

aplitop

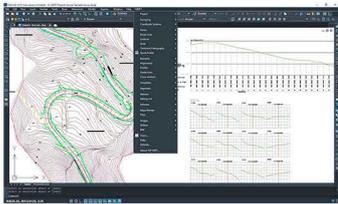


TcPMDT

Digital Terrain Model

All-in-one solution for
Surveying and Civil
Engineering projects.

MDT is an application that is installed as a plugin on AutoCAD, BricsCAD or ZWCAD. It is easy to learn, provides a powerful set of tools and has a modular structure.



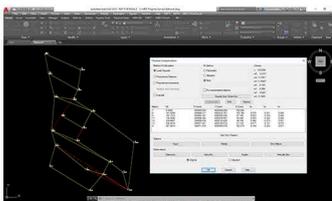
Standard version

It allows you to model a terrain using points measured by any total station or GPS, generate contours, derive longitudinal and transversal profiles, calculate volumes and visualise the terrain in 3D. It also has functions to work with plots and multiple additional utilities. [More information...](#)



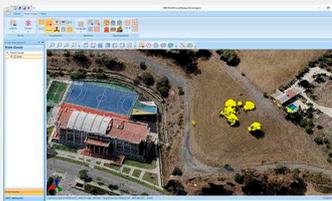
Professional version

It includes all features of standard version and provides tools for designing horizontal and vertical alignments, drawing the project cross-sections, area and volume reports, setting-out, virtual tour and many more. This software is suitable for all kind of surveying projects for roads, urbanisations, quarries, etc. [More information...](#)



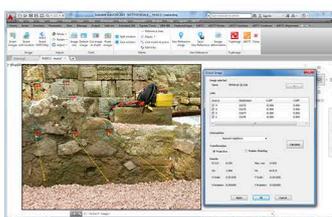
Surveying module

It is very useful for processing total station observations, calculating point coordinates and compensating traverses and networks. It also allows you to perform coordinate transformations and include the EPSG database with global coverage of reference systems, organized by countries. [More information...](#)



Point cloud module

It allows the user to view and process point clouds captured by LiDAR technology, scanners or photogrammetry applications. You can manage millions of points imported from files in common formats. It also derives profiles and cross sections from a polyline or alignment, as well as digital models that can be easily exported to CAD. [More information...](#)



Images module

It is designed to work with digital images such as photographs, orthoimages and scanned maps in combination with vector drawings. It is very easy to georeference and distort images using control points, apply adjustment and conversion processes as well as joining and splitting images. [More information...](#)

Requirements⁽¹⁾

(1) This information is for guidance only. More detailed information about TcpMDT requirements at www.aplitop.com

CAD

AutoCAD versions 2007 to 2021
BrisCAD Pro/Platinum versions 15 to 20
ZWCAD Professional/Enterprise versions 2012+ to 2020+ and Classic

Operating System

Windows 7, 8, 8.1, 10 in 32 and 64 bits

Peripherals

Mouse with 3 buttons + wheel or pointer

Graphics Card

1024x768 pixels, compatible with OpenGL
Recommended chipset Nvidia or ATI

Hard Disk

5 Gb of free disk space

Memory

Minimum 2Gb

Processor

Dual-core 2Ghz or better



Reseller