INTEGRITY®
SOLUTIONS

TURNING KNOWLEDGE INTO INTEGRITY®

Consulting services for the oil and gas pipeline industry and related facilities



OVERVIEW

INTEGRITY GOES A LONG WAY

Pipeline operators trust the experts at Integrity Solutions to help them make critical integrity management decisions regarding their oil and gas pipeline assets.



The original Integrity Solutions, Est. 2006.

OUR SERVICES

WHAT WE DO



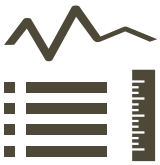
Pipeline Regulatory Compliance

Integrity Solutions' team of regulatory experts provide the support needed to have total confidence when facing an audit or when making strategic operational or expansion decisions regarding your pipeline facilities.



Pipeline Risk Management

Experts in risk management, Integrity Solutions' enables operators to mitigate or prevent threats to their assets based on proven analysis methodologies, with one goal in mind - providing confidence to make critical resource allocation decisions.



Pipeline Integrity Analysis

Integrity assessment results analysis, data management and integration are at the core of Integrity Solutions' pragmatic services and software tools that turn data into valuable information.

SERVICES



PIPELINE REGULATORY COMPLIANCE

Pipeline integrity management plans start with a comprehensive and rigorous code compliance program. The end result, confidence that you are up to date and meeting pipeline safety code requirements - including industry standard practices.

Jurisdictional Analysis

When U.S. oil and gas pipeline operators need to classify their complex asset's 49CFR Part 192 or 195 jurisdiction applicability limits they turn to Integrity Solutions' experts who have been analyzing jurisdictional limits for decades.

Program Audits

U.S. oil and gas pipeline operators rely on Integrity Solutions' code experts to ensure compliance with 49CFR Part 190 through 199 pipeline safety requirements through our rigorous internal audits and analysis recommendations.

Program Procedures

Integrity Solutions' code specialists have developed effective oil and gas activity procedures within 49CFR Part 190 through 199 code compliant programs for many U.S. pipeline operators, including:

- Operations & Maintenance
- Integrity Management
- Control Room Management

We Offer Services Tailored To Your Needs

Integrity Solutions' team of subject matter experts will provide the level of Regulatory Compliance support needed to provide you with confidence before, during and after a PHMSA or State pipeline safety inspection.

SERVICES



PIPELINE RISK MANAGEMENT

Integrity Solutions offers risk management services that enable pipeline operators to prevent or mitigate threats to their assets based on proven analysis methodologies.

Risk Analysis

Integrity Solutions is an industry leader in the development of pipeline risk management solutions having formulated groundbreaking risk analysis methodologies, including semi-quantitative and probabilistic algorithms for:

- Pipelines
- Transmission
- Gathering
- Production
- Offshore
- Distribution
- Facilities
- Station Area
- Piping Systems
- Underground Gas Storage
- Liquid Storage Tanks
- Liquid Rotating Equipment

Release Consequence Analysis

Our oil and gas pipeline release consequence modeling and rigorous analyses have withstood many PHMSA and State integrity management program inspections, including:

- Gas Pop Class Analyses

- Hazardous Liquids Unusually Sensitive Area (USA) Analyses

- Hazardous Liquids High Consequence Area (HCA) Analyses
- Immediate
- Potential Migration
- Watershed Migration
- Air Dispersion

- Gas High Consequence Area (HCA) Analyses
- Method 1
- Method 2
- Air Dispersion

