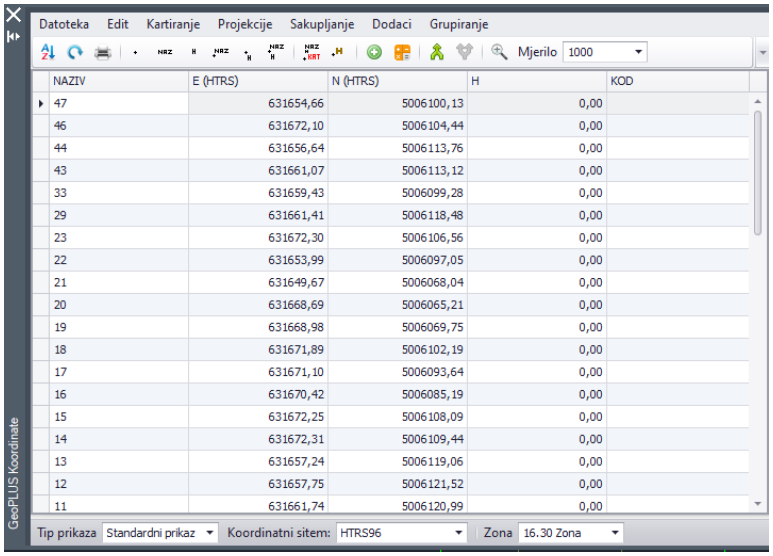
GEOPLUS software is at the moment available in Croatian but functions have English names. If the customer needs technical support or translation, it can be done.

- GeoCalc- COORDINATES

Import points and calculate points from measurements (polar method of surveying). Map coordinates directly from your instrument-also available for your own code list. Calculating points from measurements and calculating areas. You can see more on videos: VIDEO1 & VIDEO2

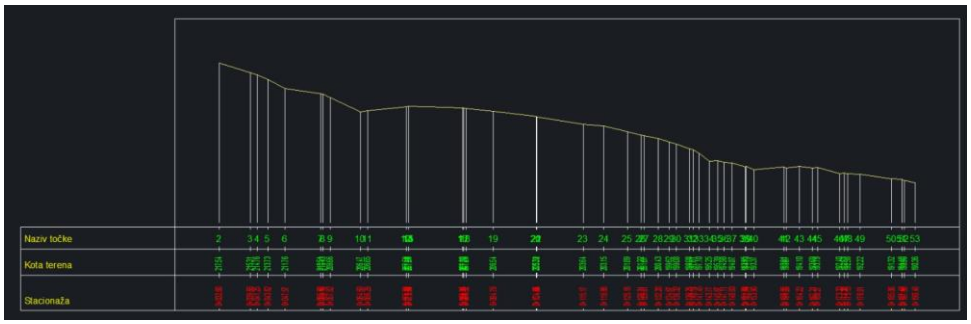


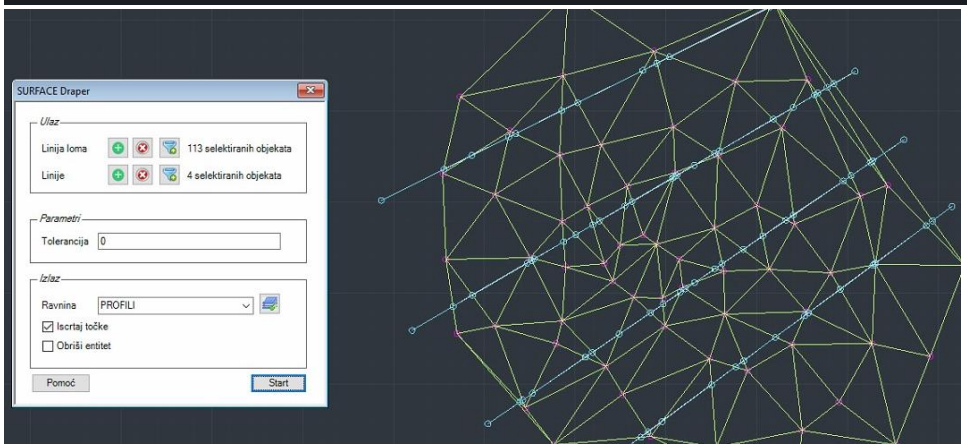
NAZIV	E (HTRS)	N (HTRS)	H	KOD
47	631654,66	5006100,13	0,00	
46	631672,10	5006104,44	0,00	
44	631656,64	5006113,76	0,00	
43	631661,07	5006113,12	0,00	
33	631659,43	5006099,28	0,00	
29	631661,41	5006118,48	0,00	
23	631672,30	5006106,56	0,00	
22	631653,99	5006097,05	0,00	
21	631649,67	5006068,04	0,00	
20	631668,69	5006065,21	0,00	
19	631668,98	5006069,75	0,00	
18	631671,89	5006102,19	0,00	
17	631671,10	5006093,64	0,00	
16	631670,42	5006085,19	0,00	
15	631672,25	5006108,09	0,00	
14	631672,31	5006109,44	0,00	
13	631657,24	5006119,06	0,00	
12	631657,75	5006121,52	0,00	
11	631661,74	5006120,99	0,00	

