

Cube-manager Software

Office Software





Cube-manager has been developed to work on desktop computers running Microsoft Windows and it implements the tools to download, to manage and to process the data acquired with one of the mobile solutions.

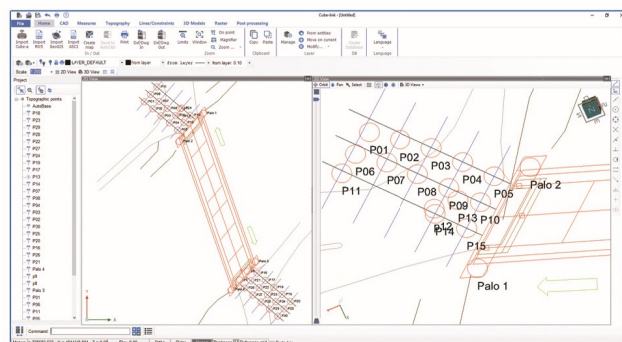
Using this software, you can integrate mixed GNSS RTK and Total Station data, process Raw GNSS data in different ways, import and export the data from and to the most popular known formats.

This software will help operators providing the best functions for data transferring, graphical visualization and analytical data processing. The software is composed of various optional modules and a free version.



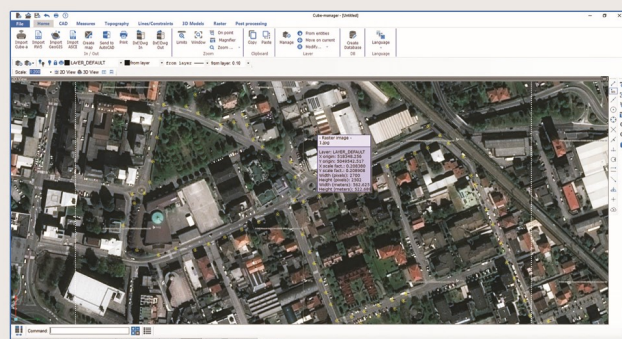
Cube-manager is a software for managing data from GNSS receivers and Total Stations, it is composed of 3 main modules (P, T, M), each one specialized in a series of functions. Among the functions shared by all the modules, you can have plano-altimetric elaborations, generate 3D models and calculate contour lines.

The measurements can be displayed in 2D, 3D and superimposed on raster, satellite or cadastral images. Through a sophisticated internal CAD, you can interact with the data using powerful and complete drawing tools and snap functions, even in 3D. Importing and exporting data are supported in various formats such as DXF, DWG, KML, CSV and others.



Cube-link is a light and free version of the Cube-manager. The program performs many of the fundamental functions for professionals in the topographic sector.

Among the functions, it can manage TS surveys as well as GNSS surveys, with the possibility to edit the surveys by adding graphic elements. It supports numerous data formats when importing and exporting. It is constantly updated and users can take advantage of technical support.

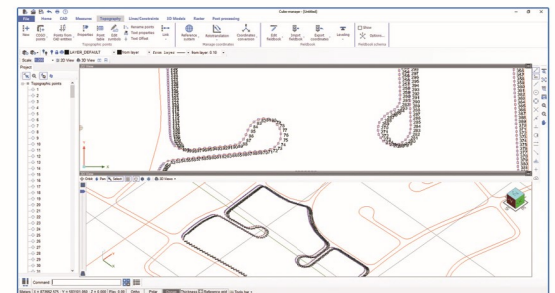




Cube-manager Modules

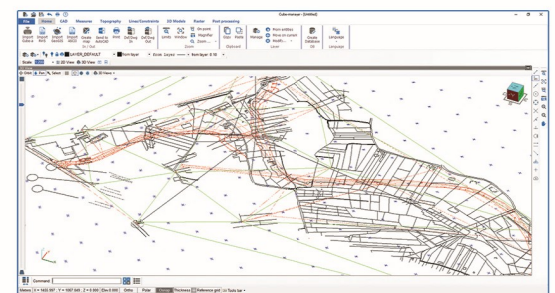
Cube-manager-p

The P is the Cube-manager's optional module dedicated to the post-processing. It offers the possibility to perform correction calculations with maximum accuracy. In addition to the basic features of the software, this module provides functions for the calculation of Stop&Go post-processing, Static post-processing for single and multiple bases, Kinematic post-processing, and least-squares Network Adjustments. Cube-manager-p is constantly updated to improve its performance.



