CUSTOMER BENEFITS

- Provides a fully-scalable server solution in the form of Web services or Web sites (thin-client solutions), including enterprise data access, sophisticated geospatial analysis, and map generation
- Includes Intergraph® GeoMedia® WebMap Publisher, which allows you to easily create and configure Web sites or Web services – with no programming required
- Provides direct, real-time access to enterprise geospatial data, enabling you to build Web sites that provide thin clients with a powerful, dynamic, and open geospatial application previously available only on the desktop

FOCUS OF ENHANCEMENTS

Enhancements in this release build on the power of our GeoMedia suite and enable you to leverage the power of the Web.

- Generate vector maps you can render using the Adobe Flash Player, a browser plug-in common to all major platforms
- Create a Google Maps or Microsoft® Bing Maps “mashup” without having to learn your geospatial browser’s application programming interface
  - Take advantage of the geospatial browser’s base data – both imagery and vector
  - Integrate the geospatial browser data with your GeoMedia data, or with any data you can access through our GeoMedia data servers, including other Open Geospatial Consortium (OGC®) Web services
- Perform sophisticated geospatial analysis and view results overlaid in your geospatial browser’s map view

- Use the same graphic user interface (GUI) you use with Google Maps or Microsoft Bing Maps – a modern Asynchronous JavaScript and XML (AJAX)
- GUI with zoom control and pan, as well as multiple data modes for map, satellite, and hybrid
- Perform server-side tiling and caching, and then cache maps on the local client – so you pay the bandwidth price for loading a tile only once
- Leverage Web services provided in previous releases, including both OGC and Simple Object Access Protocol/Web Services Description Language (SOAP/WSDL) interfaces
  - New Web coverage service (WCS) enables the exchange of geospatial continuous spatial data, such as aerial photography, land cover, and elevation data (OGC WCS)
  - Reverse Geocode finds the address of a set of coordinates (SOAP/WSDL, OGC OpenLS [OLS] 1.1 Reverse Geocode Service)
  - OGC Catalog Service (CS-W) supports metadata that conforms to either the FGDC profile or the ISO-19115 profile
  - Upgraded Generate Map command supports OGC WMS 1.3, hierarchical legends, and watermarks
  - Enhanced routing Web service in WebMap Professional provides best order routing, finds closest routing, handles NAVTEQ and TeleAtlas data without building your own routing network, supports maneuvers, and supports Z-elevation
  - Web services for both dynamic segmentation and reverse dynamic segmentation allow basic linear referencing
  - LRS precision location Web service and overlay Web Service increase flexibility
• Manipulate Feature Web service (WFS) can now produce GeoRSS and KML
• Take advantage of new display pathway for higher-fidelity rendering
  • Attribute-based symbology provides a mechanism for differentiating between features based on single or multiple attribute values
  • Translucency of all raster data and area color fill increases usability
  • Ability to identify different text features as you pan and zoom provides conflict detection
  • Additional thematics map types, such as dot density, bar charts, graduated symbols, and pie charts, provide you with more visual options
  • Symbology integration with desktop and mobile devices enables data-sharing
  • Additional rendering features – such as text/symbol masking with a halo, user-defined area hatching, symbol, and text display in a single legend entry, endcap, and midline joint specification, user-defined styles, “none” as a color choice for linear graphic elements, and view-independent text and symbols – enhance map detail
• Access an enterprise library for use with WebMap Publisher metadata and custom WebMap applications
• Perform sophisticated grid analysis with GeoMedia Grid raster engine
• Include Oracle georaster data in your workflow
• Take advantage of new data servers: geographics, MAP file, WCS, and KML
• Deploy Web applications with VMWare ESX, a virtual server environment

PREVIOUS ENHANCEMENTS
Key focus areas of previous GeoMedia WebMap releases included these enhancements:
• Provided a service-oriented architecture:
  • Support for Web service industry standards – OGC, XML, SOAP, WSDL – gives you access to industry-standard Web tools
  • Seamless integration with WebMap Publisher simplifies workflow
  • Web services for query and map generation, feature manipulation, routing, address geocoding, and catalog query leverage the power of the Web in the mapping environment
• Added WebMap Publisher usability enhancements, including an easier-to-manage project-oriented GUI, Web site layout templates, Oracle or SQL-Server metadata option, enhanced zoom and pan commands, native SVG translucency, and MapText LabelWeb integration

ABOUT INTERGRAPH
Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph’s industry-specific software to organize vast amounts of data into understandable visual representations and actionable intelligence. Intergraph’s software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph

PP&M provides enterprise engineering software for the design, construction, and operation of plants, ships, and offshore facilities. Intergraph SG&I provides geospatially powered solutions to the defense and intelligence, public safety and security, government, transportation, photogrammetry, utilities, and communications industries.

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