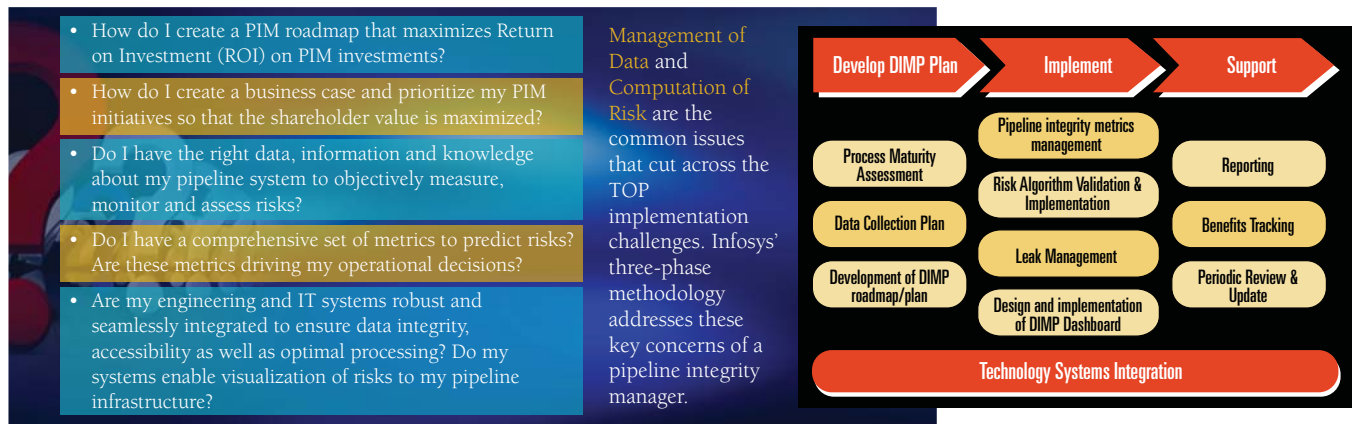


## Pipeline Integrity Management

Unlock the hidden business value

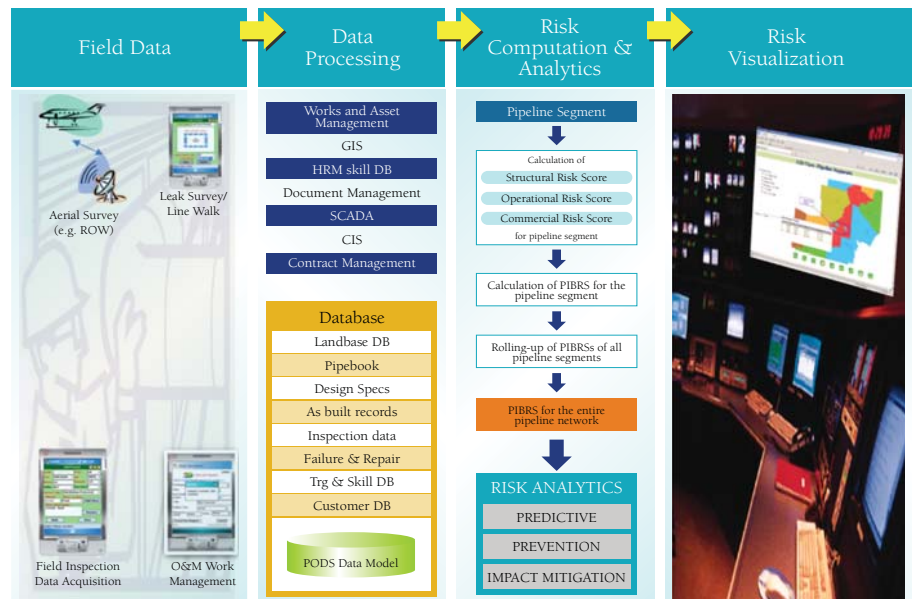
Efficiency of Pipeline Integrity Management (PIM) practices has a significant impact on the ability of a pipeline operator to create shareholder value. Aspects of PIM such as leaks and incidents not only increase the cost of operations but also impair the revenue earning potential. Efficient PIM practices can enhance the economic life of pipeline assets, thus increasing the total lifecycle business value realization from pipeline infrastructure investments. Embracing a mature business strategy as well as leveraging emerging information and communication technologies is bound to open tremendous opportunities for pipeline operators for innovating and developing a plan with stronger focus on business value creation while complying with the regulations. PIM helps the pipeline operators to focus on the Risk management aspect of pipelines. Infosys believes that it is important for pipeline operators to transcend beyond structural integrity management and adopt a more comprehensive approach encompassing dimensions of operational maturity to predict, prevent and mitigate risks as well as the associated commercial implications to business.

