

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 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

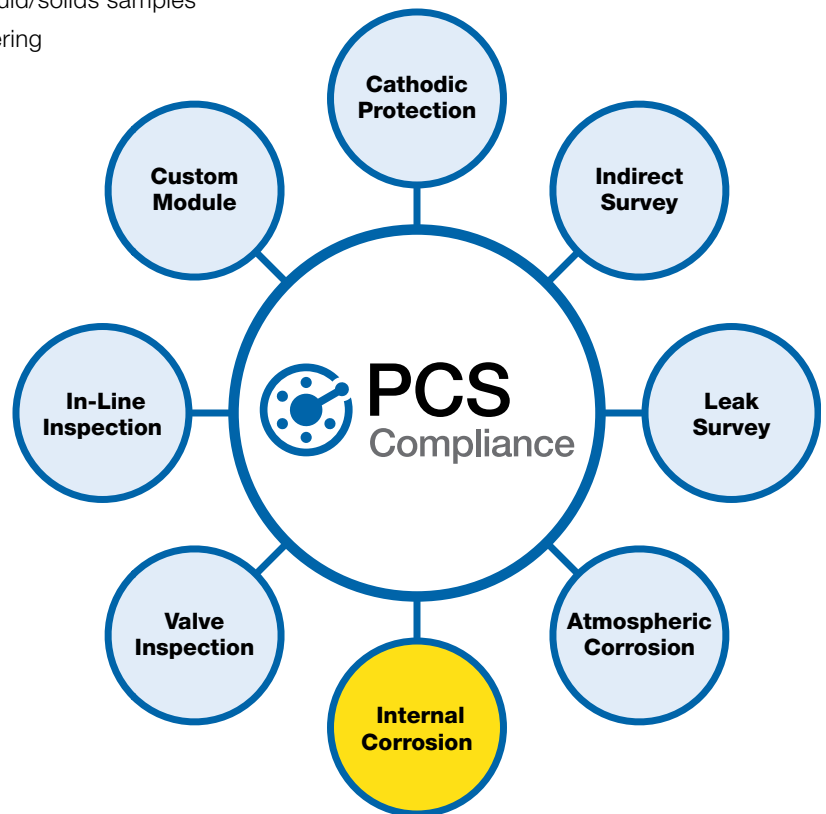
- Reliably import data from operations, labs, and chemical vendors
- Supported formats include: Excel, CSV, plain text, XML, and DBF
- Integrate with GIS, risk assessment, work flow management, and other external applications

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
- Dewatering



Server Computer Requirements

Server Computer Requirements

Properties	Recommended
Processor:	Intel Xeon
Processor Speed:	2 Quad Core CPUs at 2.4GHz or faster
RAM:	32 GB (see note)
Operating System:	Windows Server 2008 R2
Relational Database Software:	SQL Server 2008 R2
Available Disk Space:	100 GB (see note)
Screen Resolution:	1920x1080

Client Computer Requirements

Properties	Recommended
Processor:	Intel Core i7
Processor Speed:	2.3 GHz or faster
RAM:	8 GB
Operating System:	Windows 7 64-bit, Service Pack 1 (SP1)
Available Disk Space:	720 GB (see note)
Screen Resolution:	1920x1080
Microsoft .NET Framework:	Version 4.5 (see note)

Notes:

- Microsoft .NET Framework: If the target computer does not have Microsoft .NET Framework v4.5 installed, the PCS Axis installation automatically installs it for you. This feature requires an active Internet connection to complete the installation of .NET Framework v4.5.
- Microsoft SQL Server Express 2008 R2 SP2, 64-bit: For client systems that wish to use Synchronization, a 64-bit version of Microsoft SQL Server 2008 Express R2 SP2 (or Standard edition for databases exceeding 10 GB) must be installed on the subscriber's computer (the remote client). Once PCS Axis is installed, a subscription database must be created on the subscriber's computer prior to working off-line.
- Disk Space with Synchronization: If using a remote client to subscribe to and synchronize with a central database, sufficient disk space must be reserved for database use (11 GB when using Microsoft SQL Server 2008 Express).

For More Information

Services

Expect Relentless Service from our PCS Technical Services team.

- Technical support via phone and email
- Product training, offered at your place of business or ours
- Application services: implementation, data collection and loading, system integration and administration services

Contact

For more information, email us at pcsa_sales@aiworldwide.com, call us at **800-229-3404**, or visit us online at aiworldwide.com.

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aiworldwide.com

12211 Technology Blvd. • Austin, TX 78727

800-229-3404 • info@aiworldwide.com