

ASSESSING RISK: INDIVIDUAL AND SOCIETAL CONSEQUENCES IN PIPELINE INCIDENTS

Dynamic Risk offers risk assessment services that help operators prioritize mitigation measures and protect individuals and the community at large. These services systematically evaluate the potential impacts of pipeline incidents, and provide decision-makers with the information required to take meaningful, preemptive action.

SERVICE OFFERINGS

- **Consequence or Risk-Based Design** – Helps operators prioritize operational safety and mitigate risks relating to pipeline incidents. All risk-based design aspects are aligned with industry-best practices and regulatory requirements through rigorous analysis and evaluation.
- **Individual and Societal Consequence Methodologies** – Provides insights into individual and societal consequences arising from pipeline incidents. Comprehensive assessments are used to evaluate potential impacts on various stakeholders, and can inform mitigation strategies and emergency response plans.
- **Risk Management** – Empowers operators to identify, assess, and manage risks associated with pipeline operations. Robust risk management frameworks can enhance operational resilience, minimize disruptions, and bolster stakeholder confidence.
- **Strategic Planning** – Assists operators in developing long-term strategies for pipeline safety and risk mitigation. These actionable plans align business objectives with safety goals, ensuring balance between operational efficiency and risk reduction.
- **Industry Benchmarking** – Gauges an operator's risk management performance against their industry peers. Benchmarking services identify leading industry practices and areas of improvement, elevating risk management strategies and offering a competitive edge in the market.

An operator's success depends on sound decision-making. With decades of experience in delivering industry-leading consulting services, Dynamic Risk is the ideal collaborator for constructing resilient risk mitigation and management systems. Our track record of providing risk assessment services can consistently optimize decisions throughout an asset's entire life cycle.

BENEFITS

- **Risk Management** – Operators gain a full understanding of the potential impacts of pipeline incidents on individuals and communities. This knowledge equips operators to effectively manage and mitigate risks associated with their pipeline systems.
- **Safety Enhancement** – Operators can focus on measures that directly mitigate specific risks. Targeted safety initiatives like enhanced monitoring, maintenance practices, and emergency response plans reduce the likelihood of incidents, protecting personnel, nearby residents, and the general public.

BENEFITS (CONT.)

- **Regulatory Compliance** – Operators can clearly align the individual and societal consequences of their work with regulatory requirements. Conducting thorough risk assessments demonstrates a commitment to established standards and legal obligations, reducing the risk of penalties or non-compliance issues.
- **Stakeholder Engagement** – Operators can share assessment findings with local communities, regulatory agencies, and other relevant parties. This form of transparent communication builds trust, fosters positive relationships, and establishes the operator's commitment to safety. It also allows operators to address concerns and incorporate feedback, providing new opportunities to improve safety and community well-being.
- **Continual Improvement** – Operators receive actionable feedback relating to their risk management practices. Risk assessments identify opportunities for improvement, allowing operators to update their safety measures and incorporate lessons learned from incidents or near-misses. By extension, they can enhance their overall safety performance, adapt to industry standards and best practices, and continually improve their pipeline systems.

ABOUT DYNAMIC RISK

Dynamic Risk is a leading global technology service provider helping ensure the safe and efficient delivery of energy resources. Since 1996, Dynamic Risk has revolutionized pipeline integrity management by combining in-depth engineering expertise and advanced software applications, now leveraging predictive analytics to uncover actionable insights for risk-informed decision-making. Dynamic Risk partners with operators across the Transmission, Midstream, Upstream, and Gas Utility industries to avoid pipeline failures through complete asset lifecycle risk management, and enables clients to achieve optimal business, safety, and environmental performance while meeting compliance objectives in pursuit of the goal of zero incidents.

Dynamic Risk is part of Previa, a fast-growing, innovative, and private industrial technology group focused on advanced diagnostic technologies to monitor the world's infrastructure health. The Group serves asset owners, large engineering firms, and service companies globally in markets such as Aerospace, Civil Infrastructure, Energy, Mining, Power Generation, and Rail. Via sensors, hardware, robotics, and software, Previa makes a safe and sustainable future possible, by pushing the limits of diagnostic technologies that preserve the integrity of our world's critical infrastructure and assets. More information can be found on the company's website: www.previa.com

Canadian Headquarters

Suite 1200
333 – 11 Avenue SW
Calgary, Alberta, T2R 1L9
(403) 547-8638

USA Headquarters

15500 International Plaza
Drive
Houston, TX 77380

