Integrity Management Services

We provide the experts. You gain peace of mind.

Today's pipeline operators are faced with strict regulations regarding their pipeline integrity management programs. These regulations, coupled with increased public scrutiny, put significant pressure on operators to make the right decisions to ensure safety and reliability.

At New Century Software, we provide access to the top technical experts in pipeline integrity management who deliver a proven framework for making those important decisions. Unmatched in our commitment to customer success and applied experience, we transform integrity data and asset management into sustainable pipeline integrity programs.

Our team of experts provides a comprehensive approach to developing, implementing, and documenting pipeline integrity management programs that contribute to safety and reliability for pipeline operators:

- **Distribution Integrity Management**
  Our services team will help you meet the seven key elements of pipeline integrity management planning enforced by DIMP regulations and protocols.

- **Gathering Line Integrity Management**
  Our compliance experts understand the current and proposed PHMSA and state pipeline regulations and can help you adopt the right processes and procedures to meet existing and upcoming requirements.

- **Transmission Line Integrity Management**
  Our subject matter experts have supported operator integrity management programs since their inception. Our risk assessment services and HCA analyses for gas and liquid transmission pipelines provide the supporting elements necessary to meet integrity management regulations.

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Offices in Fort Collins • Houston • Calgary

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Risk Analysis Services

Our risk management experts apply objective pipeline data to evaluate the risk posed to pipeline segments.

▪ **Pipeline risk assessment**
Our experienced team of professionals analyzes pipeline data through a relative or probabilistic risk model to quantify threats and consequences along the pipeline. Additionally, we assist with results review, risk driver drill down, and visual risk presentation.

▪ **Risk algorithm consulting**
Developing a risk algorithm unique to an operator's pipeline infrastructure is a challenging process. Our risk experts identify the threats and consequences associated with the system and categorize them in a way that produces a meaningful risk score for given locations along the pipeline.

▪ **Facility risk assessment**
Our experienced team of professionals can help you perform facility risk assessments to meet the requirements in 49 CFR 195.452.

▪ **Cased pipe risk modeling**
New Century Software is the exclusive distributor of the NYSEARCH Cased Pipe Integrity Assurance Model which helps operators to minimize costly internal inspections, pressure testing, and direct assessment on cased pipe segments by applying a risk-based GIS methodology.

HCA & Class Location Services

To identify sensitive population, environmental, or infrastructure receptors that may be impacted by a pipeline release, we offer a full suite of modeling and analysis platforms, facilitating risk-based asset management.

▪ **HCA Analysis**
Our team of experienced GIS professionals applies New Century Software tools to accurately determine the segments along a hazardous liquid or natural gas transmission pipeline that could affect a High Consequence Area.

▪ **Class Location Analysis**
Our experts accurately calculate class locations along natural gas transmission pipelines using a sliding mile algorithm. Results can be provided by our experienced analysts in GIS, tabular, or alignment sheet formats.

▪ **Mapping Services**
Our GIS professionals provide mapping services to fully leverage your pipeline data, including centerline routing and adjustment, DEM overlays, house count determinations, and related projects.

▪ **Facility Spill Analysis**
Our experience and resources can help your organization model complex releases and utilize the results to assess response measures, mitigation strategies, and regulatory reporting requirements.

About New Century Software

Since 1994, New Century Software has delivered pipeline integrity management software and services to energy transportation companies. With an ideal blend of innovative software solutions and extensive pipeline expertise, New Century Software is uniquely qualified to serve the oil and gas industry. Our flexible solutions empower your organization to manage pipeline integrity data and navigate regulatory compliance ensuring safety and reliability.

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