Pipeline Integrity Management

Efficiency, integrity and compliance throughout a pipeline's life cycle

The total care package

Pipeline Manager is an innovative, reliable and accessible software suite that incorporates all aspects of operations, integrity and risk management throughout the entire life cycle of a pipeline. Designed and developed by the experts at Intero, Pipeline Manager is the most complete set of software products available to ensure operational efficiency, safety and compliance.
In an increasingly complex and competitive market, pipeline owners need to have access to a wide range of flexible services. This includes operational levels as well as management and strategic levels, to allow them to focus on their core business while ensuring ongoing efficiency, safety and compliance.

In order to guarantee the integrity of their pipeline, operators must be able to accurately evaluate its technical condition to allow for planning and organization of maintenance and repairs. This means having fast and reliable access to information describing the environment and condition of the pipeline and the ability to monitor this information in an easy and efficient way.

Advantages of Pipeline Manager
- Fast and reliable access to data
- Designed for easy use, requiring no specialist computing or GIS knowledge
- Management of a wide range of information
- Factual, technical information about your pipeline’s condition
- Centralized system for high level of availability and accessibility of information
- Options to evaluate and analyze data
- Ability to visualize information in a geographical context
- High level of data quality and usability
- Reliable, supportive tool for decision-making

A new age in pipeline integrity management
With some 25 years' experience in consulting, engineering and system and software development, Intero are the leading software provider for the management of pipeline operations. Using their specialist knowledge and experience in the oil and gas pipeline industry, Intero have created an innovative pipeline management software suite incorporating all aspects of integrity and risk management throughout a pipeline's life cycle. The system is a complete family of fully compatible software products that can be deployed on a single PC, in large scale in-house installations or used as a service via Intero's own fully featured and managed cloud-based solution.

The three key functions – risk management, integrity management and Management of third party activities – support acquisition and analysis of data and information to support the pipeline operator in ensuring the integrity of their pipeline. This allows owners to comply with regulatory requirements, control risks and ensure the environmental and economic sustainability of their pipeline and, most importantly, ensure the safety of their staff and the public.

PM Mobile allows clients to take the capabilities into the field, especially for management of third party activities.

A new age in pipeline integrity management
What is pipeline manager?
Pipeline Manager is a system that supports all the key areas of pipeline management, including a set of capabilities that have been designed to fit in with the daily demands of a pipeline department. Carefully planned interactions between maps, lists and diagrams allows users to view and manage information in the way that best represents their needs. Major applications include:

- Pipeline condition analysis
- Risk assessment
- Third party interference
- Right of way (ROW)
- Cathodic protection
- Survey data management
- Pipeline documentation
- Field data collection
- Emergency response
- Repair Planning

How can pipeline manager help you?
- Improve data consistency in case of pipeline changes
- Provide easy handling and suitable representation of survey data for analysis
- Provide the capability for pipeline feature analysis and tracking
- Combine pipeline condition and risk analysis to support decision-making
- Allow early error identification due to immediate data checking and analysis
- Improve the quality, availability and usability of pipeline information

Intero also provides services based on Pipeline Manager including:
- XYZ optimization for pipeline positioning
- ILI implementation
- ILI comparison
- Current and Predictive FFP Assessment
Let us help you fulfil your responsibility for the integrity of your pipeline

Intero Integrity, formally known as A.Hak Industrial Services has since 1988 developed itself into a multidisciplinary contractor for detailed maintenance, services, inspection and abandonment of a pipeline. We provide essential services throughout all phases of a pipeline's life cycle, providing us with a uniquely practical insight into the integrity and availability of pipelines.

Through the integration of DMC-1 and Pipeline Manager into our portfolio, we have enhanced our pipeline integrity management system. In combination with our growing management and strategic level services, this collaboration forms the core of our pipeline integrity service development.

We aim to provide a complete range of risk management, integrity management and operations services for pipelines, with the client free to choose whichever elements they wish to add to their in-house capabilities and established suppliers. Pipeline Manager provides the crucial platform for the sharing of information and expertise that is essential for successful operations in a pipeline management environment that incorporates multiple organizations and geographic locations.
One total care solution
Intero’s DMC-1 was contracted in 2009 to deliver a Pipeline Management System to a client operating tanks and pipelines at approximately 80 locations worldwide. This included connections to five locations in The Netherlands. Pipeline Manager was implemented for the management of their outside and inside pipelines. In total, more than 50 pipelines with a length of over 200 km were incorporated.

The small central team has immediate access to all Inspection results, CP and other condition survey data together with complete histories of 3rd party activities in a single system.

The main applications of the system included:
• Management of third party activities
• WION fully automatic online processing of ‘KLIC’ notifications (Mandatory Dutch automated One Call System)
• Risk assessment and management
• Integrity assessment and management
• Remaining Life Analysis

The company’s fully hosted Pipeline Manager System, with additional webserver capabilities, allowed all the responsible parties to work together seamlessly, with access to the same complete, up-to-date information, regardless of their location.

The system has been operating successfully since implementation, during which time a number of software updates have been installed without difficulty or inconvenience to the client. In order to maintain the knowledge and skills of the software users, the company receives two days of training each year.
We know your space