GEOCURRENT

the technology division of Magnolia River

Gas Pipeline Maintenance & Compliance

GeoCurrent's software tools are specifically designed to meet the unique compliance needs of gas pipeline operators, enabling enhanced efficiency with respect to field work while monitoring regulatory compliance.

Natural gas utilities' priority is serving customers with uninterrupted and safe service. However, pipeline operators must also comply with ever-changing federal and state rules and regulations for gas pipeline uptime and maintenance. Compliance with these mandates and mitigating risk often adds complexity to the utility's normal operations, creating costly inefficiencies and manpower issues for pipeline operators.

Request a demo of GeoCurrent's suite of software tools, which are designed to modernize the maintenance and compliance of natural gas pipelines.

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Challenges

- Need for accurate and risk-weighted data with respect to pipeline risk and the prioritization of maintenance activities on an aging infrastructure
- Inefficient, redundant and inaccurate records from patrolling activity due in part to the inability to update from the field
- Lack of visibility into field operations, maintenance task status and real-time data collection
- Lack of a GIS component in the record production process and patrolling activity tracking in a real-time environment
- Need to manage compliance activities and records in respect to DOT Parts 191 regulations

GeoCurrent's Intelligent Solutions

FLOWGIS
GIS-centric software solution designed to expedite assigning, dispatching and tracking job locations as well as mobile workforce enablement and performance.

FIELDLOGIQ
Enterprise software solution providing gas line inspectors the ability to enter project updates in real-time, provide customers access to project monitoring and grant all interested parties access to reports and project documentation.

atRISK
A risk analyzer tool that proactively identifies at-risk pipelines based on relevant criteria, and predicts the likelihood of structural failures before such an event occurs, providing unprecedented visibility and the establishment of maintenance priorities.

GASSCAN
A free barcode scanning mobile application that can be used in the field to produce F287 standard barcodes for component maintenance and failure tracking. GPS data can be exported and emailed or directly uploaded into ArcGIS Online to produce barcodes in a GIS format.