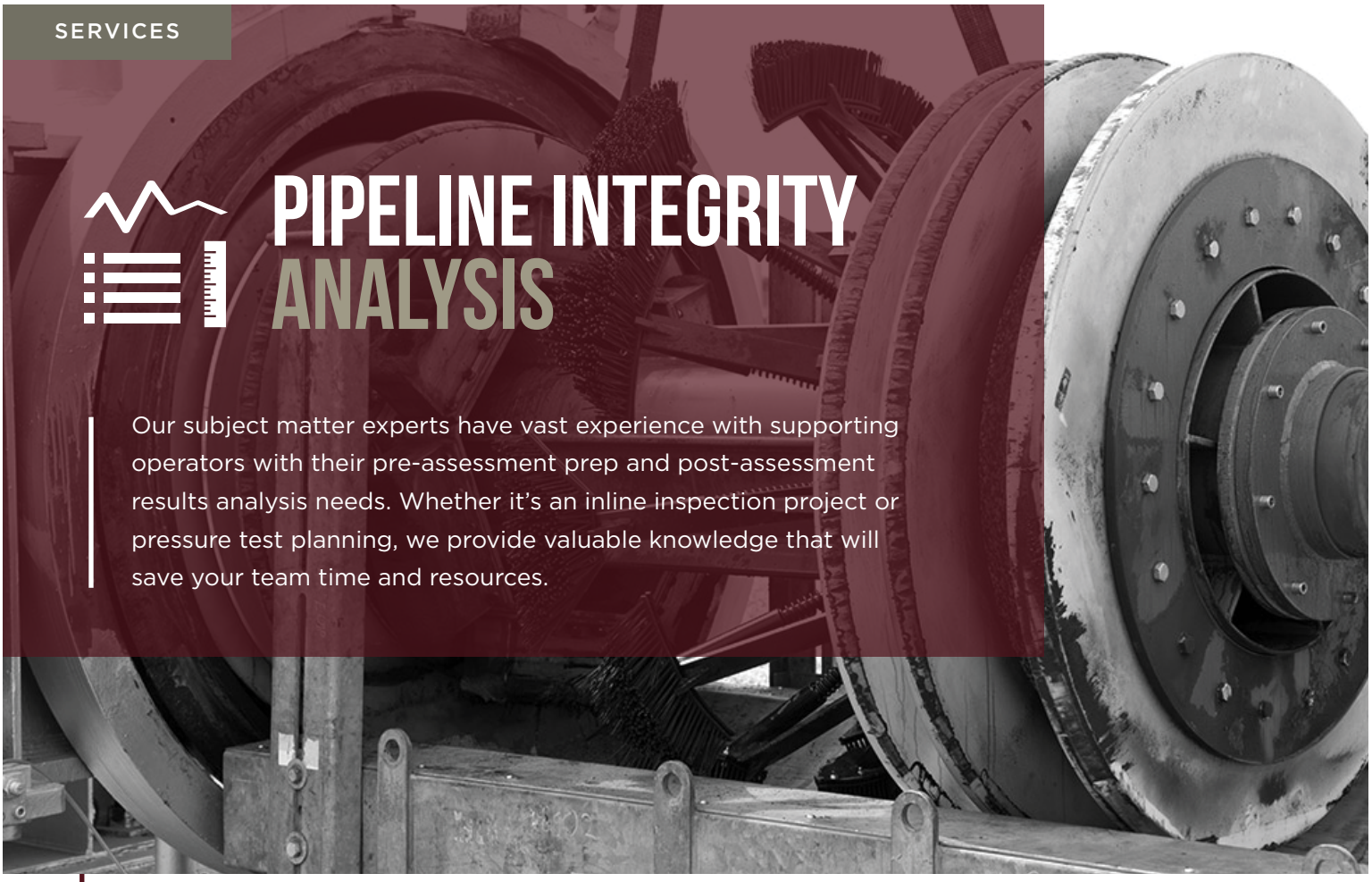
P&M Measures Analysis

Integrity Solutions' specialists have completed risk based P&M Measure analysis and resource allocation plans on over 100,000 pipeline miles for U.S. oil and gas operators that have endured numerous PHMSA and State IMP inspections.

Our Risk Modeling Software Is Widely Used

- Release consequence analysis
- Relative and probabilistic risk analysis
- Interactive threat analysis
- Performance data management
- Risk-based assessment and inspection plans

SERVICES



PIPELINE INTEGRITY ANALYSIS

Our subject matter experts have vast experience with supporting operators with their pre-assessment prep and post-assessment results analysis needs. Whether it's an inline inspection project or pressure test planning, we provide valuable knowledge that will save your team time and resources.

