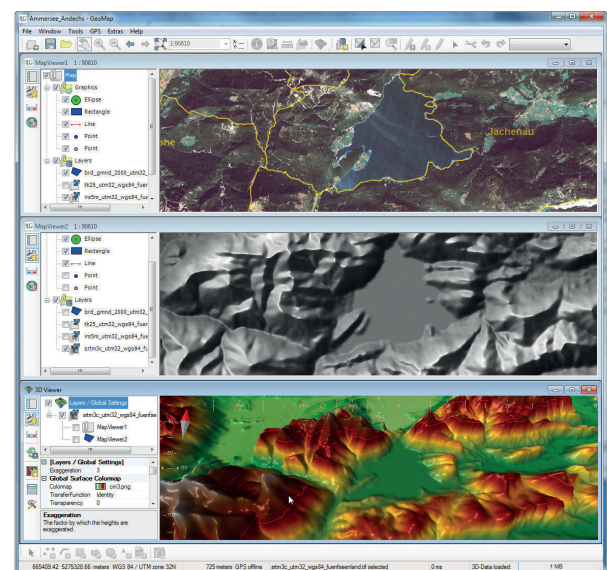


GAF GeoMap is a GIS desktop application for visualization, analysis and acquisition of raster and vector data as well as map generation and 3D visualization. The user-friendly software is easy to use – also for non GIS-specialists. Further predefined functionality for more experienced users can be switched on in addition.

GeoMap is developed OGC-conform – also with respect to INSPIRE guidelines – and in compliance with certified ISO 9001:2008 procedures and common standards. The software is programmed in Visual C# under the Microsoft .NET Framework 2.0. It is based on disposable openSource components (GDAL) and own developed class libraries. Through the use of the Microsoft DirectX library a high performance visualization of data in 2D and 3D is achieved.

Selected features/key facts:

- Simple and intuitive operability, ease of use also for users without detailed GIS knowledge
- Flexible user oriented license models, also in terms of source code
- No charged license of other parties incurred
- Multilingualism
- Linkable multi document interface
- Modular architecture and extensibility
- Modules and additional functions activatable
- Contextual menu navigation
- Management of standard and user related settings
- Support of common raster and vector formats
- Support of numerous geographic and projected reference systems as well as transformations in between
- Geometry and topology operations
- Integration and composition of graphic elements
- Representation and analysis of elevation data in 2D and 3D, hillshades, slopes, contour levels, cross sections, line of sight, perspective and 3D views, anaglyphs
- Hillshades and anaglyphs on-the-fly
- High performance 3D visualization with unrestricted movement
- Map generation with map grids, legends, further text and graphic elements
- Usage of predefined and self-defined layouts, storage of templates
- Real time access to GPS information and full-time navigation
- Support of OGC conform data access (database and web services)
- On-line help/tooltips



System requirements:

- Windows XP/Vista/7, Microsoft .NET Framework from Version 2.0, DirectX 9.0c