DNV·GL

© Thinkstock

DIGITAL SOLUTIONS

SYNERGI™ PIPELINE

Next generation pipeline integrity management solution

Today's business environment is increasingly global, complex and demanding. Transparency, sustainability and zero tolerance for failure are necessary for doing business. Synergi Pipeline software enables safe and efficient pipeline operations, documents risk and gives a clear overview of the integrity of pipelines and components.

DNV GL's Synergi Pipeline software provides a complete PDCA cycle (plan, do, check, act) and data management platform to allow proactive integrity and risk management of your pipeline system. It promotes safe and cost-efficient operation, mainte-nance and life extension of distribution networks, onshore and offshore pipeline systems.

Application of Synergi Pipeline software
- Distribution networks, offshore and onshore pipelines
- Gas, liquid and slurry pipelines

10 good reasons for choosing Synergi Pipeline
1. Powerful analytic module to create desired models – not only risk models
2. Available in Esri ArcGIS environment or a non-GIS environment if preferred
3. Instant risk overview of pipeline systems
4. Pipeline data saved in one central data management system
5. Planning, execution and tracing of all activities
6. Compliance to best practice industry standards and codes
7. Technical integrity experts to help with all stages of the integrity management process
8. Efficient analysis of large data amounts
9. Advanced off-the-shelf analysis tools
10. Dynamic visual analysis of pipeline data

Supporting all stages of the lifecycle

DNV GL's ambition is to fully support the customers in all stages of the integrity lifecycle, from assessing the pipeline's risk to managing and analysing inspection data, to planning mitigation actions. Our close relationships with our customers have led to continuous improvements and value-adding functionality.

At the heart of the pipeline integrity lifecycle is a robust system that enables seamless movement of data between the various lifecycle stages. Synergi Pipeline software offers a comprehensive data management package, and the web-based solution lets you work from anywhere at any time.

Improve safety and business performance

As the focus on pipeline safety increases, stricter regulations demand better solutions for integrity management. In addition to full compliance, operators see the benefits of software systems that increase efficiency and extend the lifetime of ageing assets.

Synergi Pipeline software is a scalable company-wide risk and integrity management system for distribution networks, onshore and offshore pipeline operation. It features support for international standards (e.g. ASME, DNV, BS), extensive risk assessment capabilities, coupled with tools to support the entire integrity and risk management process.

A complete and user-friendly solution

Synergi Pipeline gives you web-based access in combination with powerful desktop tools. Login is secure and access rights can be defined for different users. The desktop tools provide advanced engineering analysis of inline inspections, high consequence area (HCA) identification and corrosion management.

DNV GL - your knowledge partner

DNV GL offers services to help implement Synergi Pipeline in your organization. DNV GL provides leading advisory services in pipeline integrity management. The pipeline experts are involved in developing many of the standards implemented in the software and have the expertise to help with services, such as risk assessment, MAOP verification, failure investigation, and evaluation of integrity management procedures.

RISK ASSESSMENT
AND IM PLANNING

PLAN

MITIGATION
INTERVENTION
AND REPAIR

ACT

DATA
MANAGEMENT
SYSTEM

DO

INSPECTION
MONITORING
AND TESTING

CHECK

INTEGRITY
ASSESSMENT