global mapper pro

Advanced GIS processing tools at your fingertips

Point Cloud Segmentation by Spectral Graph Partitioning

The Segmentation tool analyzes the characteristics of points in order to identify clusters and apply a Segment ID that can be visualized, searched, and selected.

Python Programming Language Integration

Based in Python v3.9, Global Mapper users are now able to automate workflows in the program using the Python programming language.

Expanded undo capabilities

A customizable undo manager allows the user to specify which actions to record in order to easily return to a previous data state.

Automatic Breakline Creation

The new breakline extraction tool in Global Mapper Pro finds changes in elevation or slope and extracts these edges as 3D vector breaklines.

Download a 14-day trial today at www.bluemarblegeo.com

Global Mapper Training

Customized Sessions
A tailored curriculum focused on the needs of a company or organization

Public Sessions
A hands-on class for GIS pros and beginners, leading to Global Mapper certification

Self-Guided Sessions
A downloadable series of instructions and GIS data for learning at one's own pace

Technical Support

Email our Tech Team:
geohelp@bluemarblegeo.com

Subscribe to our YouTube Channel:
youtube.com/user/BlueMarbleWebinars

Other Resources

Our Knowledge Base:
bluemarblegeo.com/knowledgebase/

The Global Mapper Forum:
globalmapperforum.com

About Blue Marble

Blue Marble Geographics® is a geodetic and GIS software company that provides cutting-edge yet affordable products designed for both novice and experienced geospatial professionals. Blue Marble's expertise spans a broad spectrum of the geospatial technology sector with a particular focus on coordinate conversion, Lidar and photogrammetric point cloud processing, geospatial software development kits, and user-driven product development.

bluemarblegeo.com

global mapper pro
the all-in-one GIS software

Global Mapper Pro® — Raising the bar on GIS solutions.

BLUE MARBLE GEOGRAPHICS

Virtually everything you need in GIS software

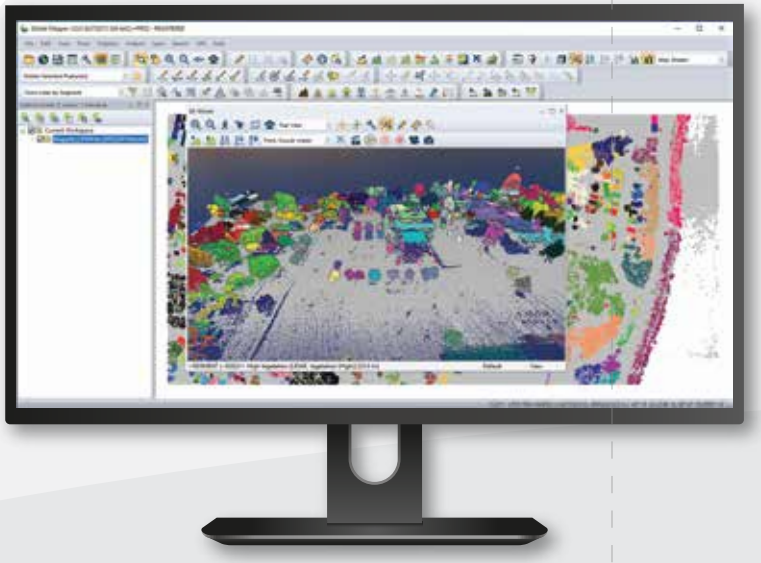
File Format Support
Growing list of more than 300 supported file formats

Vector & Raster Tools
Cropping and tiling tools, advanced digitizing tools, attribute management, and more

3D Rendering & Analysis
Contour generation, watershed and viewshed modeling, fly-through recording, and more

Scripting & Batch Processing
Ability to automate complex procedures and large volume data conversion

And much more! Download a trial of Global Mapper today at www.bluemarblegeo.com



the all-in-one GIS software

Global Mapper Pro® supplements all of the features and functions in the base version of Global Mapper® with a varied collection of professional-grade geospatial tools. The Pro version provides power users with numerous new and enhanced data processing and analysis tools. The comparison chart below shows the features and tools available in each version of the software:

Global Mapper Features	Base	Pro
Support for importing and exporting 300+ file formats	☑	☑
Access to online data sources for streaming imagery, basemaps, terrain, and vector data	☑	☑
Vector drawing, editing, analysis, and spatial operations	☑	☑
Attribute editing, joining, calculation, graphing, and querying	☑	☑
Thematic and choropleth mapping	☑	☑
Map design and pre-print layout	☑	☑
Lidar display, filtering, and manual editing	☑	☑
Terrain creation and modification	☑	☑
Terrain analysis, including contour generation, line of sight, viewshed, watershed, and flood simulation	☑	☑
Volume calculation, pile volume estimation, cut and fill analysis, and change detection	☑	☑
Immersive 3D visualization, 3D data creation and editing, fly through recording, and layer animation	☑	☑
Image rectification	☑	☑
Image blending, feathering, cropping, and pan sharpening	☑	☑
Image and raster reclassification	☑	☑
Raster calculation Including NDVI, NDWI, NBR, and custom formulas	☑	☑
Address geocoding	☑	☑
Batch file conversion and workflow automation with Global Mapper scripts	☑	☑
Integration with Global Mapper Mobile app	☑	☑
GPS support for tracking and data collection	☑	☑
Terrain painting		☑
Breakline calculation		☑
Advanced querying, editing, segmenting, and filtering of lidar and 3D point clouds		☑
Automatic classification of point cloud data including ground, vegetation, buildings, power lines, and poles		☑
Vector feature extraction from classified point cloud data		☑
Lidar noise identification and removal		☑
Point cloud thinning		☑
Vertical and horizontal rectification of point cloud data		☑
Automatic alignment of overlapping point clouds		☑
Visual analysis of point cloud data, including by local density, height above ground, intensity, and classification		☑
Point cloud profiling		☑
Pixels to Points® - Drone/UAV imagery processing to create 3D point clouds, orthoimage, and 3D model		☑
Advanced automated vectorization of imagery and terrain		☑
Support for RTK devices and display of satellite constellation		☑
Built-in editor for Global Mapper scripts		☑
Support for Python scripting		☑