### Priorities of Pipeline Integrity Management and Infosys' framework

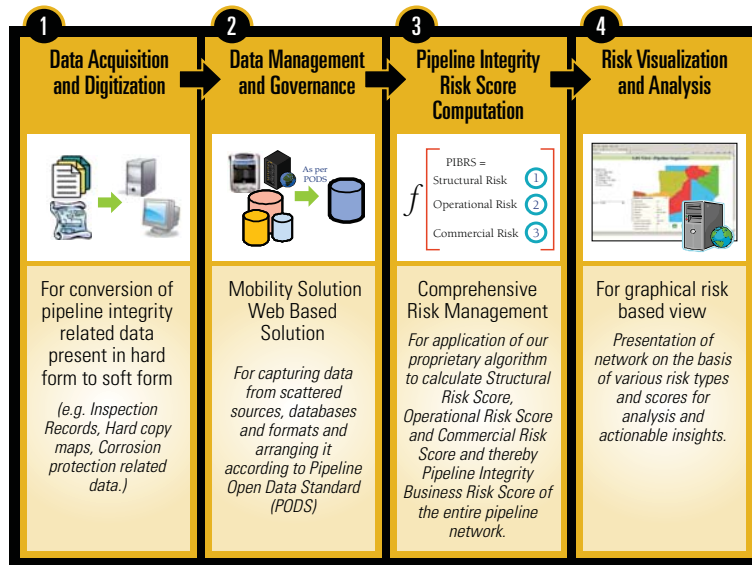


### Path to end state

Comprehensive integration of governing business processes and underlying information systems is critical for realizing business value from PIM. However, every pipeline operator is unique in terms of its capability of managing risks to pipeline integrity; a cookie-cutter approach to developing and implementing a PIM plan can at best be sub-optimal and a quick-fix solution. The solution lies in designing a well thought-out customized program, which addresses not only specific challenges but also long-term business priorities.



## Plugging revenue leakages through Infosys' technology solutions



Infosys' solution framework takes into consideration not just the health of the pipeline system but also the capability and maturity of the PIM processes in terms of its ability to predict and prevent risks.

It uses a staged approach to acquire digitized information of pipeline inspections, processes this data through our patent pending risk scoring algorithm and displays relative risk levels of pipeline sections in a unified GIS-based dashboard.

## Adding value to your business

Infosys Pipeline Integrity Management solution is designed to deliver rapid, tangible benefits while providing a risk based view of pipeline integrity assurance processes

### Benefits

#### FINANCIAL

- Reduce total life cycle costs
  - >> Reduce COGS - value of product lost due to leaks
  - >> Insurance liabilities due to public property damage and fatalities
  - >> Reduce repair and maintenance costs due to corrosion damage to pipelines
- Increase revenue earning potential
  - >> Increase economic life of pipeline assets
  - >> Increase capacity utilization through reduced MTBF

#### OPERATIONAL

- >> Improve visibility of risk levels in all sections of pipeline network
- >> Leverage on existing investments in ERP/ legacy systems and still be able to implement the best-in-class pipeline integrity processes
- >> Reduce cycle time of field data gathering to risk analytics to corrective action
- >> Improve responsiveness to emergency situations through better collaboration

Infosys provides a complete set of solutions and services to maximize the ROI on your PIM investments.

### Business and Domain Consulting

Provides you with strategic differentiation, operational superiority, proprietary industry analyses, assessment & projects that are structured around realizing our Value Realization Method (VRM) driving your success.

### Business Intelligence

Enhance visualization of risks to pipeline infrastructure and helps you prioritize maintenance and inspection activities.  
**Key offerings:** GIS, mobility solutions, data integration and a patent pending Pipeline Integrity Business Risk score algorithm.

### Technology Consulting

We work with you to develop implementable architecture solutions that help you leverage technology to enable business strategy. Our solution helps you achieve a balance between IT Effectiveness and business innovation.

### Enterprise Application Integration

Exploit the investments in Work and Asset management and GIS systems fully, quickly and easily through implementation of the Infosys DIMP Ecosystem solution.

**Infosys**<sup>®</sup>

POWERED BY INTELLECT  
DRIVEN BY VALUES

### About Infosys

Many of the world's most successful organizations rely on Infosys to deliver measurable business value. Infosys provides business consulting, technology, engineering and outsourcing services to help clients in over 30 countries build tomorrow's enterprise.

For more information about Infosys (NASDAQ:INFY), visit [www.infosys.com](http://www.infosys.com)

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