

- Traceable, Verifiable and Complete (TVC) Records and Data Management
- MAOP Validation
- Ensures PHMSA Compliance
- Comprehensive Review/Approval Trail
- Easily Identify Data Gaps
- Map-Based Record Stationing
- Automated GIS Updates
- Digitalize and Organize Paper Records While Performing Complete GIS Data Reporting

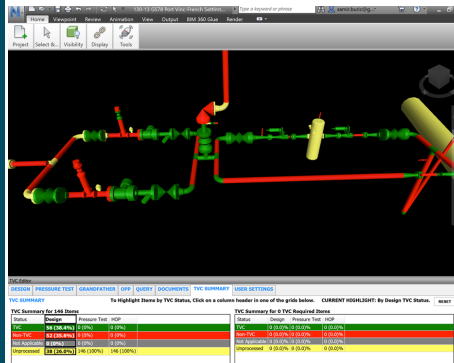
## DATA COLLECTION AND VERIFICATION

*Ensure consistency for long-term records and MAOP validation.*

Global Information Systems has an extensive toolset to comprehensively approach records validation and MAOP verification through GIS data reconciliation. With purpose-built software solutions, and a process that streamlines the work, Global ensures the completeness and accuracy of the data collected.

## PIPELINE TVC

Using Global's tools and staff assistance, clients successfully maintain a well-organized digital document repository. The system allows users to easily visualize document coverage/gaps, analyze pipeline properties and MAOPs, and programmatically update GIS data as needed. The ability to perform rapid gap analysis and generate detailed reports can help prioritize efforts and optimize budgets/resources.



## FABRICATION/FACILITY TVC

Global has performed extensive work in fabrication and facility TVC and MAOP/MOP research and analysis. As experts and pioneers in this area, Global has the unique industry-leading technology and tools to perform fabrication/facility data verification and analysis to streamline workflows, reducing or eliminating the need for rework, and allowing for more intuitive review and verification.

## MEET PHMSA REQUIREMENTS

Mining and verifying records, Global Information Systems uses a systematic method to compile the data necessary to successfully audit all assets to meet reporting requirements according to new PHMSA Mega Rule regulations. Global has experience supporting and navigating client through PHMSA audits utilizing process documentation as well as detailed and visible connections between assets and supporting data.

Clients can be at ease knowing Global has over a decade of experience with pipeline and facility construction documentation interpretation and analysis. Having performed TVC records research and analysis on over 100,000 miles of pipeline and over 500 facilities, Global has the experience to scope, design and perform large and small scale TVC and MAOP projects. Global's tools and process has been reviewed and accepted by PHMSA on multiple occasions for numerous oil and gas asset operators.

