Spécifications	
Supported Hardware	Microsoft® Windows® 7 SP1 32/64 Bits: Windows 7 Enterprise, Ultimate, Professional, or Home Premium Microsoft® Windows® 8.1 64 Bits: Windows 8.1 Enterprise, Pro, or Windows 8.1, Windows 10
Compatibility	AutoCAD®, BrisCAD®, MicroStation®, PowerDraft®, Civil 3D®
Training	Yes
Permantente, Subscription and Networks License	Yes
Storage	
Native Storage Format	mdb, SQLite
Input Formats	dwg, dxf, dgn, Others
Export Formats	dwg, dxf, dgn, Others
Data Management	
Security Options for Access	Yes
Search for File Content	Yes
Version Management	Yes
Save Standardization for Drawings/ Maps	Drawing Layers, Styles, Settings, Symbols, User-defined Objects, Others
Geometry Types	
Points	Point, Multipoint, Symbol, Text, Others
Lines	Linesegment, Polyline, Multiline, Arc, B-spline, Others
Surfaces	Polygon, Multipolygon, Others
2D Construction	
Positioning by Coordinates	Yes
Positioning by Dimensions	Yes
Positioning in Relation to Other Elements	Parallel, Extend, Perpendicular, Particular Angle, Tangent, Others
2D Editing	
Select	By Drawing Attributes, Select by Administrative Attributes, Multiple Select, Others
Remove	By Select, by Attributes, by Layer, Others
Graphic Transformations	Scale, Copy, Move, Rotate, Align, Others
Data Analysis	
Merge	Map Layers, Attribute Table to Geometry, Others
Tools to Detect Errors	Yes

VisionCivil PRO

The software for your AEC works (Architecture, Engineering, Construction)

ORGANIZE YOUR SURFACES AND ALIGNMENTS AND IMPROVE YOUR PACE OF WORK !

Would you like to find out more ?

Contact Us :

📞 1.800.672.1733
450.681.2345

💻 geo-plus.com

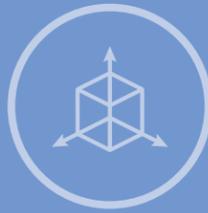📍 2915 Ogletown Road Newark DE 19713 USA

✉️ information@geo-plus.com

Geo-Plus

| Benefits | Main Features | Efficient 3D software | Specifications |

3D software with aerial LiDAR

A real 3D software : execution efficiently and quickly your civil engineering projects.

Integrated standards

Creation of drawings according to your own standards, those of MTQ or those of your clients or subcontractors.
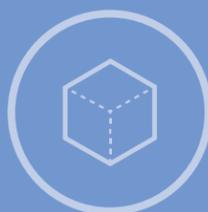
Dynamic positioning

Create your buildings, move them and turn them respecting established constraints.

Versatile and flexible

Compatibility with the main exchange formats DXF, LandXML, LAS, LAZ, etc. for points, surfaces and alignments

Complex volumes

Volume by inverted prism method, by chaining et cross section, by cube method and by solid (Tetrahedrons)

3D alignment manager

Construction of your alignments from the beginning or from those drawn.

WHAT ARE THE BENEFITS ?

VisionCivil Pro is designed for civil engineers, land surveyors and any professionals from land management sectors.

- **Integrates** with leading platforms : AutoCAD®, MicroStation®, BricsCad®, PowerDraft®, Civil 3D®.

- Uses **external databases** of CAD : drawing less heavy for the workstation.

- Is **multitasking** and **multi-user**.

- Is a solution entirely integrated **to the field to the end of the conception** of your infrastructure projects.

- **Optimizes** the work process.

- Allows **data** to be **shared easily**.

MAIN FEATURES

AN EFFICIENT 3D SOFTWARE

VisionCivil Pro can easily edit your surfaces by adding discontinuity lines and holes. It works with 2D and 3D alignment profiles. It easily customizes your profiles and sections and calculates precisely the volume between two surfaces, by sections integration, or by complex volumes (overhangs).

It applies a combined scale factor to all objects and easily manages LiDAR point clouds. It creates drawings according to your own standards, those of your clients, subcontractors, and many others.
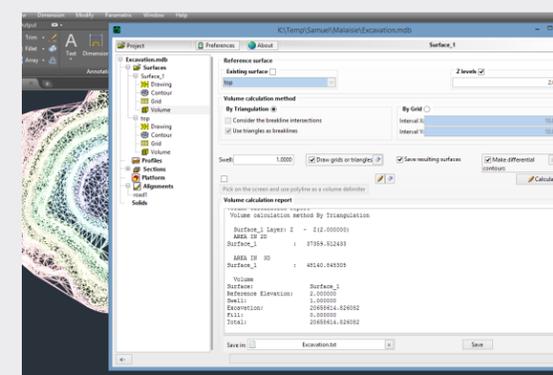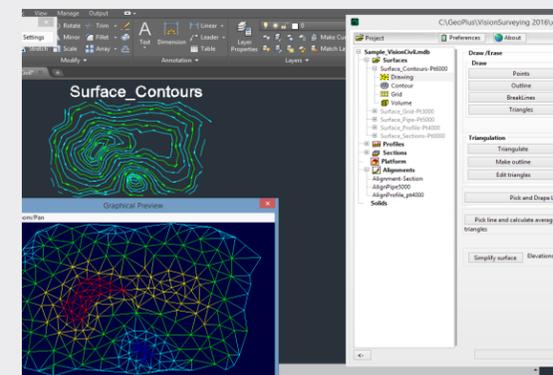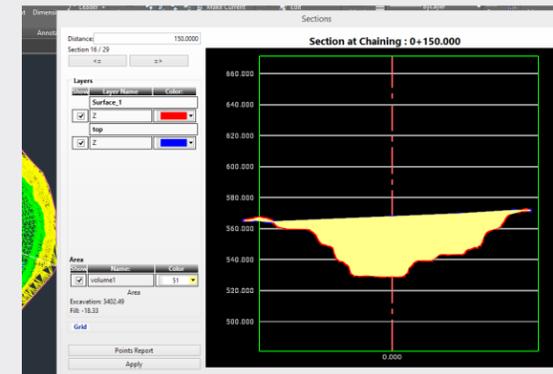
Alignment and interactive template

- Alignments definition
- Templates integration
- Modeling by section
- Drawing sections with volume calculation

Surfaces management

- Triangles conversely, holes creation, points simplification, outlines cutting, adding of different materials layers, and much more
- Quick and easy creation, edition, and surfaces triangulation
- Surfaces overview

Volumes calculation with 4 methods

- Volume by inverted prism method
- Volume by chaining et cross section
- Volume by cube method
- Volume by solid (Tetrahedrons)