Creating an Information Risk Intelligent Enterprise Ramy Houssaini

Governance Risk and Compliance – G32

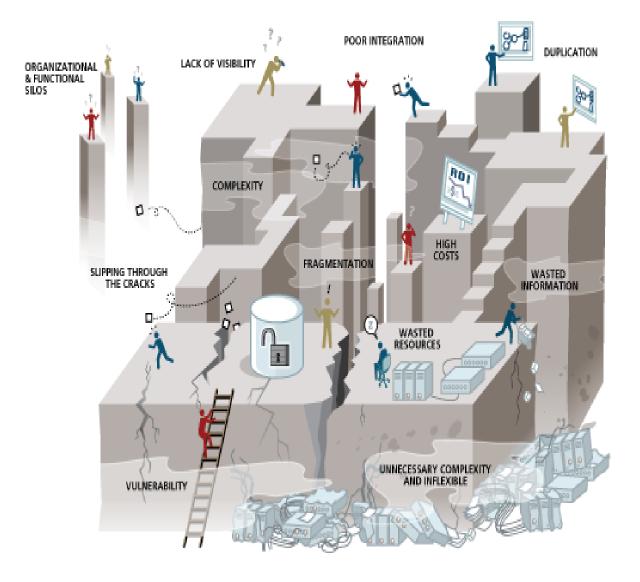


Session Abstract



Organizations continue to struggle with limited operational risk transparency, particularly with regards to Information Risks. As a result, these type of risks generate their fair share of surprises for enterprise risk managers, management teams and boards of directors. This session will describe the competitive benefits of improved information Risk Intelligence and show how the deployment of robust data collection and analysis processes can optimize the management of operational risks in Enterprises. It will also highlight the key governance structure implications and the required supporting processes

Where Are Most Companies Today?



Current State

- Fragmented silos
- Mostly reactionary
- Individual projects
- Handled separately from mainstream processes and decision making
- People used as middleware
- Spreadsheets, spreadsheets, spreadsheets
- Limited and fragmented use of technology

What is the Impact?



Lack of Insight

- Explosion of data no information
- Activities are reactive and defensive
- Reporting of problems vs. alerting capabilities to prevent issues

Inefficiencies and Costs

- Lack of automation for business process management
- Manual compliance, risk, and reporting methodologies
- Lack of alignment to strategy and performance initiatives



Limited Transparency

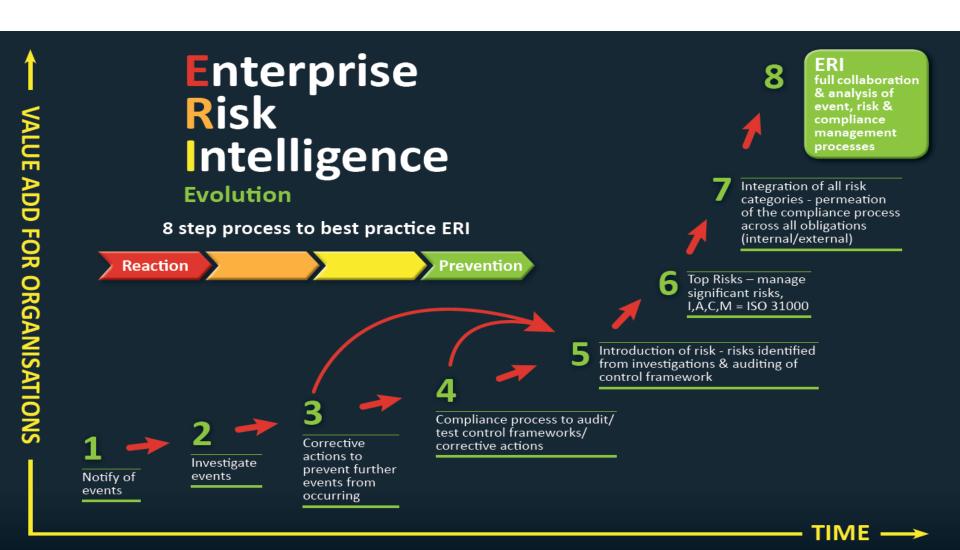
- Fragmentation silos of information
- Lack of visibility into business process performance
- Minimal context of risks across processes



Complex Environments

- Expanding global business environment
- Increase in global regulatory requirements
- Lack of standardization in risk and control processes

