

Wipro Predictive Risk Intelligence Manager (PRIM)

Capture, identify and report complex risks
before they escalate into catastrophic events



Introduction

Given the complex and risky nature of business environment in some industries, such as chemical manufacturing, oil & gas, mining, and utilities, there is a need to keep a balance between running operations and replacing aging equipment, safeguarding the health and safety of employees, and complying with HSSE standards.

Traditional incident investigation models do not capture collective trends or correlate multiple minor risks within the operations.

Currently available systems provide historical analysis and views on individual risks, but do not help to look at the data collectively.

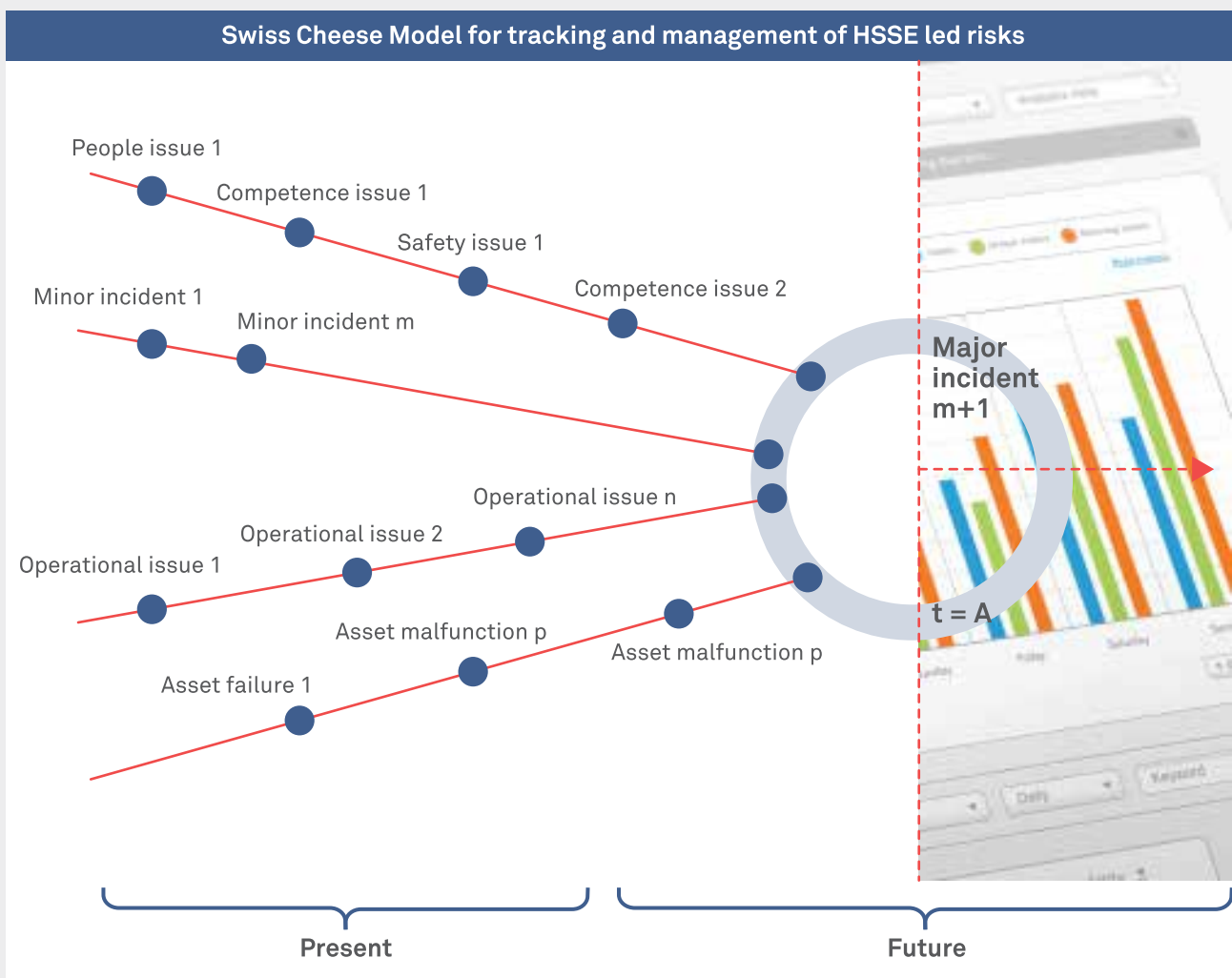
Wipro's business intelligence solution for HSSE risk management, Predictive Risk Intelligence Manager (PRIM) offers collective trending data. PRIM uses leading indicators in the areas of occupational health and safety, process safety, competence and training led risk, asset safety, and incident safety to enable risk identification, assessment and aggregation for an organization spread across multiple facilities and locations.



