

# Esri® Technology for Homeland Security

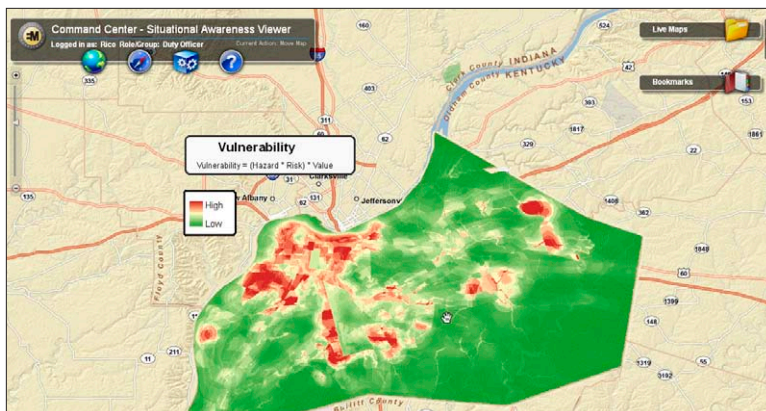


# Esri Improves Homeland Security

## A Complete System to Meet Your Mission

Today's homeland security landscape is increasingly complex. For several years, funding to support the homeland security mission was generally available. Today, with reduced budgets and reduced funding, the ability to acquire additional personnel and equipment is much more challenging. Esri® technology enables you to effectively assess your vulnerabilities and optimize the deployment of public safety resources so you get the most from your existing investments.

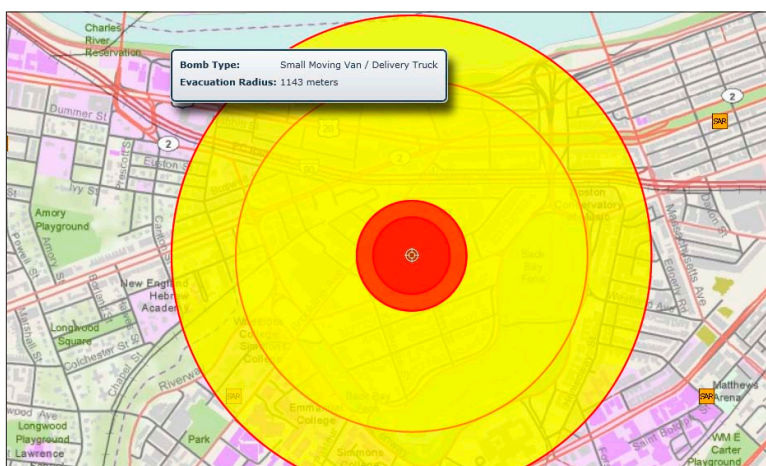
To overcome these and other challenges, you need better intelligence. And you need effective communication and collaboration. Esri gives you a complete system to plan, prepare, and respond in a moment's notice. For decades, Esri has partnered with federal, state, and local agencies to design, build, and deploy geographic information system (GIS) solutions for improved homeland security.



This vulnerability assessment, generated for the hazard mitigation plan, is not only published in paper form but also operationalized as another map overlay in the common operating picture.

## Esri Provides a Complete System

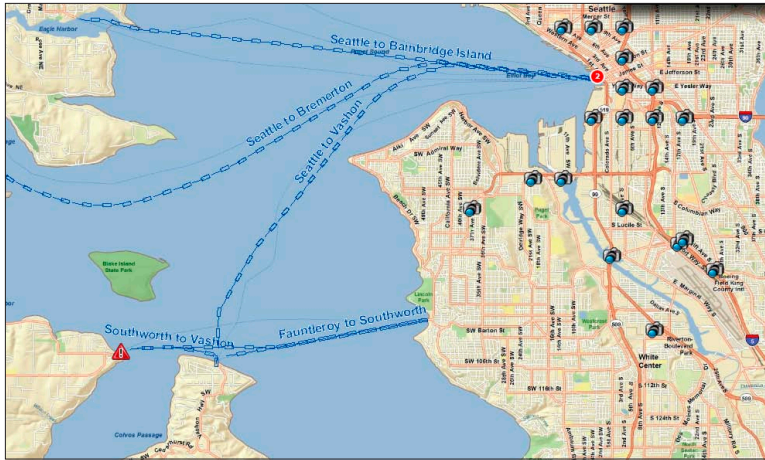
Esri enables you to optimize decision making throughout the organization. Its software services uniquely support homeland and national security capabilities on the desktop, within the cloud, or out in the field.



## Planning and Analysis

Esri technology supplies unmatched information analytics. You can accurately determine potential impacts by fusing incident data with critical infrastructure, population densities, and other community values. Vulnerabilities can be observed, modeled, and better understood using spatial analysis tools. You can guard against potential consequences and develop comprehensive mitigation and risk-based contingency plans.





Data Management—Bringing Data from Disparate Sources into a Common Viewer

## Data Management

You need to take volumes of disparate data and transform it into actionable information. GIS provides a standards-based platform that easily fits within your existing information technology structure. It gives you a powerful integration platform for storing and maintaining data using location as the common denominator.



Situational Awareness—  
Illustrating a Chemical Plume and  
Identifying Road Closures and  
Critical Infrastructure with This  
Common Operating Picture

## Situational Awareness

Effective situational awareness means accessing real-time, secure information that's continuously updated. GIS brings together multiple data streams (sensors, cameras, traffic, weather, incidents, etc.) using a geospatial interface to represent the current situation at any scale. You can quickly display, understand, and share vital intelligence for decision support.

Field Operations—Utilizing  
Mobile Solutions in Connected  
and Disconnected Environments

## Field Operations

GIS supplies mobile tools that enable you to get timely information anytime and anywhere and to rapidly push that data out to the field. Mobile GIS easily captures, sends, and receives information using a map-based common operating picture. Information is more effectively shared, and you have true interoperability for a safer, more effective response.

Learn more about GIS for homeland security at [esri.com/publicsafety](http://esri.com/publicsafety).



## About Esri

Since 1969, Esri has been helping organizations map and model our world. Esri's GIS software tools and methodologies enable these organizations to effectively analyze and manage their geographic information and make better decisions. They are supported by our experienced and knowledgeable staff and extensive network of business partners and international distributors.

A full-service GIS company, Esri supports the implementation of GIS technology on desktops, servers, online services, and mobile devices. These GIS solutions are flexible, customizable, and easy to use.

## Our Focus

Esri software is used by hundreds of thousands of organizations that apply GIS to solve problems and make our world a better place to live. We pay close attention to our users to ensure they have the best tools possible to accomplish their missions. A comprehensive suite of training options offered worldwide helps our users fully leverage their GIS applications.

Esri is a socially conscious business, actively supporting organizations involved in education, conservation, sustainable development, and humanitarian affairs.

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