

## Geospatial Solutions Win Gold Medals For City of Hamilton, Canadian Forces

does a search and locates a certain asset, say a building. The user wants to find out if a specific type of commercial service is located within a certain radius of that asset.

The Hansen system issues a Web service query, using standard protocols, which goes to a Geomedia Webmap server. The server generates a map to answer the query, and tells the Hansen system the location of that map on the Web. A renderer in the Hansen system pulls the map and puts it up on the screen.

“It’s a loose interoperability that maximizes flexibility and modularity,” Holmes said. “You can plug and play different GIS and asset-management technologies.

“This is going to become the model for many business-to-business system interfaces and communications as we go forward with the .NET world.”

Such integration of tabular and spatial data generates high returns on investment for organizations that implement GIS technologies enterprise-wide, Holmes said.

“We are moving well beyond traditional land-based management and moving into business operations. It is not just for the GIS people any more, it’s for everybody who can take advantage of spatial information.”

*This article was prepared with the assistance of Simone Assad, marketing specialist with Intergraph Canada Ltd., [simone.assad@intergraph.com](mailto:simone.assad@intergraph.com)*

The City of Hamilton and the Canadian Forces both won Gold Distinction Awards for innovative geospatial solutions during GTEC Week 2004.

The awards were presented at the Distinction Award ceremonies at the Museum of Civilization in Gatineau, Quebec, on October 18, during the 12th annual GTEC Week conference and exhibition.

The conference was held October 18-20, with most events at the Ottawa Congress Centre & Westin Hotel. The Distinction Awards recognize leadership, innovation and excellence in enabling and managing e-government within the public sector.

The City of Hamilton received a Gold Award in the municipal category for its MAP Hamilton Geographic Information System Web site ([www.map.hamilton.ca](http://www.map.hamilton.ca)).

This site includes the Economic Development Site Selector, which provides information on available lands for development, including infrastructure services, traffic volumes, bus routes, demographics, business reports, aerial photography and realtor contact information.

The application is also a promotion and marketing tool for downtown renewal and includes assessment data, parcel mapping, street-level building photos, development incentive programs, and business improvement

areas. Users can also do interactive mapping with a general atlas of Hamilton.

“The Web site has established the City of Hamilton as a world leader in online solutions for government services,” Intergraph Mapping and Geospatial Solutions, a supplier to Hamilton, noted in a release.

In a federal award category, Securing and Managing Information Assets, the Gold Distinction Award went to the National Defence Mine/Countermine Information Centre.

This internationally acclaimed solution includes a Web site, also built with Intergraph technology, which provides downloadable information to PDAs, CDs and a handheld mapper for collecting new information from the field. The mapper gives soldiers the ability to collect information regarding landmine location and composition, and to export that information via PDAs.

A de-miner in the field now has a complete description along with very detailed photos of the various mines likely to be encountered within a specific country or countries.

The Ontario Ministry of Natural Resources also won a gold medal at GTEC (see page 19). For a detailed list of award recipients, visit [http://www.gtecweek.com/ottawa2004/english/distinction\\_awards/?s=medal\\_winners](http://www.gtecweek.com/ottawa2004/english/distinction_awards/?s=medal_winners).