Save configurations and settings globally, by projects or for a user





VisionLidar 365

Web Point Cloud Sharing Platform

pro

All the VL365 Premium Features in addition to the below

Customisable branding by adding your own logo and domain name

Plugin for AutoCAD MAP

Connect your AutoCad Map to your point cloud projects.

Add VL365 3D viewer to your CAD interface.

Localize your camera view directly in your CAD

Make measurements and transpose them directly to Autocad Map

Load your vectorization on AutoCaD Map

Visualize your spherical images directly in VL365 viewer

Move your camera position directly from Autocad Map

Plugin for ArcGIS online

Connect your point cloud projects to ArcGIS online.

Add VL365 3D viewer to your GIS interface.

Localize your camera view directly in a map

Move camera position from a map Interface

Visualize your spherical images directly in VL365 viewer



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