

## Supply Chain Risk Mitigation

*enabled by SAP HANA and Business Objects*

Manufacturing industry supply chains continue to evolve with higher performance expectations. This also raises challenges exposing them to diverse risks and disruptions at different stages in their network. Such disruptions could have huge operational and financial impact with cascading effects along the supply chain.

In particular, disruptions on the supplier-side have the potential to lead to large and visible consequences because of their upstream position in the supply chain. Some years ago, raw material and part shortages resulted in a major aircraft manufacturer losing \$2.6B. Supply disruptions after a major tsunami had hit Japanese coast, and disruptions during floods in Thailand, were widely felt among automobiles manufacturers and electronic devices manufacturers in Europe and USA



### Benefits / Features

- Addressing 'end-to-end' supply chain visibility and processing needs – from Sources of risk to impacted Customers and mitigation options
- Provided with possibility of applying multiple options of risk mitigation in case of events or disruptions – enabling swift response and actions
- User friendly navigation across process areas, designed to intuitively adopt the risk mitigation steps
- Application for use in different Manufacturing industry businesses: Chemical process industries, Automotive assembly and components manufacturing, High-tech and discrete manufacturing, and Consumer Packaged Goods.

View Events and assess risk



Analyze risk details in areas of operations



Identify, review potential impact of the risk



Evaluate options to mitigate the impact



## Business Challenges

- High customer expectations on turnaround time, reliability and predictability
- Maintain lean inventories and manufacturing processes
- Tightly integrated supply chains
- Constant need of improving efficiencies and reducing cost
- Financial uncertainty and associated risks of contagion
- Markets and shareholders highly sensitive to business performance fluctuations

## Technology Challenges

### Tracking Risk

- Diverse sources of data to gather details on risk, impact and possible actions

### Assessing Impact

- Need to process large volume of data from these different areas
- Carry out complex data processing

### Solution Adoption and Driving Decisions

- Need up-to-date information for better decisions
- Design user-friendly and intuitive application for good adoption and usage

## Target Market Supply Chains for



Chemical process industries



Automotive assembly and components manufacturing



High-tech and discrete manufacturing



Consumer packaged goods

For more information, contact [askus@infosys.com](mailto:askus@infosys.com)

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