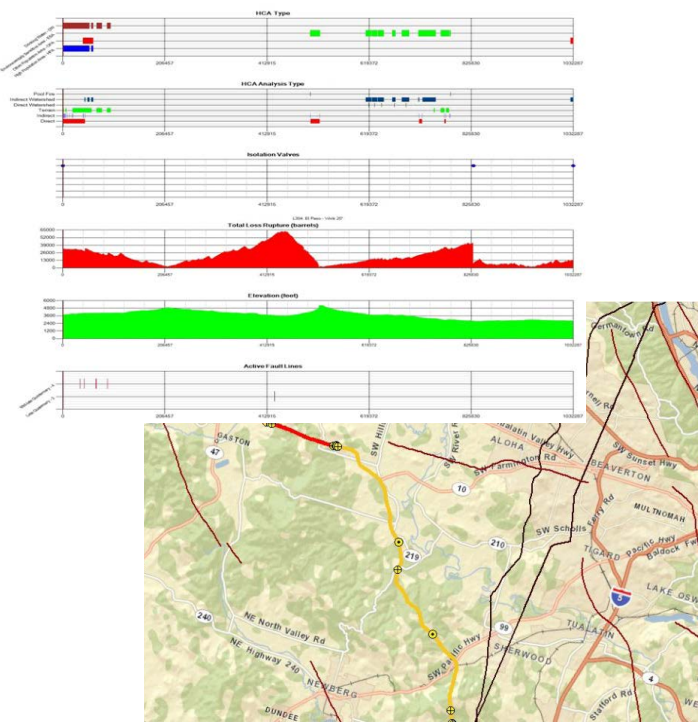


HCA & Risk Analysis Services

For more than twenty years, American Innovations has provided data integration, integrity management, and regulatory compliance services. Our customers include some of the largest pipeline companies in the world. Our knowledge of pipeline and facilities integrity management is reflected in our people, our software and our services.



HCA Analysis: American Innovations team of GIS analysts and pipeline integrity engineers have conducted HCA analysis for over 60,000 miles of liquid transmission pipelines – the equivalent of traversing the United States more than 20 times. We have also conducted HCA analysis for over 22,000 miles of gas transmission pipelines and done spill modeling for hundreds of above ground storage tanks.

Risk Analysis: Our team will support your integrity management program with a combination of expertise and proprietary software tools. These bring the appropriate risk assessment approach that meets your business needs, compliance requirements and budget.

HCA & Risk Analysis Services

Key Benefits

Compliance Solution

Supports compliance requirements and active risk management.

Expert HCA Analysis

Our GIS analysts use a verifiable, proven and repeatable methodology for HCA studies for both hazardous liquid and natural gas pipelines.

Risk Assessment & Analysis

Threat-screening analysis and quantitative/qualitative risk rankings for prioritization & monitoring of inspection activities.

Powerful Tools

By using the customizable Risk Intelligence Platform™, our engineers use multiple visual & graphing applications to determine risk rank.

Relentless Support, Training & Implementation

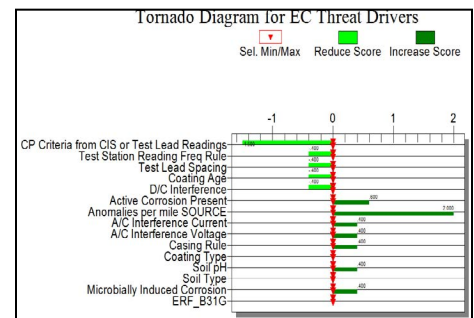
We provide you with the information you need to comply with regulations, understand your risk and plan your mitigation activities.

HCA Services: Identifying High Consequence Areas is a critical component of an operator's Integrity Management program. We offer HCA studies to complement operators with limited integrity management resources. We have conducted HCA analysis for over 60,000 miles of pipeline. Our GIS analysts use a verifiable, proven and repeatable methodology for HCA studies for both hazardous liquid and natural gas pipelines, as required by 49 CFR 192 and 195:

- **Hazardous Liquid:** Direct, Indirect, Overland spread, Direct watershed, Indirect watershed, HVL dispersion, Pool fire
- **Natural Gas:** Method 1B - Class location, Method 2B - Building density, Identified sites, TRRC school zone

With access to comprehensive, accurate data and expert analysis, pipeline operators can not only meet regulations and reduce risk, but proactively manage the process of asset protection.

Risk Analysis Services: Our Risk Analysis Services assist operators in understanding their risk exposure by ranking assets through risk scores computed from a pipeline's performance and design data. By converting data into information, operators can quickly determine risk factors and develop P&MM accordingly.



By using the customizable Risk Intelligence Platform™, our engineers use multiple visual & graphing applications to determine risk rank, including:

- Linear graphs
- Risk Matrix
- Tornado Diagrams
- Histograms
- Bar Charts

Risk Analysis results are easily integrated into compliance reports tailored to regulators at Federal, State, Local and Corporate level.

Our integrity engineering staff can provide customized risk analysis consulting & training to support RIPL™, including system implementation, configuration and data analysis. RIPL facilitates regulatory compliance and enables active pipeline risk management by providing in-depth risk analysis.

For More Information

Services

Expect Relentless Service from our RIPL Technical Services team.

- Technical support via phone (800-229-3404) and email (ripltechservices@aiworldwide.com)
- Application services: implementation, data collection and loading, system integration and administration services

Contact

For more information, email us at im.sales@aiworldwide.com, call us at 303-948-0119, or visit us online at aiworldwide.com.

Visit aiworldwide.com for these resources

[RIPL Technical Support](#)

[Integrity Management Services](#)

[PCS & RIPL Admin Services](#)

[PCS & RIPL Implementation Services](#)

About American Innovations

American Innovations (AI) protects people and the environment by helping our customers safely and efficiently manage the world's energy infrastructure. We deliver proven compliance solutions to virtually every oil and gas transmission pipeline company in North America – from the field to the office. We provide an integrated family of hardware, software and professional services backed by relentless customer service. Our products include: Bullhorn® Remote Monitoring, MicroMax® Current Interrupters, Allegro Field Data PC™, PCS™ compliance software, and Risk Intelligence Platform (RIPL™) software. AI also provides a wealth of professional services including data migration, risk analysis, high consequence area (HCA) analysis, and regulatory compliance consulting.



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