

GIS – only easier, more affordable, and more accurate

Since the early 1990s, Blue Marble Geographics has been a pioneer in the development of powerful and affordable GIS, geomatics, and LiDAR processing software.

The Geographic Calculator is the standard for highly accurate spatial data conversion. Employing the most extensive library of geodetic calculation parameters available commercially, this renowned software is the go-to tool in many fields and industries throughout the world.

Global Mapper, a groundbreaking desktop and mobile GIS application, surpasses expectations by combining unparalleled data format support with an extensive array of spatial and 3D analysis tools in a truly affordable and easy to use package. This ever-popular GIS software is a must-have for both GIS professionals and map enthusiasts.

Blue Marble Geographics embraces a philosophy of user-driven software development and customer-focused product management. Companies and organizations who appreciate the importance of maintaining the quality, integrity, and interoperability of their critical data, have come to depend on Blue Marble's innovative products.

AREAS OF EXPERTISE

- GIS software
- Data conversion
- Advanced LiDAR processing
- Mobile data collection
- Data reprojection
- Powerful CAD support
- Vector data creating and editing
- Datum transformation
- Terrain and 3D analysis
- SDK and API integration
- Custom software development
- Geodesy and software training



Global Mapper

Affordable, easy-to-use, and flexible GIS software supporting more than 250 file formats



Geographic Calculator

Powerful geomatics software for coordinate conversion and datum transformation



Global Mapper LiDAR Module

Advanced point cloud processing, automatic reclassification, and custom feature extraction



Global Mapper Mobile

Tablet or handheld version of Global Mapper for GPS-enabled field data collection



Global Mapper SDK

Software toolkit providing access to Global Mapper functionality from third party applications



GeoCalc SDK

Preeminent coordinate transformation library, authority, and engine for your applications



Global Mapper LiDAR Module SDK

Powerful library that allows developers to extend advanced LiDAR processing capability to their own applications

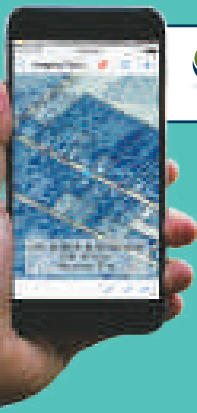


GeoCore SDK

Blue Marble's spatial data conversion API

HIGHLIGHTS

- Supports 250+ file formats
- Free streaming data services
- Full suite of digitizing tools
- Terrain layer creation
- LiDAR processing
- 3D data rendering
- Volume calculation
- Contour generation
- Watershed analysis
- Thematic mapping
- Raster processing
- GPS tracking
- Page layout and printing



 GlobalMapper
MOBILE

Take your Global Mapper data to the field with Global Mapper Mobile. This mobile application displays any data from the desktop version via a special package file. Using GPS technology, it serves as a powerful field collection and markup tool. Use attribute templates created in the desktop version to streamline the data collection process and import the new data into Global Mapper via email, Dropbox or iTunes.

Global Mapper is a complete low-cost, GIS application that combines a comprehensive array of spatial data processing tools with access to an unparalleled variety of data formats.

Developed for both GIS professionals and map enthusiasts, this versatile software is equally well suited as a standalone GIS data management tool or as a complement to an established GIS.

Global Mapper's extensive list of supported vector, raster, and elevation data formats and its ability to read, edit, and write data directly from and to existing spatial databases make it a perfect solution for quickly viewing and converting GIS data.

More than just a data processing utility, Global Mapper boasts a surprising robust collection of analysis and modeling tools, many of which have been built around the software's renowned 3D capabilities.

At a fraction of the cost of traditional GIS applications, Global Mapper will change the way you think about GIS.

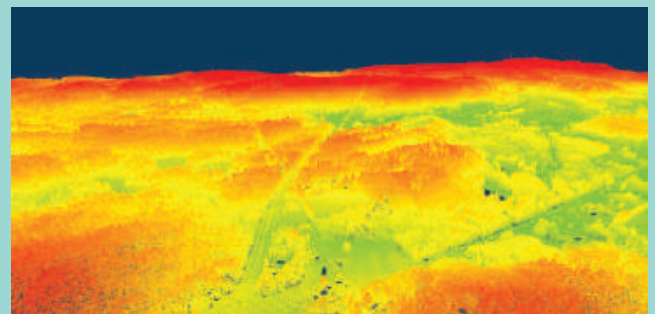
Download a FREE trial
www.bluemarblegeo.com/global-mapper

Discover why Global Mapper is redefining GIS software

Coinciding with the rapidly expanding availability of LiDAR data, the LiDAR Module supplements the standard version of Global Mapper with an array of powerful point cloud processing tools and superior terrain creation capability at a fraction of the cost of similar software.

