

BRINGING  
IT TOGETHER.**GeoMedia Professional****Collect and maintain spatial data efficiently and easily**

You have a wealth of spatial data to manage – data that is constantly being updated with changes and new information from multiple sources in various formats. You want to be able to use an industry-standard relational database for maintenance so you can keep up to date; analyze data relationships; turn information into precise, finished maps for distribution and presentation; and put GIS data into the hands of users throughout the enterprise.

**Meet the challenge.**

GeoMedia® Professional provides capture and editing tools that are easier to use, faster, and smarter than traditional GIS tools. It builds on GeoMedia's flexibility, scalability, and open standards, and delivers productivity gains for collecting and modifying data and speeding implementation of GIS databases. GeoMedia Professional enables you to make live connections to GIS data in multiple data warehouses simultaneously.

**Take advantage of intelligent tools.**

GeoMedia Professional supplies all the functionality of GeoMedia – unique data server tools for accessing GIS data from the leading industry formats and a full suite of tools for presentation and analysis. It adds smart tools for capture and maintenance of spatial data in an industry-standard relational database.

By combining the productivity of a CAD-like environment with the capabilities of GIS-specific functionality, GeoMedia Professional helps you capture clean, accurate data the first time. You can avoid traditional problems such as slivers, unclosed areas, undershoots, and overshoots.

**Manage your data – enterprisewide.**

GeoMedia Professional enables you to maintain spatial and attribute data in a single unified relational database that is easily accessed throughout the enterprise. Departments can retain control over their data, cartographers can keep maps up to date, and you can reduce redundancy. The relational database provides seamless data access and standard editing



and security tools. You can make live connections to native GIS data in multiple data warehouses simultaneously – no translation or conversion required. With real-time access to data, queries and thematic maps are automatically updated to reflect changes in the data warehouse – you always work with current information.

Spatial data resides in various locations, both inside and outside the enterprise, in diverse, often proprietary, formats. GeoMedia's data server technology provides true data integration by supporting open standards and providing direct access to all major GIS/CAD data formats and to industry-standard relational databases. These include Oracle9i™ Object Model, Microsoft® SQL Server, Microsoft Access, and IBM DB2®, as well as MGE, MicroStation®, AutoCad, ArcView, ArcInfo, MapInfo, and FRAMME™.

### Scale a solution to fit your needs.

Because GeoMedia Professional is flexible, you can use the database solution that best fits the size and resources of your company. From small shop to workgroup to comprehensive corporate solutions, support your projects with Microsoft® Access, Microsoft SQL Server, or Oracle9i.

### Create customized applications.

GeoMedia Professional is a fully functional desktop GIS solution. However, you may want to customize applications to fulfill your organization's special requirements. GeoMedia's extensive object model is accessible for customization through industry-standard programming languages such as Microsoft Visual Basic®, Microsoft Visual C++®, PowerBuilder, and Delphi.

### Reduce the learning curve.

GeoMedia Professional is designed with usability in mind. The interface has the look and feel of a standard Windows application. This dramatically reduces the learning curve for new users who are already familiar with applications such as Microsoft Word and Excel, and gets people up to speed quickly in applying GIS techniques.

### Bridge the gap between technology and productivity.

Providing a comprehensive set of services for the open computing environment, Intergraph Mapping and Geospatial Solutions helps you get the most from your investment. Our experienced staff and consultants deliver professional services that include system integration, consulting, project services, and implementation.

### GeoMedia: Open from the start

As a founding and principal member of the Open GIS Consortium (OGC™), Intergraph is a visible force in ongoing OGC initiatives for industry standards, and spearheads interoperability in the GIS and IT marketplace. Intergraph Mapping and Geospatial Solutions is committed to open systems solutions and data interoperability.

## The Intergraph Solution

With more than 30 years of technology innovation to its credit, Intergraph Mapping and Geospatial Solutions understands the business challenges customers face every day. Our unique combination of pioneering technology and comprehensive professional services makes Intergraph the leading provider of industry-specific solutions for Geospatial Resource Management, Land Information Management, Commercial Photogrammetry and Remote Sensing, Geospatial Intelligence, and Geospatial Data Management and Cartography.

Intergraph customers can be found around the world in local, regional, and national government entities; transportation and mapping agencies; utilities and communications companies; photogrammetry organizations; the military; educational institutions; and more. Discover how Intergraph's geospatial solutions can help you solve your problems and meet your enterprise goals.



GeoMedia Professional provides capture and editing tools that are easier to use, faster, and smarter than traditional GIS tools, enabling accurate data collection, for example, from this orthophoto.



Using industry-standard relational databases to store and manage both spatial and attribute data enables you to put GIS data into the hands of users throughout your enterprise.



Visit [www.ingr.com/international/](http://www.ingr.com/international/) to locate the sales office nearest you, and learn more about GeoMedia Professional.

