

Geographic DIMP Solution

CONFIDENTLY DETERMINE DATA GAPS, BUILD A SUCCESSFUL PLAN, REPORT COMPREHENSIVE RESULTS AND DECREASE OVERALL RISK

← INCREASE PROCESS EFFICIENCY

← PROMOTE DATA RELIABILITY

← EXCEED REGULATORS EXPECTATIONS

Make safety your first priority by implementing a geographic approach to your overall DIMP model.

Novara GeoSolutions (Novara) can help natural gas distribution Utilities, small or large, effectively develop, write and implement a distribution integrity management program (DIMP) that can meet and exceed federal regulations. By integrating Esri's geoprocessing model within the GIS, clients will develop knowledge about their assets, proactively identify threats, and easily determine how to manage the system risks. Novara's DIMP solution is data driven, scalable and comprehensive which allows users to monitor how effective their program is year to year. It uncovers what data is missing and then Novara partners with each client to come up with a strategy and plan on how to get this missing information.

Novara's DIMP solution extends beyond generating a risk score. For example, users have found this solution vital to quantifying 3rd party damage through capital planning and construction projects and to build a mitigation plan to lower the risk score. With the use of this solution, users can easily identify the conditions that can potentially cause leaks and quickly address them before the failures occur or come up with measures to manage leaks effectively when and if they do occur. This DIMP solution provides a flexible foundation so users can measure performance and determine what improvements are needed to address risk. Users can report the list of risks in a prioritized ranking system and each rank can be used to identify actions to be taken to reduce the risk. Plus, users can attach performance measures to demonstrate the effectiveness of such actions in the report.

Geographic DIMP Solution

Understand your system

It is critical to know your assets and the environment in which they operate. With the use of this robust solution, users will be able to spatially view and analyze their data to determine if there are any gaps and determine if improvements are needed. Novara will start by either evaluating your existing GIS or if there is no GIS, help gather the data you do have and migrate it into a GIS. Users can produce map-based views of their risk (map books and series of individual maps) or tabular reports to illustrate each pipe section and the risk associated with the segment.

Identify threats and rank risks

Generate the risk score and identify areas of high risk with this powerful model which doesn't need specialized software; it runs within the GIS. Each operator will have a plan to immediately take to the government. This solution also ensures the content is in one place which helps keep track of the data. Plus, users can easily run QA/QC checks to ensure the incoming data is accurate (e.g., categorizing leaks, determination of probable cause, accurate pipe type and facility information).

Evaluate performance and report results

Evaluate performance and improve your program as needed. This solution allows utilities to compare results from year to year to ensure improvement. Users can confidently report the findings and are able to defend the data and illustrate what the primary factors were leading to certain risk scores. Users can also export a version of the model to defend how the risk scores were calculated and the solution uses metrics to justify risk rankings.

Meet PHMSA's challenge head-on

Novara's DIMP solution helps you to tackle PHMSA's industry challenge to incorporate Safety Culture. With Novara's DIMP solution operators will employ rigorous quantitative risk analyses, including uncertainties and gaps in data. The solution takes an analytical approach to risk analysis and includes robust approaches for risk reduction. This powerful solution does not require programming skills to implement and is easy for staff to learn. The generated results are map based, easy to understand and can be easily communicated to the rest of the organization.

Key regulatory support services

In addition to our DIMP solution, Novara is an experienced support resource for small and large gas distribution companies and can provide a variety of key regulatory support services. Included in these offerings are the review and update of operations & maintenance (O&M) plan documents, public awareness program support, and one call support services. Novara also specializes in technologies and tools that enhance the following critical operational activities: One Call reporting and ticket management; construction route selection and planning; damage prevention; visualization of data via web and mobile devices; automated forms that can be pushed to mobile devices for streamlined inspections and field data collection; and map/map book creation.

ADVANTAGES

- > Easily modify the model as new data sources become available
- > Lower the incident risk and make 'zero incidents part of the job'
- > Encourage data transparency across the company
- > Embrace the PHMSA safety culture philosophy
- > Create maintenance plans that reduce risk
- > Streamline the flow of new information
- > DIMP tables are linked to existing geospatial data tables
- > Connects the field to the office

CONTACT US TODAY TO MEET ABOUT THIS POWERFUL DIMP SOLUTION.