

Company History

Buffalo Computer Graphics is a global provider of Geographic Information Systems (GIS), Incident Management and Mass Notification solutions, as well as training simulation systems, and custom engineered products for a variety of industries. A veteran-owned U.S. Small Business, BCG has provided its private sector and government customers with superior products and outstanding service for over twenty-five years. The ability to provide unique, custom-tailored solutions, as well as products that can integrate with an organization's existing infrastructure is what sets BCG apart from its competitors.

GIS Software & Services

Custom GIS Software Development

- Custom Web Applications
- Spatial Data Management
- Mobile Applications

GIS Infrastructure Planning & Development

- GIS Infrastructure Design
- GIS Services Development
- Needs Assessment & Implementation Planning

Clients

BCG has been responsible for the design and development of custom hardware and software applications for customers including the New York State Department of Health, the New York State Emergency Management Office, the New York State National Guard, the Minnesota Department of Homeland Security, the Vermont Department of Emergency Management, Guam's Department of Homeland Security, Niagara Region Canada and the counties of Erie, Niagara, Chautauqua, Westchester and Orange County New York.

Support

In addition to working closely with our customers to determine their exact needs, BCG prides itself on the ability to provide quick and expert support for all installed systems. This includes immediate phone support, on-site assistance, and both formal and informal training classes for all of our products.

Recent Awards

Buffalo Computer Graphics has been awarded the 2010 ESRI Business Partner of the Year for the Northeastern region.

The **Automatic Vehicle Locator (AVL)** with optional meteorological and radiological data is a **Custom Web Application** available as an optional module for the DisasterLAN™ incident management system. The AVL was deployed during in a state-wide exercise involving the New York State Emergency Management Office (SEMO), New York State Department of Health, Niagara Region Canada, and Erie and Chautauqua Counties in New York State.



Automatic Vehicle Locator (AVL) Showing Current Vehicle Location and Trails

Vehicles equipped with BCG Automatic Vehicle Locator (AVL) equipment are tracked in real time on the DisasterLAN™ GIS Map along with vehicle trails showing where each vehicle being tracked has been over a specified time period.

The application's identify tool can be used to determine vehicle ID, heading, speed and geospatial position. If the radiological option is included, a Geiger-counter reading in counts per minute will also be provided. If the meteorological option is included, the identify tool will also supply inside temperature, outside temperature, wind speed and wind direction.

ID	Heading	Latitude	Longitude	Speed	Geiger Counter	Inside Temp	Outside Temp	Wind Speed	Wind Direction
3353	SW	43.0042666666667	-77.6668	13 mph	40 counts per minute	79.2 F	69.8 F	4 mph	SSW

Results of the Identify Tool

While the AVL is part of the DisasterLAN™ incident management system, it can also be customized as a **Dynamic Asset Tracking** system for tracking assets of any sort, including properly equipped vehicles, equipment and even people, via the GIS module.

