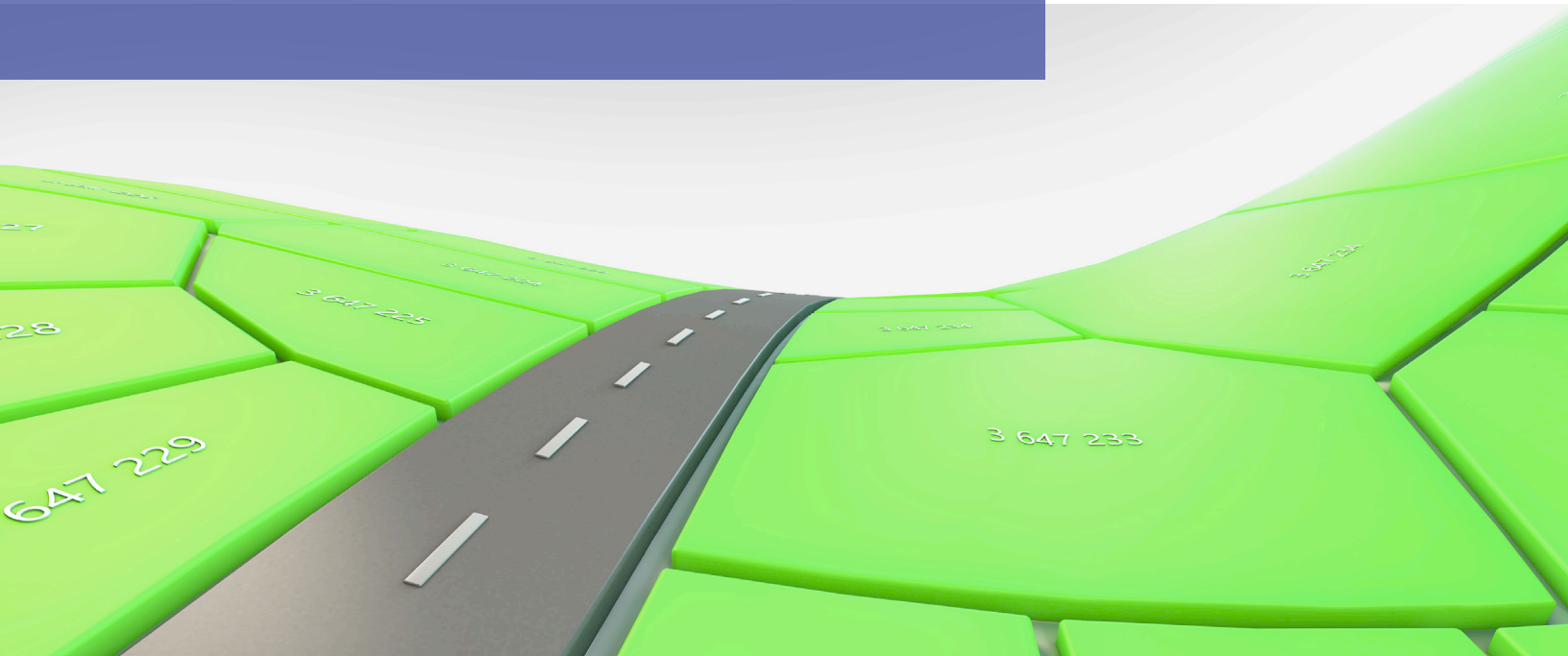


# VisionSurveying

VisionSurveying for AutoCAD® OEM 2016



A NEW INTUITIVE COMPLETE CAD AND LAND SURVEY SOFTWARE !

Benefits

Main Features

Manager

Specifications



### Parcel Management

Our powerful parcel manager allows you to automatically create parcels from survey points or from existing drafts.



### Surface Management

Creating, editing and triangulating surfaces can be as fast and easy or as complex and meticulous as you need.



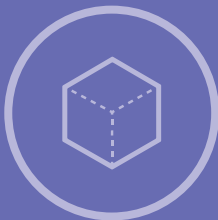
### Chain management

Simply bring your linework from the field to the drawing with our powerful chain manager.



### Point management

Points and notes are associated with PCodes to allow different symbols for different entities.



### Complex volumes

Four methods to calculate volumes are offered : surface to surface, grid to grid, cross sections and solids.



### Profile and section settings

Parameterized profiles according to your standards and adaptable cross sections

# WHAT ARE THE BENEFITS ?

VisionSurveying and its field-to-finish features allow the user to directly read and write using the latest AutoCAD® DWG-drawing file format.

- Comes **with AutoCAD® OEM 2016** engine built in.
- **Automatically generates** parcels from a pre-drawn subdivision.
- **Automatically writes** your metes and bounds.
- **Automates and simplifies** your surveying by its multiple **management capacity and COGO**.
- **Manages and improves chains** in your DAO.
- Controls the **quality of your field data** in multiple ways.

