

GeoMedia® Professional



GeoMedia Professional is a comprehensive geospatial data editing application for building and maintaining enterprise geospatial data using industry-standard relational databases. It delivers high-productivity feature editing tools that speed the implementation of geospatial databases by improving the efficiency of common workflows.

GeoMedia Professional leverages the GeoMedia platform, which provides flexibility, interoperability, open architecture, and adherence to industry standards. GeoMedia Professional includes all of GeoMedia's powerful tools for integration, analysis, and presentation.

DATA CAPTURE AND MAINTENANCE

- Unique tools designed for increasing productivity in geospatial data capture and maintenance workflows
- SmartSnap capabilities support efficient data collection by speeding up digitized workflows
- Integrated raster/vector snaps for onscreen collection
- Rapid capture with extensive CAD-like placement and editing environment
- Ability to automatically populate attribute values and smart attribute collection tools
- Reduced connectivity errors with automatic feature relationship management
- Dynamic Queued Editing for rapid resolution of digitizing errors
- Automatic and interactive error validation and correction

COMPLETE ENTERPRISE SOLUTION

- Use industry-standard databases such as Oracle®, Microsoft® SQL Server, and Microsoft Access for spatial data storage and real-time editing of spatial data
- Take advantage of native database tools for security, access, and storage of spatial data

- Increase the accessibility of spatial data with administrator setup of enterprise libraries
- Keep track of data holdings with integrated geospatial metadata catalogs

INTEROPERABILITY

- Integrate multiple spatial data formats into a one-user view of the data – no translation required
- Integrate data using Open Geospatial Consortium (OGC®) open standards
- Import and export all major industry standard vector formats

DATA ANALYSIS

- Use a robust set of analysis tools to conduct spatial analysis between multiple geospatial databases regardless of the native format
- Combine multiple operations into a single analysis model to address complex spatial questions
- Experiment with different analysis scenarios with unique data exploration tools
- Immediately visualize analysis results
- Take advantage of powerful native database query and spatial analysis capabilities

DATA PRESENTATION

- Use layout composition tools that provide the flexibility to present data and design maps according to unique needs
- Quickly and easily generate maps for presentation purposes
- Generate high-quality cartographic output with powerful map display environment

CUSTOMIZATION

- Use the latest programming capabilities with industry-standard, high-productivity development environments such as Powerbuilder, Delphi, and any of the Visual Studio .NET languages
- Take advantage of the extensive programming interface, including capture and edit specific services, for custom command development
- Easily extend delivered capture and edit tools

REAL-WORLD BENEFITS

- Increased data accuracy and efficiency – saving both time and money involved with validating data
- Powerful analysis tools turn your geospatial data into valuable information – enabling users to make better, faster decisions
- Streamlined map creation processes – saving significant time and resources
- Support for the best tools for any job – each department can use its preferred software and data types, while working from a shared-enterprise database
- Increased productivity – eliminates wasted time spent converting or translating data, freeing staff to use that time in other ways
- Increased data accessibility – enterprise storage eliminates redundant data copies so all users and key decision makers have quick access to the most accurate and up-to-date data
- Increased data security – by storing spatial data in a central database, organizations maintain secure, high-quality data



Extensive toolbox of CAD-like construction aids enable highly productive data capture and editing.



The improved map display environment supports high-quality cartographic output.

ABOUT INTERGRAPH

Intergraph Corporation is the leading global provider of spatial information management (SIM) software. Security organizations, businesses, and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

For more information, visit www.intergraph.com.

