

PIPELINE INTEGRITY DATA VISUALIZATION

Turning Data into Information and Insight



Pipeline safety and reliability is at the forefront of every midstream, transmission and distribution company's corporate strategy, including risk mitigation to ensure the safety of employees and the public. To effectively support pipeline integrity and risk management, stakeholders require an accurate and detailed view into each system to confirm the asset's operational health and reliability.

Dynamic Risk's **IRAS DataView** translates complex information into user friendly dashboards and reports that allow users to quickly analyze and decipher from a broad, high-level approach down to technical detail.

Reports are completely customizable and user defined in a clean and simple format, each designed for the intended audience which eliminates communication barriers when working cross-functionally between technical and non-technical departments.

VISUALIZATION

Users can access comprehensive, interactive reports to view and analyze pipeline risk and integrity data.

IRAS DataView is the single source of truth in providing the required clarity to easily see all data insights and make the most effective decisions concerning the pipeline's integrity.

CUSTOMIZABLE VIEW

Visualize, align and interact with the data that is most important. Select from pipe properties, operating parameters, inspection results, risk profiles, GIS data, environmental conditions and much more. Users can filter, sort and create the custom view that meets their specific needs.

DATA ANALYSIS

IRAS DataView provides operators confidence in pipeline integrity. Users can investigate and analyze an entire pipeline length, a select number of joints, or drill down to a specific anomaly location or survey reading.

The ability to know where these dynamic segments are along the system is important for users to apply the appropriate preventative measures to ensure system integrity. Each data band can be linked together, providing users the ability to assess the system and view important correlations, drivers and conditions at the level of granularity they choose.

**VISUALIZE
DATA AND
UNCOVER
IMPORTANT
TRENDS AND
CORRELATIONS**

IRAS DataView delivers insights fast and in an easy to use, customizable format. The application allows users to organize and align all data to a common referencing system to view trends and identify any outliers through its dynamic alignment of datasets and mapping functionality.

KEY FEATURES

- Easy to use, GIS enabled, data visualization tool.
- Dynamic digital alignment sheet.
- Synchronized interaction between map (spatial) view, charts (data bands) and reports.
- Filter using spatial items, ILLI data and risk assessment results.
- Create templates for common reporting needs.
- Save and share results using pdf for use in any desktop application.

ABOUT US

Dynamic Risk's technology and consulting services optimize risk-informed decision making to manage risk through an asset's entire life cycle. Our IRAS platform models pipeline systems to proactively determine where they are most likely to fail and the corresponding consequences of unintended releases. From gathering systems, midstream pipelines, transmission pipelines, and distribution networks, we have software applications and in-house engineering expertise to provide complete pipeline risk assessment, data management and compliance reporting.

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THE PLANET'S ENERGY DELIVERED SAFELY