

GIS for Gas Distribution Integrity Management

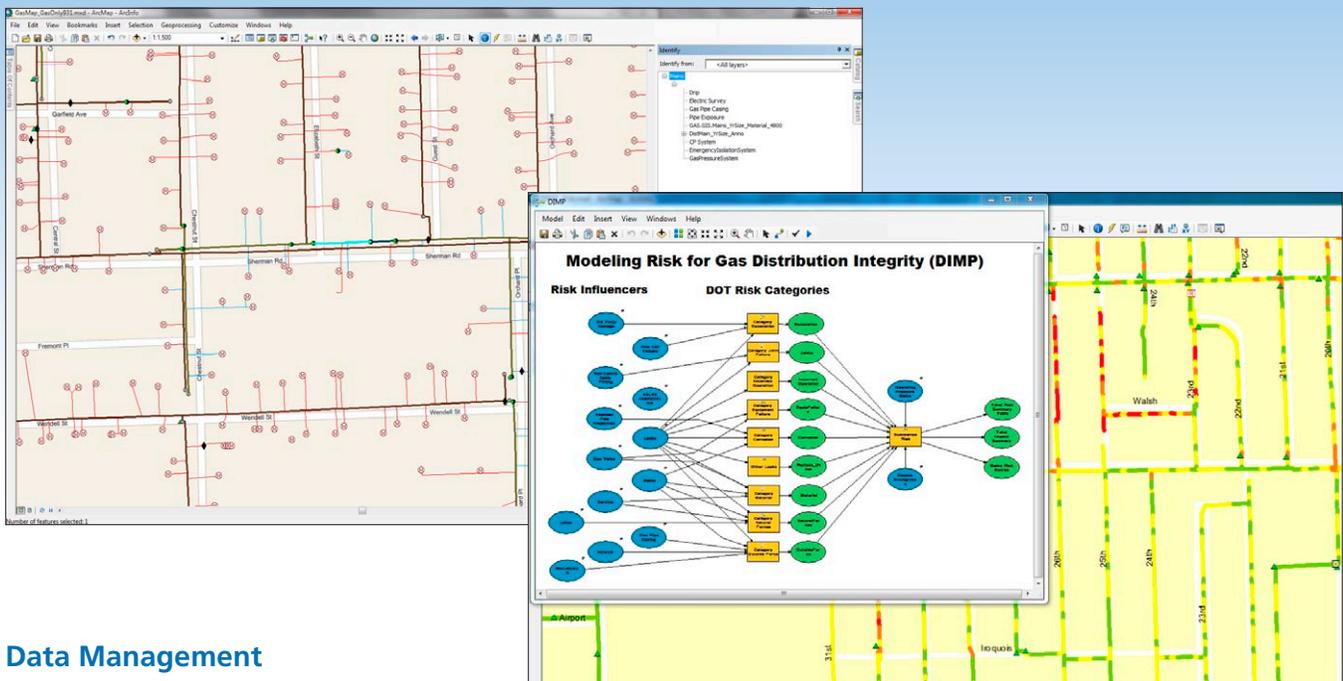


The Geographic Advantage™

The Geographic Approach™ to Gas Distribution Integrity Management

A geographic information system (GIS) integrates hardware, software, and data for capturing, managing, analyzing, and displaying all forms of geographically referenced information. The geographic approach, through GIS technology from ESRI, allows you to view, query, and understand data in many ways. You see relationships, patterns, and trends in the form of GIS-based maps, reports, and charts. GIS helps you answer questions and solve problems. When viewed in the context of geography, your data is quickly understood and easily shared. GIS technology can be integrated into any enterprise information system framework.

Empowering Utilities with GIS



Data Management

Gas utilities worldwide use GIS to maintain, manage, and map the location of distribution infrastructure and millions of miles of pipes. With GIS, utility asset data links directly to other key information, enabling you to proactively monitor work orders and outages and ensure public safety.

