



Maryland's Statewide Addressing Initiative

Background

Identifying address locations for emergency preparedness, along with improving acquisition and access to the information, is mission-critical for federal, state and local government agencies throughout Maryland and the Nation.



To respond to this need, the Maryland State Geographic Information Committee (MSGIC), in cooperation with the Towson University Center for GIS (TU-CGIS) and ESRI, is leading an initiative to coordinate distribution of road centerline address data for the entire State of Maryland. The project will coordinate and build upon existing road centerline efforts and will meet the needs of federal, state, and local government agencies within Maryland.

The Partnership

Besides MSGIC and TU-CGIS, several Maryland government entities have expressed an interest in participating in this cooperative effort, including the Maryland Emergency Management Agency, the Maryland Departments of Natural

Resources, Planning, and Transportation, the local governments of Howard, Anne Arundel, St. Mary's, and Frederick Counties, and others.

Goals

Project goals include the following:

- To provide a unified, statewide road centerline that supports addressing needs;
- To provide counties with a means to automatically share an unrefined version (i.e., not for meeting federal highway reporting requirements) of their street centerline data;
- To augment existing efforts of Maryland State Highway Administration's federal reporting by improving data access via a centralized distribution node;
- To advance ESRI's mission in demonstrating the data synchronization capabilities of ArcGIS Server 9.2;
- To increase the efficiency of statewide highway incident reporting and highway safety;
- Save lives, reduces costs and make government more effective and efficient.

Challenges

Challenges the project must overcome include the following:

- Several Maryland counties do not currently maintain address information in their centerline outside of E911 data;
- Creation of a uniform database schema that meets the needs of all principal stakeholders and is

useable by the widest possible spectrum of users.

Benefits

Completion of the project will provide Maryland with the following benefits:

- Enhanced 911 service;
- Road centerline with address that meet participants' needs as well as the widest possible spectrum of users;
- Consistent, statewide product;
- Seamless coverage;
- A product that has undergone quality control inspection;
- Fully embrace the Internet, eliminating the need for manual data exchange via CD, DVD or other physical media;
- Provide central and unrestricted access (subject to Homeland Security/Emergency Response requirements) to the most current centerline data for emergency preparedness and response.
- Save lives, reduces costs and make government more effective and efficient.



Maryland State Geographic
Information Committee



ESRI