Geo3D

- Profiles and SURFACE DRAPER

  Make longitudinal and transverse profiles when you have 3D points and 3D polylines or TIN model. VIDEO: Profiles and surfaceDraper



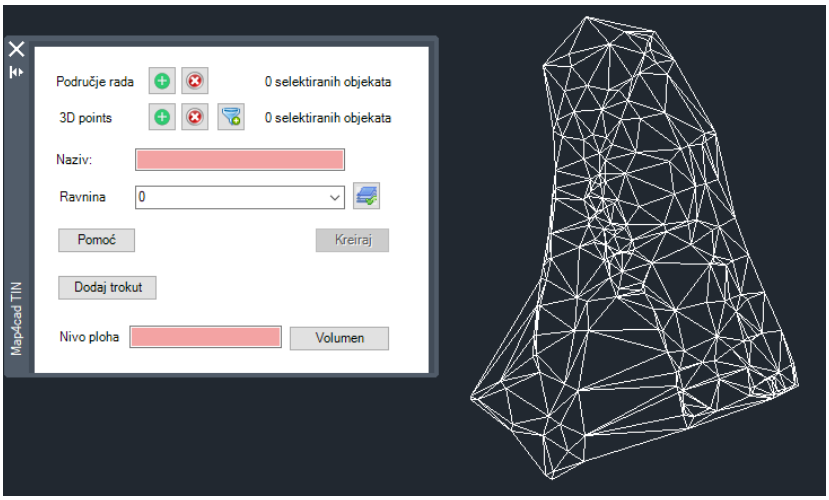


Map4CAD

- TIN generator

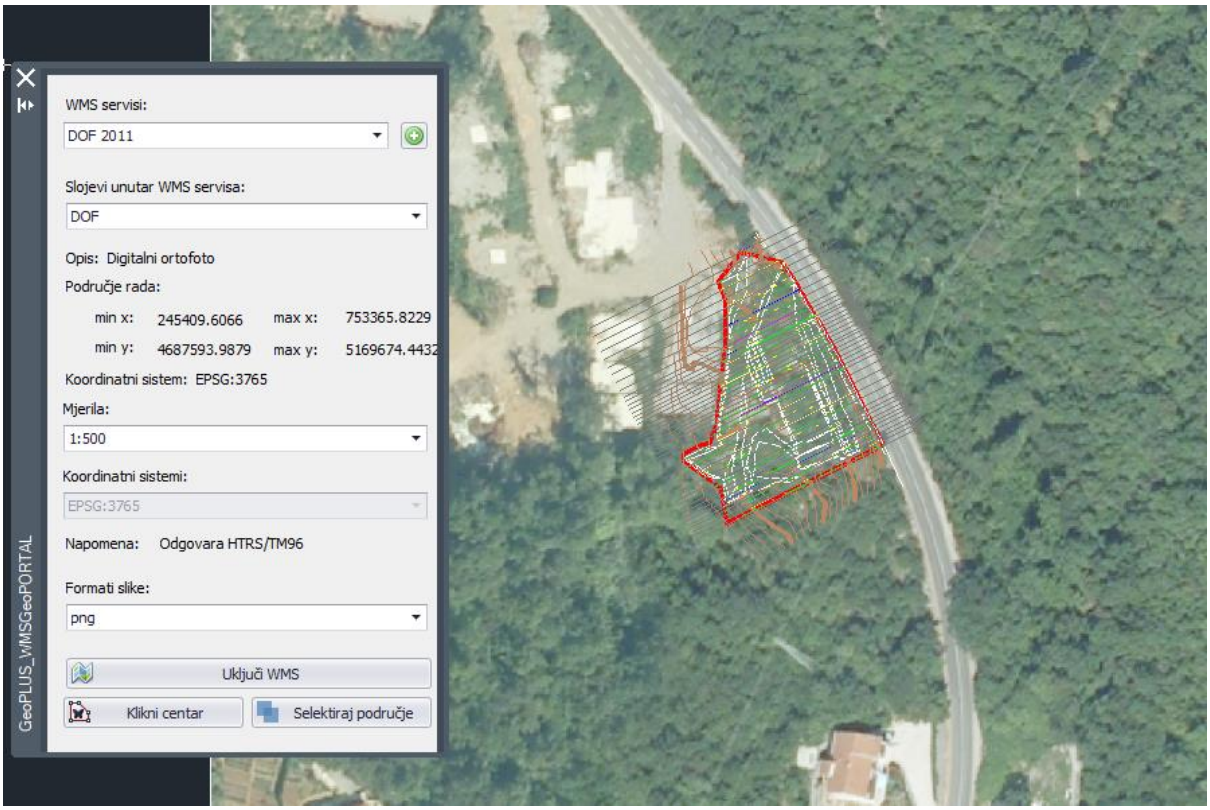
Generate TIN (Triangulated irregular network) model from 3D points for DTM and calculating volume by defining the lowest or highest 3D point- you can calculate the difference of volumes.