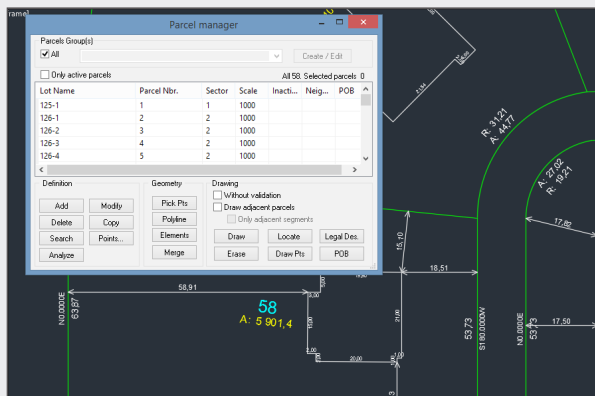
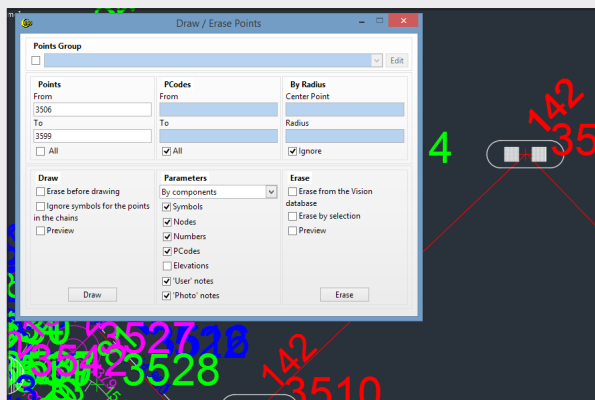
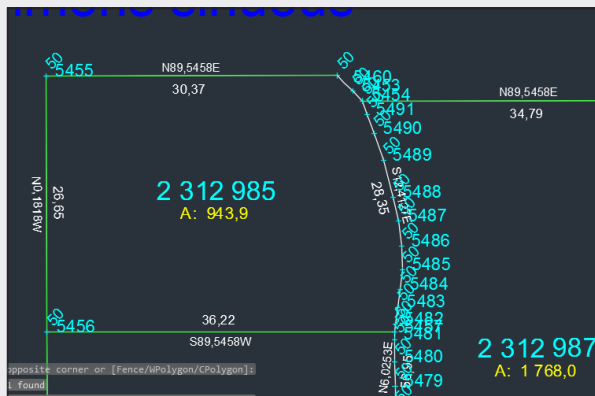


## MAIN FEATURES

# A MANAGER AS POWERFUL AS FLEXIBLE

VisionSurveying is developed by surveyors for surveyors. Paired with AutoCAD®, VisionSurveying becomes a must.

With its relational database, there is no easier software to manage projects containing several million points.



## Note and picture management

- Import your notes and photographs taken on the field.
- Draw and manage your notes directly on the CAD.
- Import a large variety of image file formats.

## Drawing standards management

- Work with your own standards or those of your clients and subcontractors (department of transportation standards, etc.).
- Easily change from a standard to another.

## Intelligent point management

- Perform a translation/rotation by least squares.
- Match the symbol layers and the text of the points with your PCode standards.

## Surfaces management

- Select points and breaklines, triangulate them, and automatically create your outline.
- Reverse triangles, create holes, simplify your points, cut the outline, and much more.

## Connectivity management

- Draw your chains in 2D or 3D.
- Validate your chains and find those that intersect.
- Modify and update your chains.
- Search for chains in the CAD.

## Intelligent parcel management


- Build parcels from scratch or from already drawn elements.
- Enjoy automatically managed topology.

<b>Specifications</b>	
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® OEM
Training	Yes
<b>Storage</b>	
Native Storage Format	mdb, SQLite
Input Formats	dwg, dxf, dgn, Others
Export Formats	dwg, dxf, dgn, Others
<b>Data Management</b>	
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
<b>Geometry Types</b>	
Points	Point, Multipoint, Symbol, Text, Others
Lines	Linesegment, Polyline, Multiline, Arc, B-spline, Others
Surfaces	Polygon, Multipolygon, Others
<b>2D Construction</b>	
Positioning by Coordinates	Yes
Positioning by Dimensions	Yes
Positioning in Relation to Other Elements	Parallel, Extend, Perpendicular, Particularangle, Angle Bisector, Concentric, Tangent, Others
<b>2D Editing</b>	
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
<b>Data Analysis</b>	
Merge	Map Layers, Attribute Table to Geometry, Others
Tools to Detect Errors	Yes
Permanent License	Yes
Souscription License	Yes



**Would you like to find out more ?**

**Contact Us :**

 1.800.672.1733  
450.681.2345

 [geo-plus.com](http://geo-plus.com)

 2915 Ogletown Road Newark  
DE 19713 USA

 [information@geo-plus.com](mailto:information@geo-plus.com)