The Path to Risk Intelligence

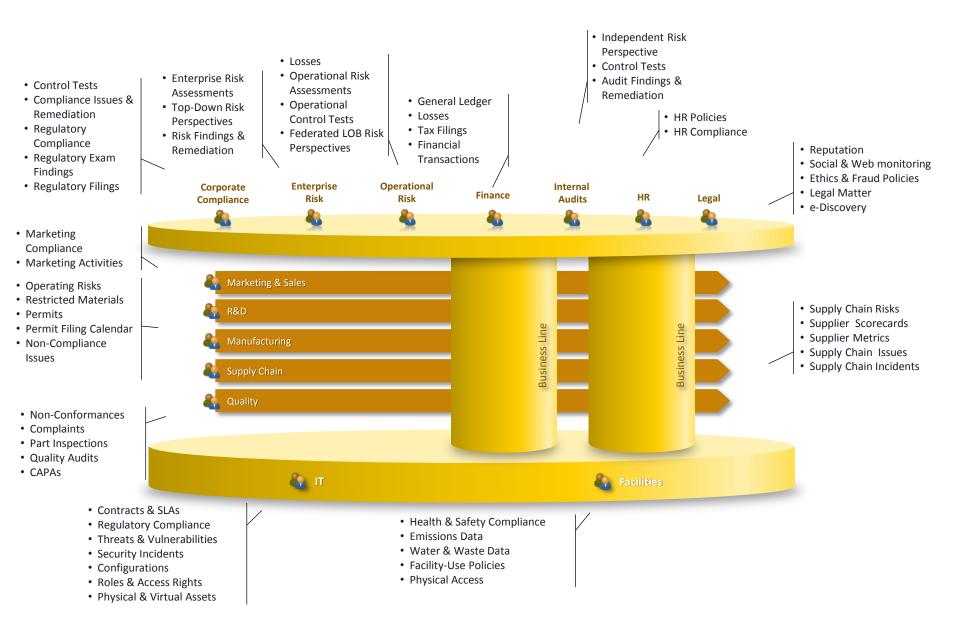




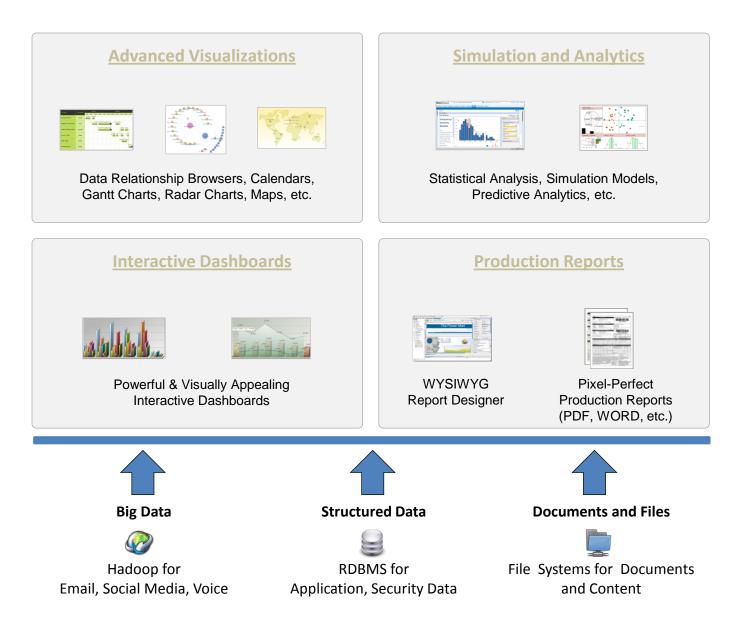
What characterizes an Information Risk Intelligent Enterprise?

	Understand root auses	3. Respo	nd Optimally to Risks	4. Monitor Risk Response		
Characteristics of a Risk Intelligent Enterprise nclude the following:			The competitive benefits of improved Ris Intelligence include:			
 Risk management practices that encompass the entire business 			 Improved ability to prevent, quickly detect, correct, escalate and respond to critical risk issues 			
 Risk management strategies spectrum of risks Risk assessment processes a conventional emphasis on pro- including the vulnerability din Risk management approacher risk scenarios and the interact Risk management practices t the corporate culture Risk management philosophy solely on risk avoidance, but a as a means to value creation 	augment the obability by nension s take into account tion of multiple risks hat are infused into		 Reduced burden on bus standardizing risk mana decision-making A means to improve stra and downside scenarios The ability to provide a other stakeholders that understood and manag The ability to manage e acceptable risk appetite 	siness operations by agement principles, language and ategic flexibility for both upside s "comfort level" to the board and the full range of risks is ed expected risk exposure within e g agency's increased focus on		

