GeoLynx® Mobile is an in-vehicle mapping and navigation system for police, fire, and emergency medical services (EMS) responders.

GeoLynx Mobile extends public safety GIS into the field when installed on a mobile data computer in each of your emergency responder vehicles.

GeoLynx Mobile shows your current location and provides turn-by-turn driving directions to the scene; along with the ability to see the location of live 9-1-1 calls, Computer Aided Dispatch (CAD) calls for service, and other vehicles in your fleet.

GeoLynx Mobile is streamlined for the mobile vehicular environment, with features that include hands-free, heads-up navigation: large touch screen buttons, maps that automatically re-center and scale based on location, heading and destination, and daytime or night time display modes.

GeoLynx Mobile provides scalable functionality based on your needs:

- Use as a compact GIS system in the field for address searches, driving directions, distance measurements, custom GIS data and aerial imagery viewing, and hazardous materials tools
- Add a Global Positioning System (GPS) receiver to track your vehicle on the map with turn-by-turn driving directions
- Enhance your system further with full fleet Automatic Vehicle Location (AVL) tracking so users can see themselves and other response units along with user drawn incident perimeters, 9-1-1 calls, and CAD calls for service in real time, as situations unfold

GeoLynx® is a registered trademark of Geo-Comm Inc.
BENEFITS

Extends public safety GIS from the PSAP into the field

 Provides hands free, heads-up display for safe in-vehicle mapping and navigation

 Presents a common operating picture between the PSAP and emergency responders

 Improves emergency response times

 Creates real-time situational awareness for making decisions in the field

 Eliminates the need for paper map books and atlases in the vehicle

FEATURES

Displays turn-by-turn driving directions

 2D/2.5D moving map centers on your vehicle, rotates to vehicle heading, or centers on vehicle and incident location as you drive

 Displays the location of other units in the fleet on your map

 Automatically computes the route from your vehicle to an emergency scene

 Routes around barriers, such as temporarily closed or blocked roads

 Shows the location of 9-1-1 calls and CAD incidents on your in-vehicle map display

 Shares user drawn map markups across all GeoLynx Mobile and Server users, enabling better collaboration across your public safety GIS enterprise

 Hyperlinks to valuable information, such as network cameras, blueprints, campus maps, and property images

 Ability to view Pictometry aerial oblique imagery in the vehicle

 Hazardous Materials (Hazmat) tools including Emergency Response Guidebook (ERG) 2012 isolation protocols and Areal Locations of Hazardous Atmospheres (ALOHA) threat zone mapping

 Multi-touch display support for pinch, stretch, tap, double-tap, hold, drag, and flick gestures

 Leverages new Esri technology and Microsoft Windows Presentation Foundation (WPF) to provide fast maps, breakthrough user performance, and simplified lightweight application deployment and maintenance