INTERGRAPH

GeoMedia® – Version 6.1

Intergraph® GeoMedia® is a powerful tool that allows you to bring data from disparate databases into a single geographic information system (GIS) environment for viewing, analysis, and presentation – with no translation required. GeoMedia prevents problems resulting from redundant and out-of-date data, since all users access geographic information from a single source. GeoMedia's data server technology supports open industry standards, enabling direct access to all major geospatial/CAD data formats and to industry-standard relational databases.

PRODUCT BENEFITS

- Enables you to easily integrate and analyze landbase and facility information between GeoMedia and G/Technology, and perform analysis of G/Technology facilities in GeoMedia

- Allows you to use Intergraph Computer Aided Dispatch (I/CAD) data within GeoMedia to produce better-quality maps

- Enables you to share common raster and coordinate system platforms between TerraShare® and GeoMedia, supporting the use of more European Petroleum Survey Group (EPSG) codes and coordinate systems for GeoTIFF export

- Reaches beyond the enterprise to include data from other sources using Open Geospatial Consortium (OGC®) standards: Web Feature Service (WFS) and Web Map Service (WMS)

- Enables the use of style animation to draw attention to features that support alarms or risk situations

- Allows you to maintain common visualization features between GeoMedia Desktop products and GeoMedia Web products, removing guesswork during collaborations

- Produces higher-quality mapping and plotting products than ever before

- Enables you to perform site location using the latest functional attributes and spatial operators

- Supports quick display of important information within the map window by allowing you to customize map window tool tips

- Allows you to customize GeoMedia using the latest development tools and environments

FOCUS OF ENHANCEMENTS

GeoMedia 6.1 is a major release of all four GeoMedia products: GeoMedia, GeoMedia Professional, GeoMedia Viewer, and GeoMedia Objects. Enhancements address several areas: enterprise; visualization; map production; productivity and performance; and customization.

ENTERPRISE ENHANCEMENTS

- We have expanded interoperability with other Intergraph product families

  - Enables analyses of G/Technology facilities against the landbase using the G/Technology data server

  - Supports the use of deltas through the G/Technology data server, eliminating the need to republish Display Data Channels (DDCs)

  - Supports I/CAD data within GeoMedia with the .map data server

  - Allows you to serve large amounts of raster data from TerraShare with the TerraShare data server

- Uses identical feature rendering for both GeoMedia Desktop and GeoMedia WebMap

- Allows you to access Structured Query Language (SQL) Server and Oracle warehouses with GeoMedia Viewer

- Includes interfaces for WMS and WFS, as well as the Geography Markup Language (GML) data server

- Supports additional technology advances

  - Supports the Microsoft® Windows Vista® operating system and 64-bit hardware architecture

- Supports Oracle Georaster and SQL Server 2005

VISUALIZATION ENHANCEMENTS

- Style animation is now available. Any style property can be used in animation within the map window.

- GeoMedia Desktop and GeoMedia WebMap now use the same rendering engine.

MAP PRODUCTION ENHANCEMENTS

- GeoMedia style technology enables cartographic editing of individual features using GeoMedia Map Publisher.

- Text placement has been improved, including the **Place Text Along Linear** feature.

- You can now quickly search, edit, or replace text.

- The map window now supports multiple languages simultaneously.

- Support for UNICODE is now included throughout the product.

- Support for map composition, including control of endcaps and midline joins, is now available in the layout window.

PRODUCTIVITY AND PERFORMANCE ENHANCEMENTS

- The **Select** tool now supports irregular fences.

- Improved performance in all data servers and spatial filters enhances efficiency.

- New functional attributes and spatial operators to support locating "nearest" features have been added.

- Map window tool tips per legend entry have been added.

- The new **Search** command allows you to set additional parameters and save searches in GeoMedia libraries. Results are presented systemically.

- The **Edit** command now employs both action-object and object-action paradigms.

- Many commands now require fewer mouse clicks, increasing operator speed.

CUSTOMIZATION ENHANCEMENTS

- Command Wizard now supports Visual Basic .NET or C#.

- GeoMedia now supports Visual Studio 2003 and Visual Studio 2005 development environments.

- GeoMedia now supports .NET 3.0.

- You now have access to more events, objects, and interfaces than ever before.

PREVIOUS ENHANCEMENTS

Key focus areas for previous GeoMedia enhancement releases include:

- Major improvements in style definition and map display

- Enterprise support, introduction of libraries and categories

- Schema remodeling

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.

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