How do we get there? Risk Intelligence Data Sources



Reporting and Analytics for Risk Intelligence



Risk Intelligence & Risk Lifecycle



Risk-adjusted management of enterprise performance

Protect Existing Value

- Streamline cross-enterprise risk identification, analysis, and mitigation
- Prevent incidents and losses through automatic risk monitoring

Create New Value

- Increase the success of strategies and initiatives
- Improve performance through risk-adjusted forecasts and plans

Increase Enterprise Transparency

- Ensure business units operate within appropriate risk appetite
- Improve governance by aligning business processes, risks, and controls



Risk Intelligence & Risk Lifecycle



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Risk Intelligence & Risk Lifecycle: Risk Planning



Risk Intelligence & Risk Lifecycle : Risk Identification

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Prioritization Using Risk Heat Map

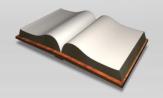
- Prioritize by impact to determine response and mitigation investment
- Identifying shifts in risk Hardy profile and overall risk exposure

Risk Overview									
Probability	Insign.	Minor	Moder.	Major	Catas.				
Occasionally	9	1	0	1	1				
Sometimes	2	5	4	0	0				
Hardly	5	2	5	5	0				
Very rarely	2	3	5	0	3				
Almost never	1	1	1	1	2				

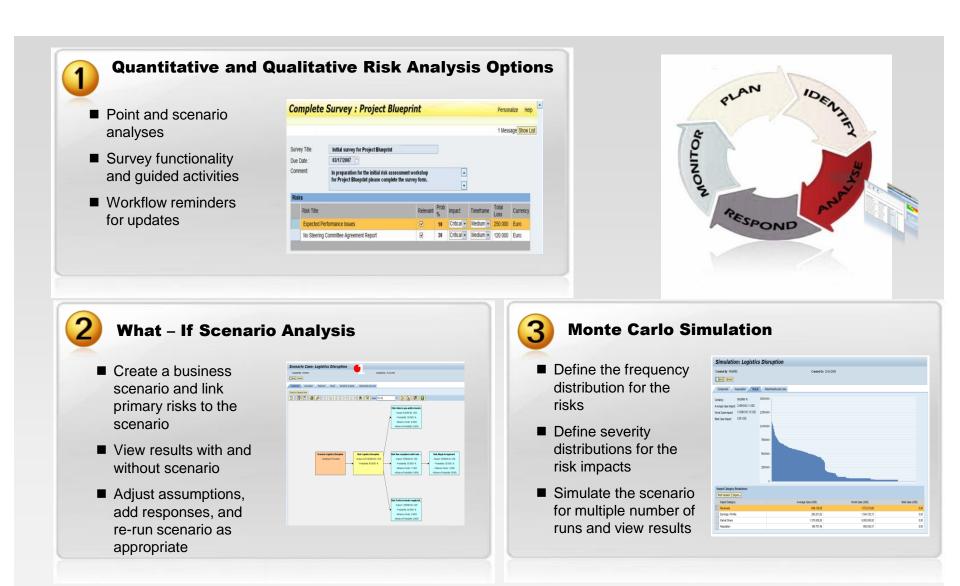


 Identify key risks and risk indicators by overall category or industry

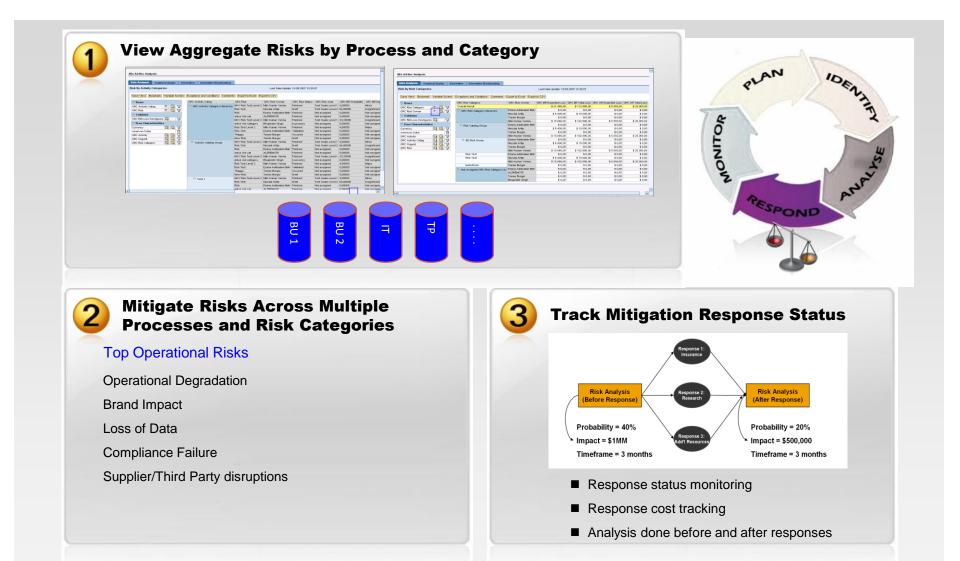
 Identify risk exposure through management of key risk indicators **Risk Catalogue**