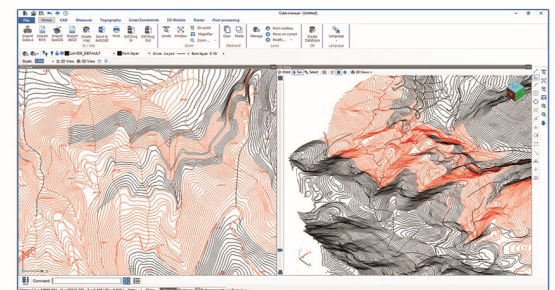
Cube-manager-t

The T is the Cube-manager's optional module that enriches and completes the topographic functions of the software. This module provides sophisticated functions of roto-translation and coordinate conversions. It enhances the management of TS surveys by integrating the traverse calculations and the 2D network calculation. It allows the georeferencing of raster images. The aim of our developers, when implementing these functions, is always simplicity and intuitive use; in addition to that, users can always make use of technical support.



Cube-manager-m

The M is the Cube-manager's optional module dedicated to modeling. This is the module designed for professionals who will work on constraint triangulations, volume calculations, contour lines, height profiles etc. In this case the users will have all the CAD commands, COGO commands and functions on the graphic entities provided in the basic software core but will also be able to perform even more specific functions such as those mentioned above.



Cube-manager FEATURES

	LINK	P	T	M
PROJECT MANAGEMENT				
Job management	✓	✓	✓	✓
Customize styles (graphic entities, dimensions, print)		✓	✓	✓
System settings (units, decimals, parameters, etc.)	✓	✓	✓	✓
Import/export ASCII	✓	✓	✓	✓
Import/export DXF-DWG	✓	✓	✓	✓
Import/export Cube-a	✓	✓	✓	✓
Import/export ESRI Shape	✓	✓	✓	✓
Import/export RW5	✓	✓	✓	✓
Import/export GeoGIS	✓	✓	✓	✓
Import/export Raster Image		✓	✓	✓
Import EMP		✓	✓	✓
TS direct import/export	✓	✓	✓	✓
Export KML Google Earth	✓	✓	✓	✓
Database creation (GeoGIS)		✓	✓	✓
Maps creation	✓	✓	✓	✓
Send to Google Earth	✓	✓	✓	✓
3D visualization	✓	✓	✓	✓
Layers management	✓	✓	✓	✓
CAD				
CAD basic functions for drawing and editing	✓	✓	✓	✓
CAD advanced functions for drawing and editing		✓	✓	✓
OSNAP	✓	✓	✓	✓
COGO commands	✓	✓	✓	✓
Dimensions management		✓	✓	✓
Raster management		✓	✓	✓
Inverse coordinates (grid to GPS)	✓	✓	✓	✓
Pregeo (Italian Cadastral data)	✓	✓	✓	✓

	LINK	P	T	M
POST-PROCESSING				
Stop&Go-Static-Kinematic		✓		
Static multiple base		✓		
Network adjustments		✓		
Loop closure		✓		
Satellite analysis		✓		
TOPOGRAPHY				
Mixed surveys	✓	✓	✓	✓
Coordinate system	✓	✓	✓	✓
Coordinate conversions			✓	
Basic topographic points management	✓	✓	✓	✓
Advanced topographic points management			✓	✓
TS survey calculation	✓	✓	✓	✓
Traverse calculation			✓	
Translation	✓	✓	✓	✓
Roto-translation			✓	
Leveling			✓	
MODELING				
Triangulation and DTM				✓
Contour lines creation and management				✓
Volumes calculation				✓
Profiles generation and management				✓
GENERAL				
Online automatic SW updates	✓	✓	✓	✓
Direct technical support	✓	✓	✓	✓
Unique license for PC software version		✓	✓	✓

Illustrations, descriptions and technical specifications are not binding and may change

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