(video)



- WMS

Import raster image from a web geoportal- works only for Croatia at the moment- imports images from DGU GeoPORTAL, but can also work for the whole world if the customer has needs

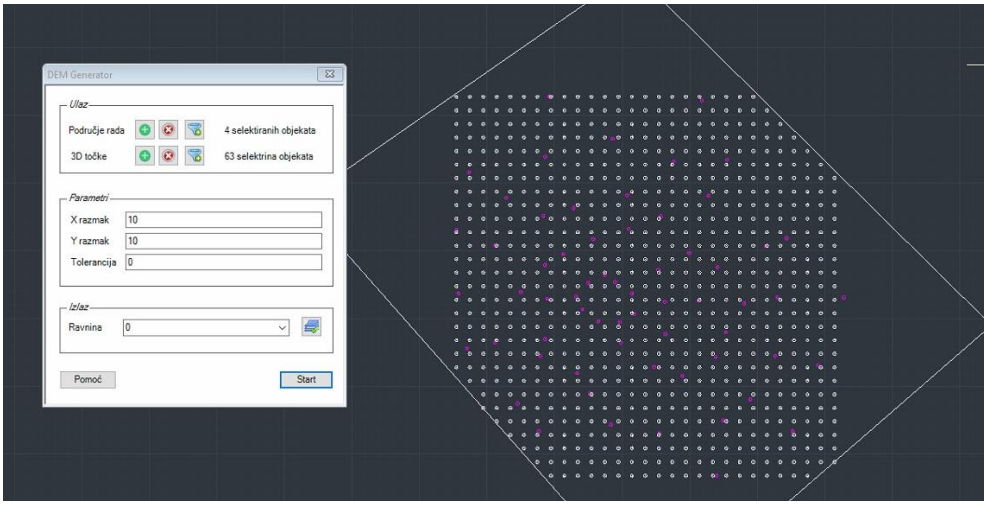


- DEM generator

Generate DEM from known 3D points. You need to have minimum of 3 3D points for calculation. You set the parameters:

- distances between points along the lines of coordinate system (x and y coordinate distances)
- tolerance- defining whether DEM depends on all points no matter how many are there or you want to exclude some- if it is 0, the program takes all points

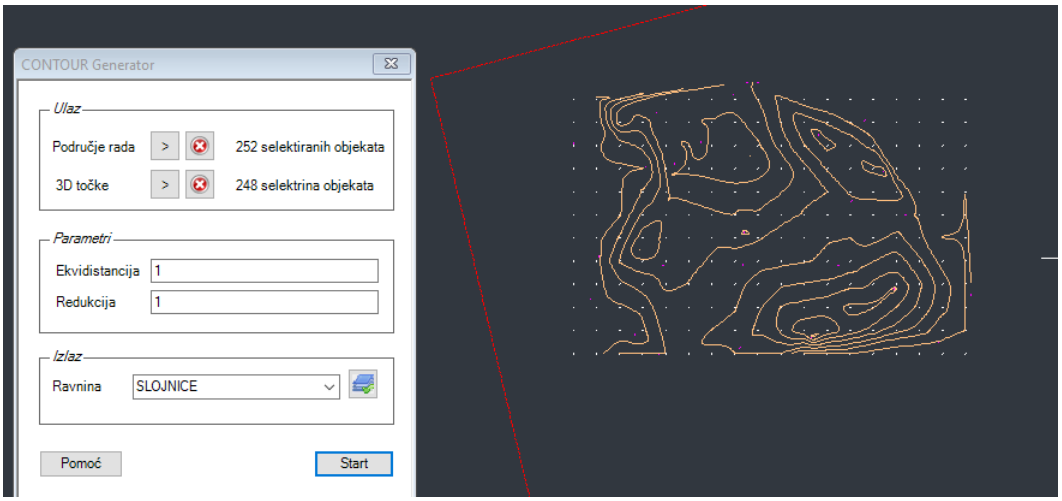
(video)



- CONTOUR GENERATOR

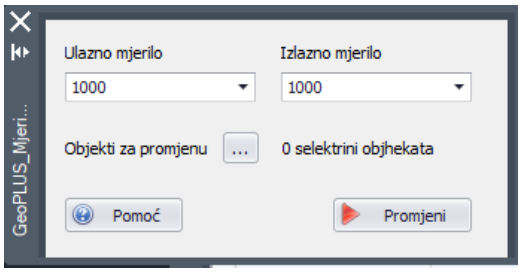
Generates contours if you have 3D points. You need minimum of 3 3D points for calculation. You define equidistance (difference in elevation between contour lines) as well as tolerance (will you take all points or exclude some).