Risk Intelligence & Risk Lifecycle: Risk Analysis



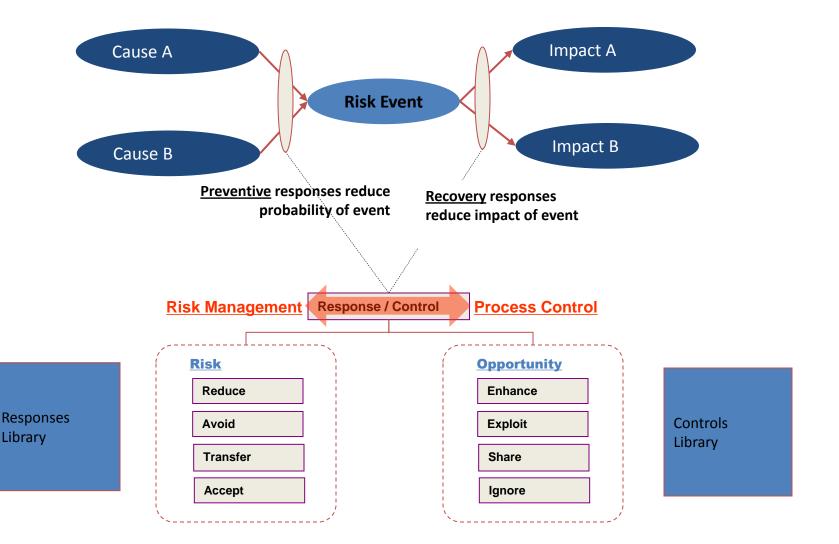
Risk Intelligence & Risk Lifecycle: Risk Response



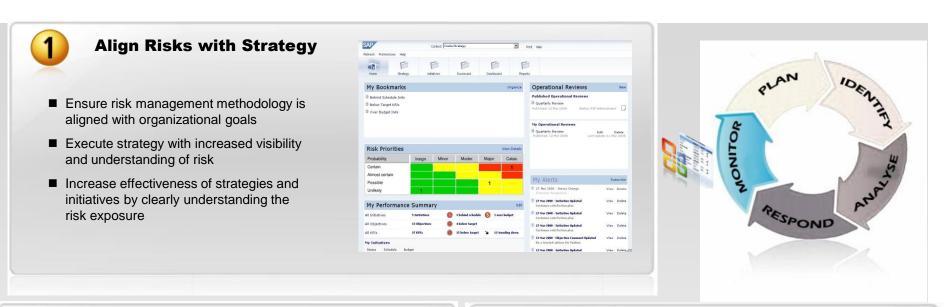
Risk Intelligence & Risk Lifecycle

Risk Response Overview

The purpose of risk response is to make decisions based on the risk analysis about which risks need to be addressed, and to set the associated priorities.



Risk Intelligence & Risk Lifecycle: Risk Monitoring



Automatically Monitor Risks

- Embedded into key business processes
- Controls monitoring based upon the level or risk associated with each business process
- Workflow delivers assessments to experts