PRIM solution framework

- A pre-built KPI repository built on emerging HSSE standards and industry leading studies conducted on HSSE risk reduction in global enterprises
- A library of business rules related to various areas of HSSE based on the PRIM data model
- A future proof HSSE data model to evaluate and measure emerging risks in key areas such as asset risk, competence risk, process safety, environmental risk, and incident management
- Global partnership and implementation capability in industry leading business intelligence and analytics platforms
- Data management and HSSE managed services for managing complex data collection and ETL scenarios required for risk intelligence
- An intuitive dashboard interface providing quick visibility to high risk SOPs and vulnerable sites

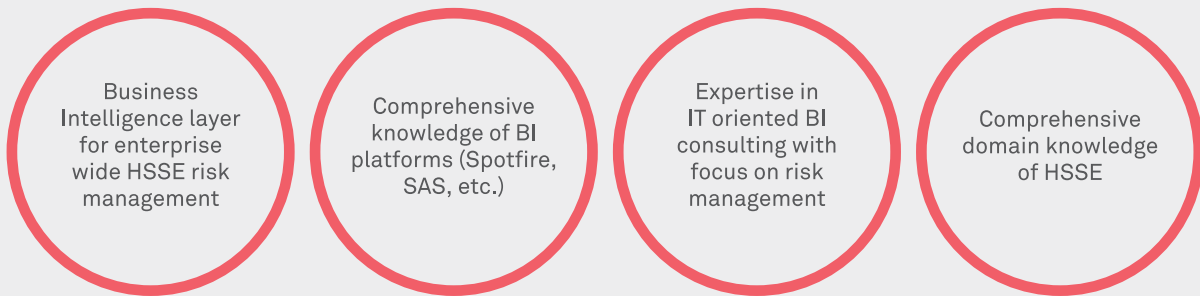
Drivers for risk intelligence and analysis



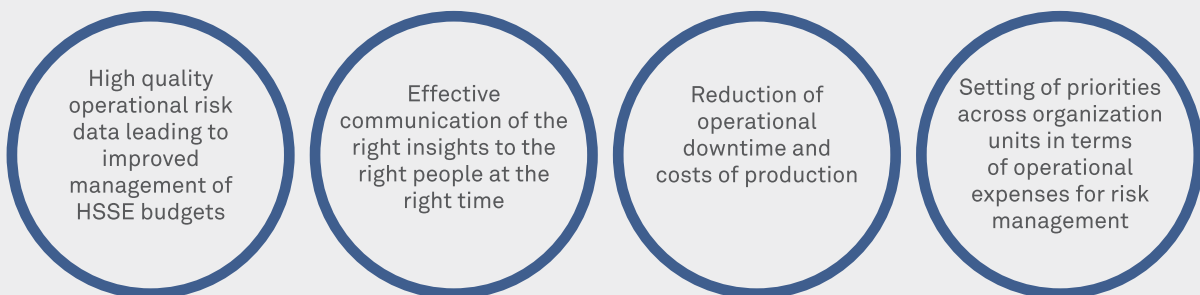
PRIM key performance indicators

Asset safety	Occupational health and safety (OHS)	Process safety	Competency and training risk
Asset inspection completion index	OHS inspection completion index	Safety training effectiveness index	Competency fulfillment index
Equipment preventive maintenance completion index	Near miss action item closure index	Process hazard corrective action	Job churn index
Recorded injury rate due to assets	OHS inspection action item on-time closure index	Item completion index	Training effectiveness index
		Employee safety perception index	

