

Internal Corrosion Manager (ICM)



The Internal Corrosion Manager (ICM) is a module within the Pipeline Compliance System (PCS[™]), the industry leader in managing compliance information for natural gas, hazardous liquids, and other pipeline systems, ICM is an important tool that assists operators to:

- Maintain continuous compliance
- Optimize treatment costs
- Accurate stream mapping of the pipeline network

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Key Benefits

Continuous Compliance

- Avoid delinquencies by scheduling measurements
- Create all reports necessary for audit support and filing requirements

Key Performance Indicators

- Streamline operations and minimize costs
- Visualize actual measurements versus targets from relevant sources and tune operations with confidence for treatment injection rates as well as pigging and dewatering frequencies

Stream Mapping:

Accurately map the process streams in the pipeline network

Provide enhanced troubleshooting capability by instantly determining which measurement points are affected by a given input (injection point, tank feed, or pipeline lateral)

Data Integration

- Reliably import data from operations, labs, and chemical vendors
- Supported formats include: Excel, CSV, plain text, XML, and DBF
- Integrate with GIS, risk assessment, work flow management, and other external applications

ICM is an integrated data collection, analysis, and reporting solution based on industry and regulatory expertise. It is suitable for managing internal corrosion programs at the enterprise level. ICM is an important tool for an operators' pipeline management program. The software:



- Captures, manages and analyzes internal corrosion data for pipeline networks
- Supports compliance with audit reporting and operational scheduling to avoid delinquencies
- Provides cost/benefit analysis for chemical treatment and other mitigation strategies
- Correlates historical data for troubleshooting and critical decision support

ICM collects and analyzes data for all components of the internal corrosion program to comply with DOT 49 CFR Parts 192.475-477 and 195.579 including:

- Chemical treatment
- Coupons
- Probes
- Gas/liquid/solids samples
- Pigging
- Dewatering