Inline inspection integrity assessment

Our integrity analysis consultants have extensive experience providing operators with assistance in every aspect of an effective inline inspection assessment of their gas or hazardous liquid pipelines.

- Pre-inline Inspection Support
- Inline Inspection Tool Run Support
- Post-inline Inspection Support
- Condition Remediation Support

Pressure test integrity assessment

Direct assessment integrity assessment

Pressure cycle fatigue analysis

Surge and overpressure protection analysis

Maximum [allowable] operating pressure verification

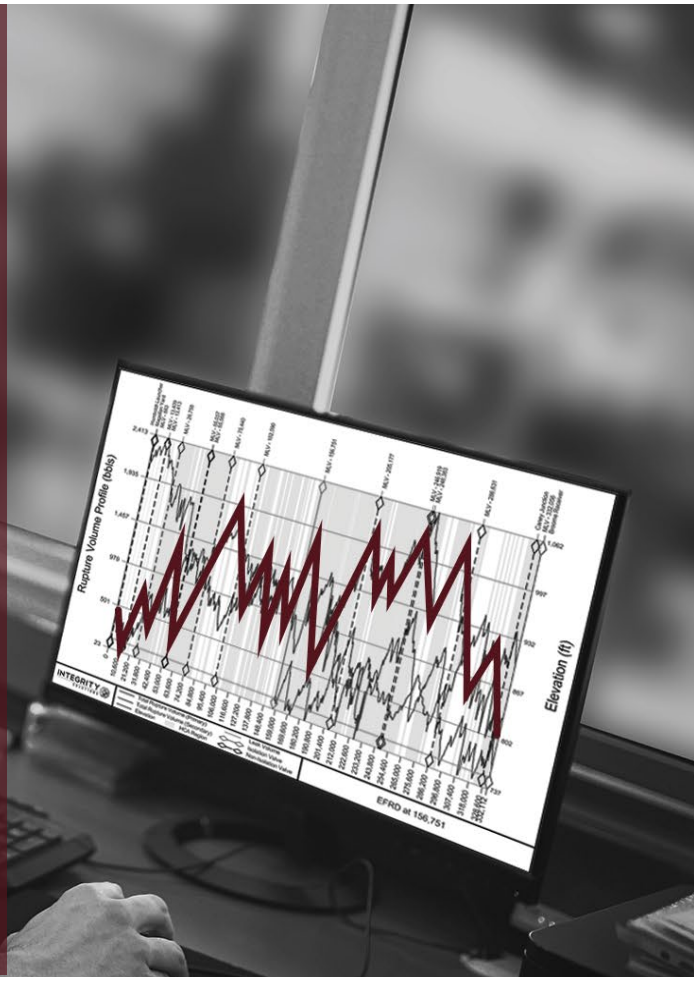
Spatial mapping and information management

At the core of Integrity Solutions' pipeline integrity analysis services are our industry experts – with decades of operator experience.

SOFTWARE

PIPELINE INTEGRITY SOFTWARE

The team of industry experts at Integrity Solutions helped develop some of the industry's first pipeline facility risk models and integrity analysis software tools. Your company can benefit from our decades of our software development experience.



With a full spectrum of knowledge behind them, the software development team at Integrity Solutions provides operators with pragmatic tools for assessing and managing pipeline system integrity.

Pipeline & Facility Integrity Manager™

Integrity Solutions' Pipeline & Facility Integrity Manager (PFIM) risk analysis model incorporates the simplicity of an index risk algorithm with improved performance data-driven risk variable computations.

Anomaly Data Manager™

Integrity Solutions' Anomaly Data Manager (ADM) tool allows operators to integrate and analyze multiple integrity assessments conducted on pipelines, including inline inspection, pressure test or direct assessment.

SafeSeam™

Integrity Solutions' Safe Seam analysis tool allows operators to evaluate remaining life and reassessment intervals for pipe that is susceptible to long seam cracking threats.

INTEGRITY®
SOLUTIONS



LOCATIONS

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