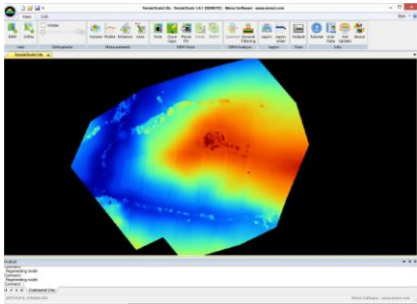# TerrainTools Software Features

TerrainTools is a software dedicated to 3D terrain models analysis and edit.
With TerrainTools you can evaluate volume, profiles, subctract DEMs, extract DTM (ground) from DSM and so on.
It includes a simplified CAD with basic features and tools.

What's New?

Create DEM from LAS or ASCII file Tool
Terrain Analysis Tool
Terrain Analysis and NDVI map management
When importing orthofoto or DEM, pyramidal level can be generated
Ground Filtering in a selected area
Rasterize entities to DEM tool
Set entity elevation from DEM tool
DEM Merge and Split tools
Setup Tiles tool miss some tiles
Compare surfaces tool
Contours line generation
Create DEM from TIN tool
Resize DEM tool

Main features

- Import/export of gtif/tif DEMs
- Import of GeoTIFF orthophoto
- Blended overlapped view of DEMs and orthophoto
- Volume evaluation (related to interpolated plane or reference elevation)
- Profiles analysis
- Ground extraction by given scenario
- DEMs subctraction
- fast DEM editing (hole, flood fill, gap fixing, offset)
- 2D distance and area measurements
- Layers management
- Basic CAD features: entities, styles, OSnap
- Results import/export

Software versions

TerrainTools can works as APS extension module or standalone software.
For trial purposes is available a TerrainTools remote web license, to test TerrainTools with your datasets.
Remote license includes all features. TerrainTools supports 64 bit Windows versions.

Requirements

- Operating System: Windows Seven / 8 64bit
- CPU: i3 / i5 / i7 or equivalent
- RAM: at least 4 GB
- Hard Disk: 7200 rpm suggested

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