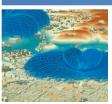
# **Enterprise GIS: Transforming Insights into Results**





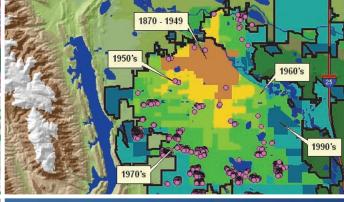


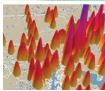












# ESRI for Utilities

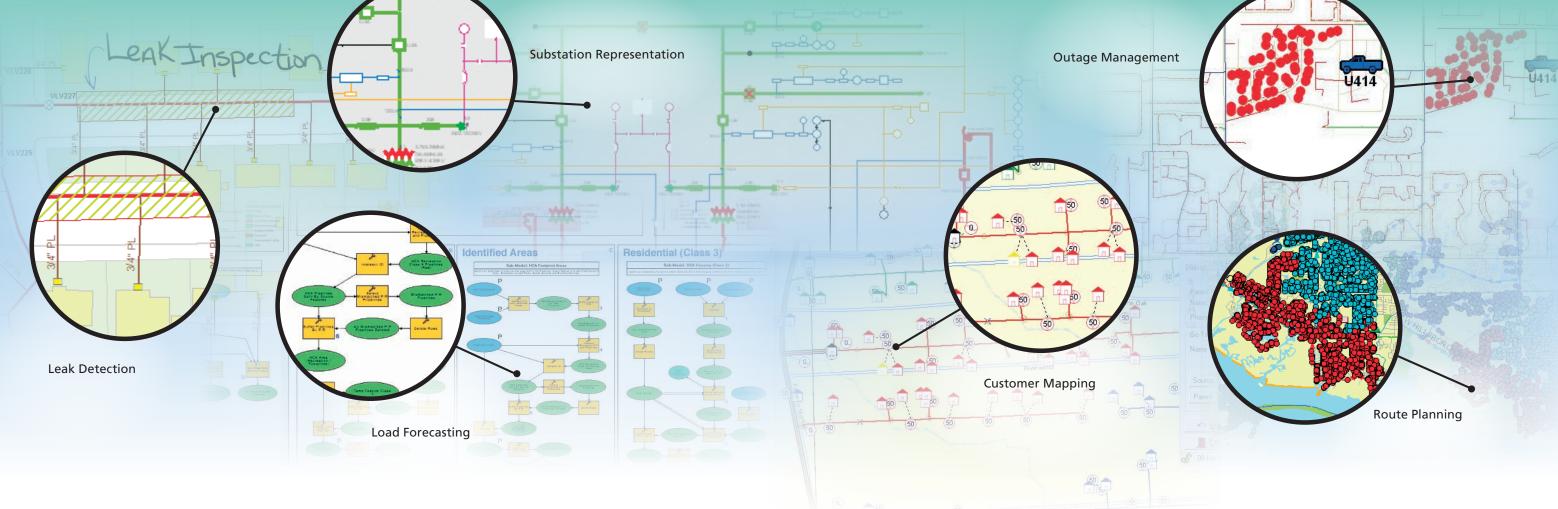


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ESRI's geographic information system (GIS) software delivers tangible, measurable business results. That's why many of the world's leading utilities, telecommunication companies, public works organizations, and other infrastructure organizations invest in ESRI® software. GIS from ESRI provides insight into asset condition, deployment of field crews, plans for expansion, customer service, and community impact for better decision making, collaboration, and communication.

Because location is an underlying attribute of virtually all aspects of a utility's business, GIS technology should be a core part of your information systems. From embeddable components to Web GIS and high-performance image distribution and processing, only ESRI has the range of GIS solutions needed to spatially enable your information technology strategy.

See how ESRI can help shape your organization to become a utility of the future.



## **Enterprise GIS: Transforming Insights into Results**

ESRI provides infrastructure companies with a complete enterprise GIS system. Our software supplies powerful visualization and cartographic mapping, enterprise-level spatial analysis, and comprehensive geographic information management.

#### **Mapping and As-Builts**

ArcGIS® is the world's leading software used to produce high-quality, easy-to-use maps for utilities to capture their assets. ArcGIS makes it easy to capture as-built information into the corporate enterprise GIS.

#### Graphical Design and Engineering

Infrastructure companies use ArcGIS software's advanced editing and cartographic representation tools to generate high-quality, easy-touse design graphics to speed construction.

#### Asset Monitoring and Tracking

The unique ability of GIS to author, serve, and use locational information gives infrastructure companies the capability to track their assets, monitor their conditions, and make better decisions.

#### **Outage Management**

The key to rapid restoration of gas, electric, and water outages is accurate and intelligent models of utility assists. ArcGIS is the leader in the capture, service analysis, and use of connected systems like electric, water, and gas networks.

#### Mobile Field Crew Automation

ArcGIS eases the process of capturing as-built information from the field using a variety of tools, from the popular ArcPad® software to ArcGIS Engine applications to the full suite of ArcGIS. Companies can use GIS on all kinds of mobile devices like cell phones, PDAs, and Tablet PCs.

#### **Integrity Management**

Pipeline companies must meet strict integrity regulatory requirements. They use GIS to analyze their pipelines by fusing information from a variety of sources—from high-definition imagery to data from pipeline in-line inspection systems. GIS has become the common language to communicate pipeline integrity.

#### Leak Detection

The management of water and gas leaks in an aging infrastructure can be daunting. ArcGIS provides a framework to capture field inspection information with corporate data to give gas and water utilities the right tools to detect and correct leaks in a cost-effective, safe, and timely manner.

### Route Planning/Route and Stop Optimization

Infrastructure companies have employees, assets, and customers dispersed throughout their territories. ESRI's industry-leading routing tools save companies 15 to 20 percent on their logistics costs by optimizing routing and route planning.

#### Vegetation Management

Vegetation interfering with electric lines is the leading cause of power failures.
Using ArcGIS modeling and integration capabilities, companies can better plan for and deploy resources to lower the cost of vegetation management while increasing its effectiveness.





#### **ESRI**

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For more than 35 years, ESRI has been helping people make better decisions through management and analysis of geographic information. A full-service GIS company, ESRI offers a framework for implementing GIS technology and business logic in any organization from personal GIS on the desktop to enterprise-wide GIS servers (including the Web) and mobile devices. ESRI GIS solutions are flexible and can be customized to meet the needs of our users.

#### **For More Information**

1-800-GIS-XPRT (1-800-447-9778)

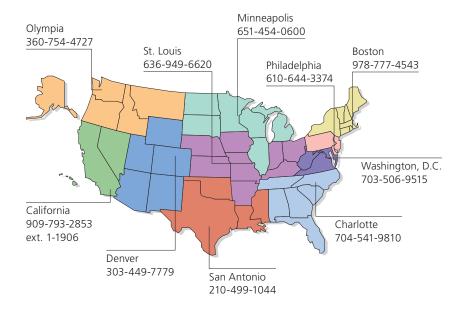
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