Capture Incidents and Losses

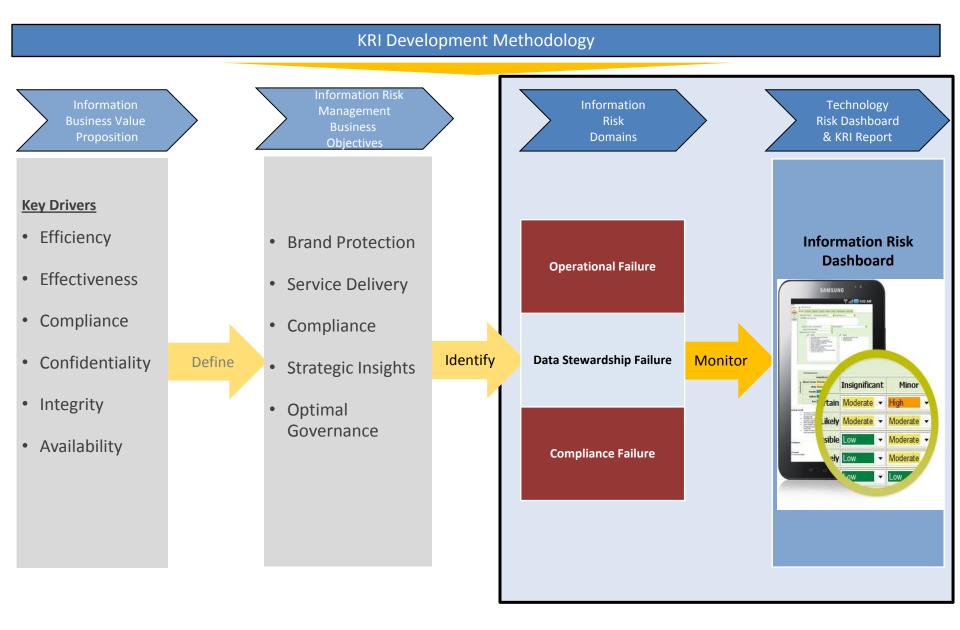
- Create risk knowledgebase to learn from previous experiences
- Incorporate and document workflow capabilities into response playbook



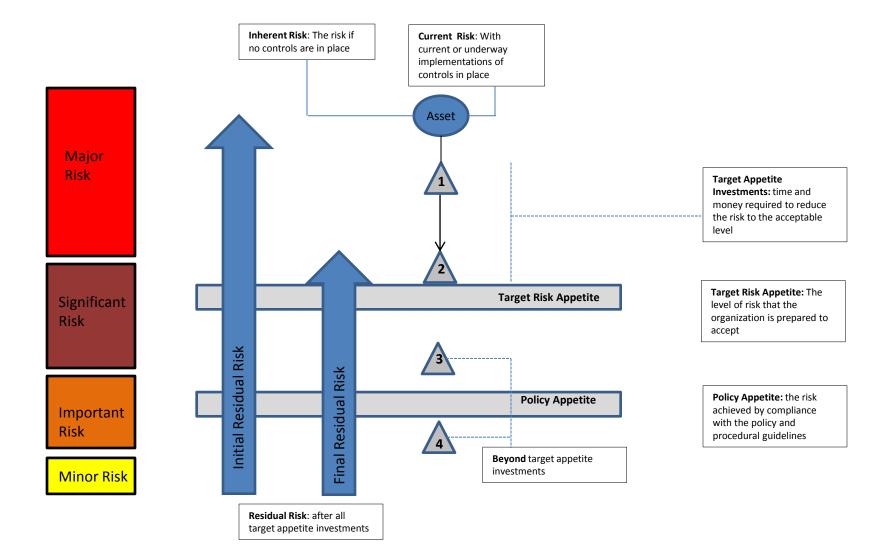
Governance for the Information Risk Intelligent Enterprise 1/3

- The Governance model should focus on setting the right tone from the top
- Risk Communication vehicles are important forums for risk optimization
- Engagement from Key areas of the Business is key to success
- Regular review of the KRI Dashboard will ensure adequate monitoring of key risks is institutionalized
- Risk decisioning should be an integral part of the governance process
- Policies and Standards are important governance instruments and should be frequently reviewed and improved

Governance for the Information Risk Intelligent Enterprise 2/3



Governance for the Information Risk Intelligent Enterprise 3/3



Practical Next Steps

Step 1: Perform an inventory of all Information Risk functions in the organization

- Step 2: Identify opportunities for improved collaboration and knowledge sharing
- Step 3: Leverage a common Risk Information Master System of Record
- Step 4: Develop the right governance vehicles
- Step 5: Reexamine your Risk Policies and Standards
- Step 6: Create regular risk reporting (KRI dashboard)
- Step 7: Continuously monitor and improve risk response

Q&A



References

- 1) Open Compliance and Ethics Group
- 2) Deloitte & Touche Risk Intelligence Whitepaper
- 3) SAP GRC Whitepaper
- 4) RMSS
- 5) RIMS



Ramy Houssaini http://www.linkedin.com/in/strategicleadership