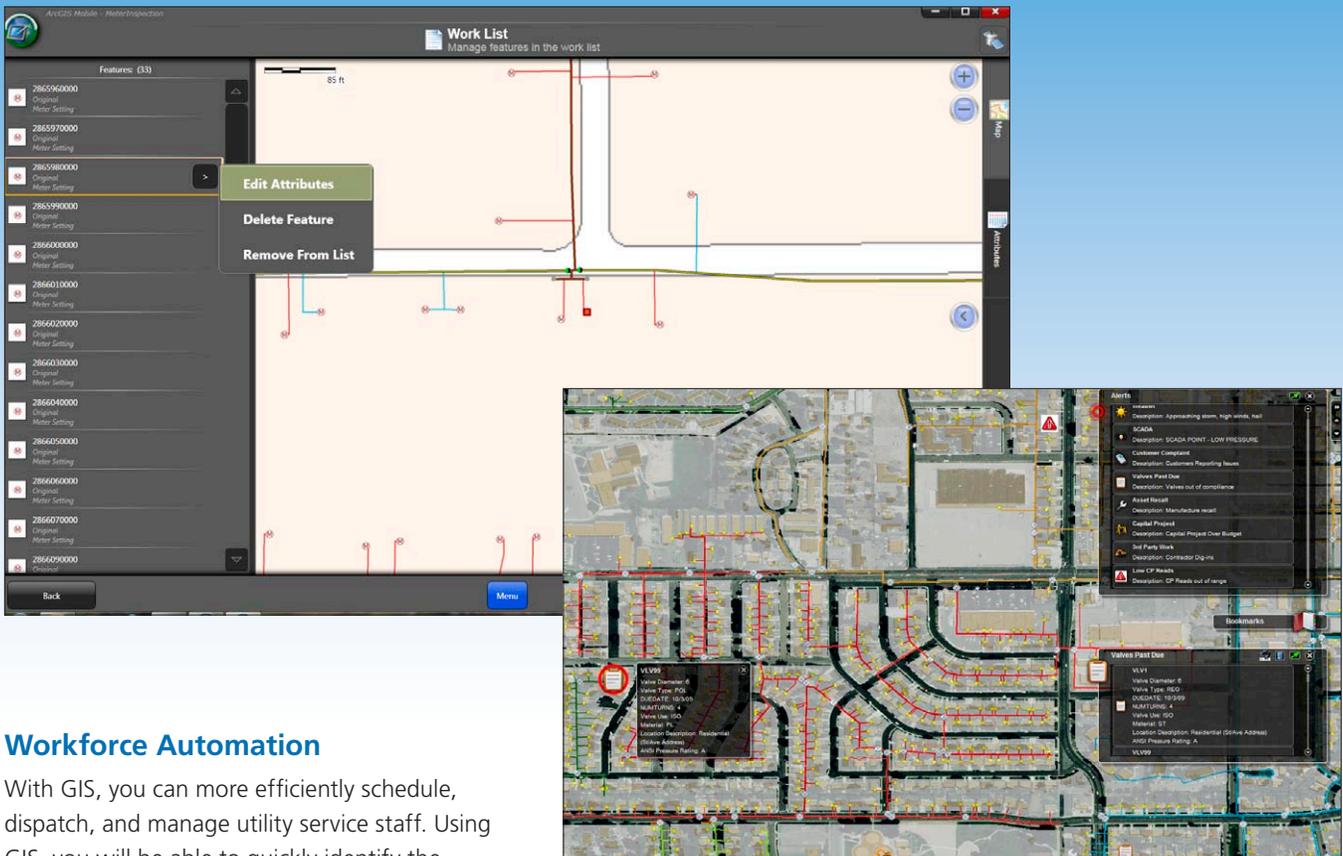
Planning and Analysis

GIS-based planning allows you to model pipeline routes and determine rights-of-way that respect the land and landowners. Analytic tools within your GIS help you identify vulnerabilities, ensure regulatory compliance, weigh asset investments, and understand customer satisfaction.

[Learn more and download the free DIMP](#)

Address DIMP Requirements with GIS

Every threat involved in a Distribution Integrity Management Program (DIMP) has a geographic location. GIS technology from ESRI connects your distribution data to its geographic location and provides you with a powerful analytic tool to identify and quantify threats, calculate and model risks, and create accurate reports. Using GIS, you generate the intelligence necessary to complete your DIMP plan.



Workforce Automation

With GIS, you can more efficiently schedule, dispatch, and manage utility service staff. Using GIS, you will be able to quickly identify the location and status of your crews. Street-level routing with GIS reduces fleet costs and saves time, giving you the ability to handle more service calls.

Situational Awareness

Meeting compliance requirements and keeping the public informed become less time consuming and easier to accomplish when you use GIS to communicate with regulators and the public. GIS-based outputs and Web-based reporting quickly demonstrate how efficiently your organization is operating, managing risk, and responding to leaks and outages.



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.

Contact ESRI

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