

ADVANCED ASSESSMENTS OF INLINE INSPECTION DATA

Make Informed, Trusted, Data-Driven Decisions.



Dynamic Risk's **IRAS ILIAnalyst** advances analysis beyond spreadsheets with compiling and configuring current and accurate inline inspection data. Users can rapidly evaluate critical information and key data sets to prioritize risk severity for pipeline integrity assessments and maintenance.

ILI ANALYSIS

IRAS ILIAnalyst helps users effectively manage and analyze critical inline inspection data. Users can complete programmatic analysis of key data sets to help make informed decisions across an assets' entire life cycle, ensuring system safety and reliability.

Through leveraging IRAS ILIAnalyst, users can perform advanced analytics on their existing internal inline inspection (ILI) data. This allows you to take advantage of your current investment, while providing an advanced application to improve the overall performance of your full integrity management program.

ILIAnalyst users can quickly: review ILI data, apply acceptance criteria, select anomalies for investigation, create dig location documentation and input field findings for future planning and detailed analytics.

KEY FEATURES

- Highly efficient quality control, loading, alignment and characterization of ILI data files for data integration and detailed analysis from any ILI vendor and any tool type.
- Accurate weld to weld alignment for detailed run comparisons.
- Editing capability to adjust or create anomaly response criteria.
- Configurable growth rate models and time to failure algorithms.
- User defined excavation lengths to optimize spend and resource allocation.
- Advanced analytics that integrates with and compliments an existing internal integrity management system.
- Anomaly growth, fitness for service and remaining life calculations.
- Automated Probability of Exceedance (POE) calculations.
- Analyze ILI data in charts, graphs and dashboards to reveal patterns and insights.
- Users can import a pipe tally file directly into ILI Analyst, without creation of an intermediate text file.
- Users can perform additional data validation during the ILI loading process, using an Authored algorithm to check for data gaps or logical inconsistencies while loading the import file.



AUTHOR

Our add-on tool, Author, provides users additional functionality which enables self-serve capabilities to edit, test, and build other algorithms and logic using natural language.

**CONFIDENT
RISK
ASSESSMENT
AND
MITIGATION**

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.

We know that's what you strive for every day