



RISK MANAGEMENT

Manage Risk Throughout the Full Asset Lifecycle

Dynamic Risk is an industry leader in developing and implementing world-class risk management solutions. Our strategic focus on innovation ensures that our clients continue to benefit from state-of-the-art solutions for threat assessments and consequence modeling, including the development for qualitative, semi-quantitative and quantitative risk solutions.

Our consulting services assist our clients to effectively manage asset risk from construction or acquisition, through to operations and maintenance, and finally to abandonment or divestiture. Our clients receive improved system safety and reliability, higher asset performance and overall lower operational costs.

RISK MODEL DESIGN

Our team provides each of our clients with a risk model solution that best fits their needs whether it's corporate, regulatory, or operational. We achieve this by providing an agile-based risk model development and implementation process. Our approach is flexible and accommodates everything from a full development of a comprehensive model, to the implementation of our industry leading fully functional risk models. This approach ensures we deliver the right risk model for our clients for full confidence in their decision making.

PIPELINE SYSTEM RISK ASSESSMENT

Our pipeline risk assessment expertise and technology includes the following core areas:

- Risk assessment in support of acquisition & divestiture
- Risk assessment in support of conceptual, preliminary and/or final risk based design
- Design phase integrity analysis and planning support
- Operational risk assessment
- Change of service risk assessment
- Investment Planning

IMPROVE
SYSTEM
SAFETY,
RELIABILITY
AND OVERALL
ASSET
PERFORMANCE

ENTERPRISE RISK MANAGEMENT PROGRAM SUPPORT

Our experts leverage in-place risk management studies and models, as well as integrity program datasets in application with appropriate elements of industry standards to develop effective enterprise risk management applications.

By assessing, managing and integrating risks from both operational and business points of view, a pipeline operator can better manage risk and mitigation interdependencies and drive for consistency among all lines of business.

Risk register integration

Corporate risks are aligned with significant asset family operating risks.

Dashboard

Summary of top integrated risks across all lines of business.

Performance measuring

Measuring and quantifying levels of performance gaps.

Continuous improvement

Incorporating "lessons learned".

Auditing

Reporting for purposes of compliance auditing.

Investment planning

Risk-based prioritization across all asset families to support funding allocation.

Emergency work

Conditional changes within asset families may drive immediate mitigation response.

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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