

EFFECTIVE ASSET INTEGRITY MANAGEMENT STARTS WITH DATA

Trusted, Proven, Repeatable Workflow Process



1. MANAGE

Explorer makes it easy to consolidate and manage pipeline integrity data from any source. Every team member has direct access to that data, with unique access attributes set up as may be required.

2. VISUALIZE

A picture paints a thousand words. With Explorer, data can be displayed in a variety of formats including charts, tabs, and map symbologies.

3. ANALYZE

Once users have validated and integrated data sets, they can mine that data and make fact based recommendations. Upstream integrity teams can identify high risk segments, track action items, plan integrity management activities, and more.

4. PLAN

Explorer documentation can easily be accessed and utilized for regulatory audits. It enables users to take corrective actions and use those learnings to continually improve their integrity management processes.

5. EXECUTE

Explorer is delivered on desk top, web platform and mobile tablets.

6. REPORT

Quickly compile and share critical information to provide data driven decision making capabilities across the organization. Explorer's advanced reporting makes it easy for decision makers to understand and act on the best course of action to maintain their assets' integrity.

EXPLORER KEY FEATURES

Risk Management Analytics

- Customizable risk assessment algorithms.
- Risk assessment of all pipelines.
- Risk reduction activity plans.
- Priority listing for high-risk segments.

Integrity Management

- Planning, execution and tracking of all integrity management activities.
- In-line inspection data visualization, analytics, and trending
- Optimization of internal corrosion inhibition programs (pigging, chemical usage, etc.) with potential for reduced operating costs.
- Right-of-Way inspection reporting and tracking.
- Leak detection management and tracking.
- Annual cathodic protection survey management and tracking.

Data Management

- Accurate system connectivity.
- Monitor current operating conditions (pressure, temperature, etc.).
- Asset integrity inspection tracking.
- Tracks elevation profile and depth of cover.
- Pipeline crossings (road, railway, urban, water, etc.).
- Frequent updates from public and licensed data sources.
- Embedding of field photos and drone videos.
- Built-in document control system.
- Customizable dashboards with integration to Power-BI.

Operations Support

- Tracking of new preventative and mitigative measures, and other applicable corrective actions.
- Monitoring pipeline activities to meet regulatory compliance.
- Easy to use interface that allows for quick access to up-to-date pipeline data

REPORTING

Explorer's reporting features are among the strongest in the industry and allow users to analyze data through pivot tables, filtering and scenario analysis. A variety of reports are available under each of the following categories:

- Cathodic protection
- Regulatory compliance
- Internal corrosion mitigation
- Integrity inspections
- Operations
- License amendments
- Risk assessments
- Regulatory Audits

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 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.



**TRUSTED,
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Canadian Headquarters

Suite 1110
333 – 11 Avenue SW
Calgary, Alberta, T2R 1L9
(403) 547-8638

USA Headquarters

10001 Woodloch Forest Dr
Suite 250
The Woodlands, TX 77380
(832) 482-0606