Features

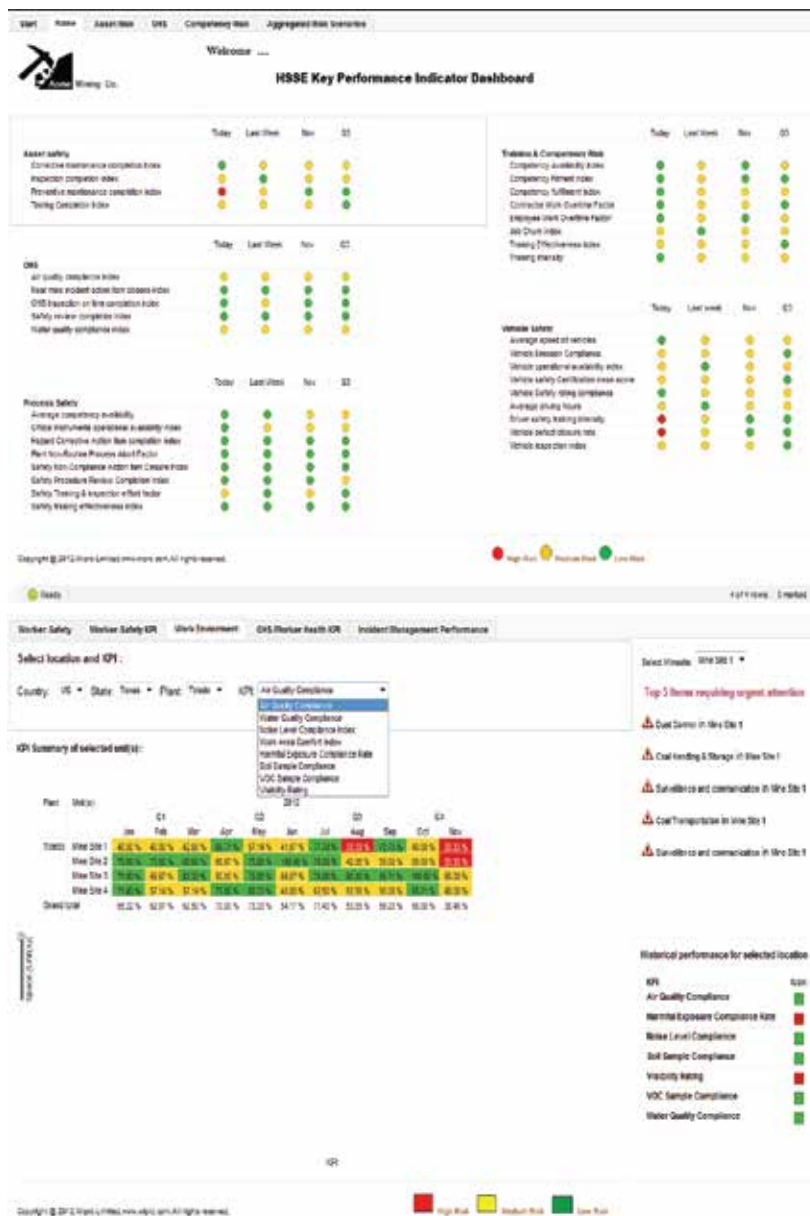


Benefits





Pre-built KPI repository
 built on HSSE standards and
 intuitive dashboard interface
 for quick visibility to high risk
 SOPs and sites



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