



PIPELINE INTEGRITY SOFTWARE SOLUTIONS

# QUANTITATIVE RISK MANAGEMENT TOOL

## Intuitive, objective risk analysis to ensure compliance and maximize productivity

Audubon Companies' Quantitative Risk Management Tool enables meeting regulatory requirements for risk management on your pipeline and facility asset and making better-informed decisions for resource allocation—all at a lower overall cost. This comprehensive, flexible, and highly intuitive tool enhances the ability to plan for, prevent, and mitigate risks before they evolve into pipeline integrity threats.

## Engineered for excellence

As part of our proprietary pipeline integrity management software suite, Quantitative Risk Management Tool leverages Audubon Companies' engineering expertise, technical capabilities, commitment to safety and quality, and unmatched customer support.

## Key benefits

- **Operational Flexibility:** Accuracy improves with data detail and granularity. Risk analysis can help identify the most effective areas for data cleanup and gathering.
- **Exceeds Auditor Requirements:** The tool exceeds federal and state auditors' current regulations and meets industry trends for increasingly stringent parameters.
- **Full Customizability:** The tool adapts to utilize new datasets and account for new pipeline risk exposure mechanisms.
- **Ease of Implementation:** Choose from varying levels of support—from self-service to complete turnkey execution.
- **Integration:** The tool is readily compatible with other business intelligence tools.
- **Cost Effectiveness:** The tool runs on most Windows-based PC systems—no propriety software required.
- **No Black Boxes:** All formulas and query language are completely transparent.
- **Quantitative Analysis:** Risk assessment values are quantified in real-world units, delivering highly actionable and defensible insights.
- **Ease of Reporting:** Interpret and report on results using custom database queries, business intelligence platforms, and comparison against industry benchmarks.

## Advanced features & functions

- Scope definition
- Threat identification
- Risk management & assessment
- Program performance metrics
- Integrity work optimization
- Support of all ESRI data formats
- Ability to consume & supply cloud-based data

## Technical specifications

- ESRI ArcGIS—ArcMap, ArcGIS Pro, or ArcGIS online
- Compatible with other business intelligence tools, such as Microsoft power BI & R statistical computing software