(video)

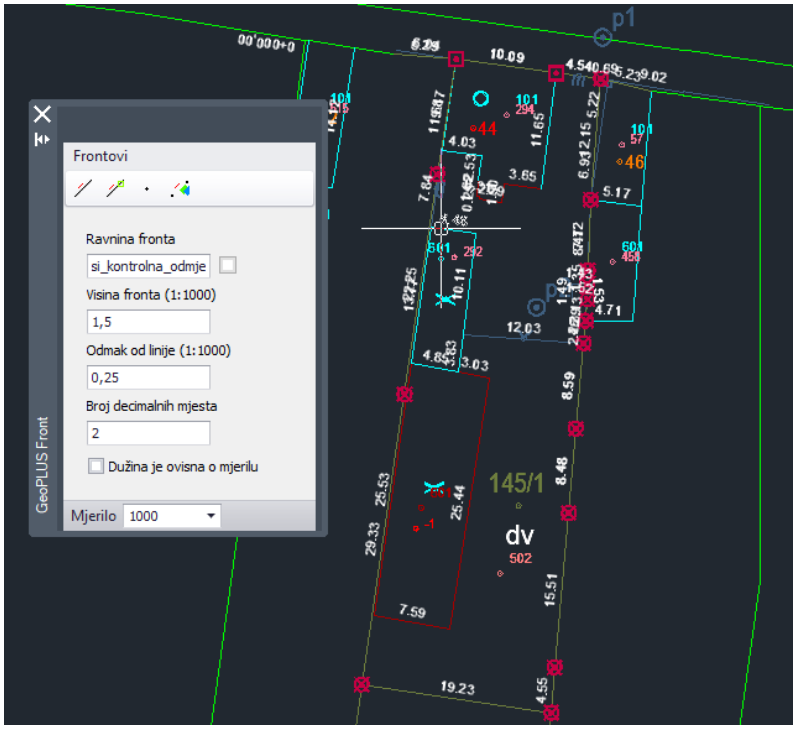


GeoCad

- SCALE
  Set the scale of the drawing and transform blocks in your drawing to another scale.
  VIDEO



- Measurements
  Putting measurements (distance) between two points directly by selecting lines, or drawing lines between them.
  video

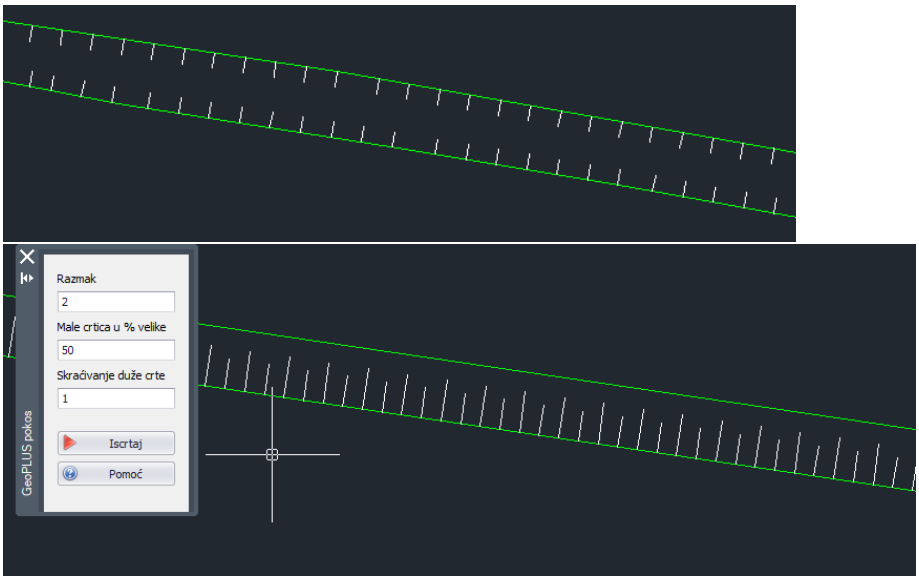


- Embankements/Notches (Pokosi)

Automatically draw embankemet or notch by selecting lines and side on which it has to be.

The options are 2 meters high or higher than 2 meters.

VIDEO



- Adding blocks with heights- for cadastre of infrastructure (height of terrain and depth of installation)
- LEGEND
  Adding legend with sympols from your drawing and inserting symbols.
- **BUFFER**
- Import **Point Cloud**.