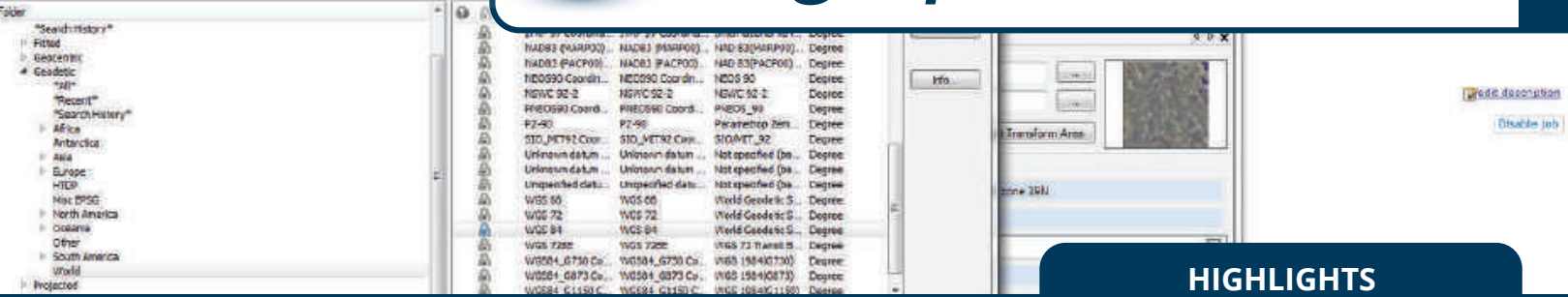
- Automatic reclassification
- Auto feature extraction
- Elevation grid generation
- Powerful path profile tool
- Manual reclassification tools
- Advanced LiDAR analysis
- LiDAR scripting commands
- Color points from imagery

 GlobalMapper
LiDAR Module



GeographiCalculator

Select Coordinate System from Database



HIGHLIGHTS

- Interactive or single point conversion
- Point database processing
- Vector file transformations
- Unmatched variety of vertical datum support
- Seismic survey geomatic tools
- Area of use polygons and accuracy tags for reliability
- Powerful CAD support
- Time-dependent transformations
- Spatial database read and write access
- Always current EPSG geodetic database support
- Support for GeoCalc geodetic database
- Custom geoid creation with Global Mapper
- Customizable data source containing:
 - Over 5,000 coordinate systems
 - Over 450 horizontal datums
 - Over 120 vertical datums
 - Over 1,600 coordinate transformations

With its well-earned reputation as standard-bearer in the field of coordinate transformation and geomatic calculation, the Geographic Calculator has been designed to ensure accuracy and consistency in spatial data management processes.

Its intuitive user interface and powerful projection and transformation parameters optimize and streamline any spatial data transformation and reprojection workflow.

The Geographic Calculator includes a powerful set of administration tools and is flexible and customizable. Supplementary coordinate and transformations parameters can be created and deployed to all users and custom area-of-use polygons can be created to constrain available transformations to defined geographic areas.

The Geographic Calculator integrates seamlessly into your existing GIS infrastructure and provides direct read and write access to common GIS file formats and spatial databases. Global Mapper and ArcGIS extensions allow you to employ the same calculations from within your GIS software.

"The Geographic Calculator has exceeded all of our expectations regarding ease-of-use, intelligence, and accuracy. The Calculator has also proven to interact well with the additional software applications we use."

B. Pelzmann | BP

Software Development Kits



Global Mapper SDK

The Global Mapper SDK allows much of the functionality of the application to be accessed from third party applications. Developers can also enhance the installed edition of Global Mapper with custom toolbars and menu items.



GeoCore SDK

GeoCore provides software developers with Blue Marble's renowned coordinate transformation capabilities as an embedded solution within custom software applications. This powerful toolkit also offers access to GeoTranslate and GeoTransform for processing vector and raster data.



Global Mapper LiDAR Module SDK

The Global Mapper LiDAR Module SDK offers software developers access to advanced LiDAR processing tools including automatic point cloud classification and feature extraction.



GeoCalc SDK

Built on the same extensive database of coordinate transformation parameters found in the Geographic Calculator, GeoCalc SDK is a cross-platform, object-oriented class library that enables coordinate transformation and other geodetic calculations in third party software.

Professional Services



Training

To help maximize return on investment, Blue Marble offers both public and on-demand training classes, in which Applications Specialists provide hands-on instruction on the efficient use of Blue Marble software products and on the principles of GIS, LiDAR, and geodesy.

Scheduled public sessions are conducted in a classroom situation and the location and dates are posted at bluemarblegeo.com. Company, or customer, specific training classes can be arranged at a location and on a date that is convenient for all attendees. The content can also be adapted to meet the specific requirements of those being trained. Limited web-based training is also available upon request.



Custom Application Development

Take advantage of Blue Marble's years of experience and proven expertise in GIS software development by contracting our team of professional service engineers for your project. Our Professional Services Division can assist you in creating custom GIS applications for image rectification and reprojection, coordinate conversion, vertical transformations, vector and raster translation, image and map file display, GPS data collection, LiDAR projects, geomatics work or virtually any type of GIS project.

Technical Support from GIS Professionals

Blue Marble takes pride in providing unmatched support for all of our applications, whether it be through a face-to-face conversation, over the phone, in emails, or otherwise. We are well known for our regular webinars, same-day bug fixes, and individual assistance that can only come from a small, customer-focused GIS software company like Blue Marble Geographics.