

# Blue Marble Releases GeoTranslate 5.0

Blue Marble Geographics (MA, USA) has released their latest GIS data conversion developer tool, GeoTranslate 5.0. This Windows C++ vector file translation and feature manipulation tool, which may be easily embedded in custom GIS applications, introduces a new level of scalable spatial data translation.

Based on the GeoConvert component that was formerly part of the GeoObjects developer toolkit and the basis of Blue Marble's Geographic Translator application, GeoTranslate provides all of the original GeoConvert functionality and much more. Blue Marble's coordinate conversion technology is the basis of GeoTranslate 5.0, and is used worldwide by thousands of GIS analysts at software companies, universities, oil and gas companies, civil engineering, surveying, technology, enterprise GIS groups, government and military organisations.

Users can read and write many of today's most popular GIS and CAD vector file formats including ESRI, MapInfo and Autodesk, but also newer formats like GML and KML. Users are also granted direct access to a wide variety of geometry objects, which can be created and manipulated on the fly. Along with these geometry objects, users are granted access to the metadata and attributes that are commonly associated with these geometries. GeoTranslate leverages the coordinate conversion power of GeoCalc, which is Blue Marble Geographics' coordinate transformation engine. GeoCalc is recognised for its reliability, accuracy, and flexibility, and it ensures that the transformations performed within GeoTranslate are as precise as possible. This tool kit also provides users with access to the largest commercially available database of geodetic definitions, which includes support for the latest EPSG database (v6.12) and more. Together, these technologies add up to a very robust and effective vector file translation solution.

Blue Marble is offering GeoTranslate 5.0 release free to all licensed GeoCalc users. GeoTranslate will allow developers to embed on the fly vector GIS reprojection and translation capability within custom software applications.

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