

# UtiliSphere Integrity Solutions

*Integrity Management Solutions for Pipeline Operators*



## Protecting the Integrity of Pipelines

Government regulations demand that operators keep track of pipeline assets, characteristics and anomalies as well as ever-changing “offline” variables like site and structure information surrounding those assets. The integrity of your pipeline depends on it.

Both Transmission and Distribution pipeline operators can leverage UtiliSphere Integrity Solutions to assess pipeline risk and comply with industry regulations. UtiliSphere Integrity Solutions collects, analyzes and delivers the most accurate, comprehensive and up-to-date data available.



## Better Protect Pipelines

UtiliSphere Integrity Solutions helps pipeline operators better understand and manage pipeline risk, minimizing disruption and enabling operation at, or near, Maximum Allowable Operating Pressure (MAOP). With UtiliSphere to help, oil & gas companies run more efficient and streamlined integrity management programs.

## Achieve Compliance

Pipeline operators can feel confident in their ability to more easily pass audits with UtiliSphere Integrity Solutions and a core component of their integrity management program. Our experts follow a repeatable and verifiable methodology that falls within PHMSA’s Integrity Management guidelines – for both Transmission (TIMP) and Distribution (DIMP) – to collect, verify and analyze comprehensive data.

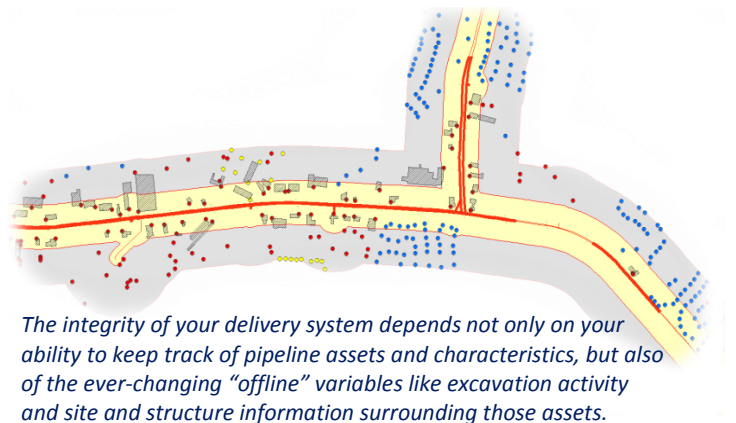
## Enhance Safety

UtiliSphere Integrity Solutions delivers comprehensive, up-to-date and accurate integrity management data that helps pipeline operators properly prioritize maintenance activities to help ensure safety.

## Partner With An Industry Leader

By choosing UtiliSphere Integrity Solutions, you’re choosing to work with a company that exclusively serves the needs of the energy and utility industry.

With more than 15-years of experience protecting the integrity of pipeline from excavation damage, the primary cause of pipeline failure, you can feel confident that the **irth** Solutions team understands your unique needs.



*The integrity of your delivery system depends not only on your ability to keep track of pipeline assets and characteristics, but also of the ever-changing “offline” variables like excavation activity and site and structure information surrounding those assets.*

## Offerings For Both Transmission and Distribution

### HCA Analysis

Transmission Operators must identify all high-consequence areas (HCAs) that fall within the pipeline impact radius. UtiliSphere HCA Analysis identifies and maps HCAs along the pipeline corridor, leveraging the most accurate, comprehensive and up-to-date data. This provides peace of mind that you're meeting PHMSA requirements!

### Class Location Analysis

UtiliSphere Class Location Analysis identifies and maps Class Locations along any pipeline corridor, leveraging the most accurate, comprehensive and up-to-date data related to Class Locations. This means safer operations and easier PHMSA audits!

### ILI Anomaly Mapping

By methodically extracting In-Line Inspection (ILI) information, UtiliSphere ILI Anomaly Mapping migrates the operator's ILI anomaly data to a GIS format that can be overlaid with the operator's GIS pipeline network. The integration of ILI data with GIS accurately depicts the spatial alignment in relation to the pipeline centerline and related pipeline data segments. UtiliSphere visually represents pipeline facility data in a three-dimensional GIS format for improved accuracy of a buried pipeline's physical location and safer operations!

### ILI Facility Mapping

UtiliSphere ILI Facility Mapping identifies areas that require realignment, enabling operators to accurately re-align the pipeline centerline and related facility assets, such as valves, joints and flanges. This means all facility characteristics are up-to-date, improved accuracy of a buried pipeline's physical location, and safer operations!

### Damage Risk Analysis

UtiliSphere Damage Risk Analysis identifies pipeline risk associated with excavations and incidents. We perform full spatial analysis of 811 ticket volume, pipeline incidents and characteristics surrounding the pipeline for a deeper understanding of the risks associated with excavation, the consequences of a failure and the insight to enable preventative actions to mitigate risk.

### Alignment Sheets

The irth Solutions team also provides comprehensive and dynamic data for increased accuracy of pipeline alignment data, delivered via fully customized and personalized digital alignment sheets (PDF, GIS format, GeoPDF). Paper alignment sheets are also available.

## Not sure where to start? Let us help you.

Even organizations with Integrity Management processes and programs in place may have specific areas where irth Solutions can augment your data to help achieve full PHMSA compliance. Contact us today to discuss a Data Needs Assessment for your organization.