Wipro's Supply Chain Risk Visibility solution
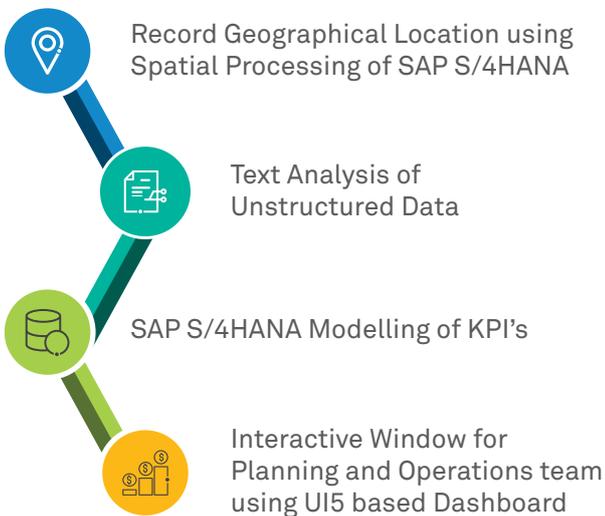
Powered by SAP S/4HANA

Introduction

The supply chain management function for most large enterprises has become fairly complex with the preponderance of several vendor and supplier options available across the globe. At times, unforeseen events around the world can put supply chains at risk, causing intense imbalance between demand and supply. Events such as pandemics, natural disasters, accidents, acts of terror, and social unrest or internal planning glitches such as incorrect/ flawed market assessment or failures of systems pose a huge risk to supply chains and challenge the organizations ability to accurately identify in real time, quantify, mitigate and respond to disruptions. A clear visibility into these disruptions is a first step towards efficiently managing the related supply chain risks. Therefore, the need for a reliable supply chain visibility solution is extremely strong for these enterprises with complex and global supply chains.

The Solution

Wipro's Supply Chain Risk Visibility solution, powered by the capabilities of SAP S/4HANA, provides the right platform for an organization to model various KPIs related to risks on a real-time basis.

Record Geographical Location using Spatial Processing of SAP S/4HANA

Text Analysis of Unstructured Data

SAP S/4HANA Modelling of KPI's

Interactive Window for Planning and Operations team using UI5 based Dashboard

Functional features

Ability to provide the financial impact of a supply chain risk event to help take mitigation steps

Strong leverage of advanced technical capabilities of S/4HANA such as text analysis and geo-spatial processing

Interactive user interface built on SAP UI5

Unique Google Map integration using Google APIs to help display incident information on a map

Extensibility of the capabilities to act on the insights

Emergency and disaster information service

E-Mail

SAP S/4HANA text analysis
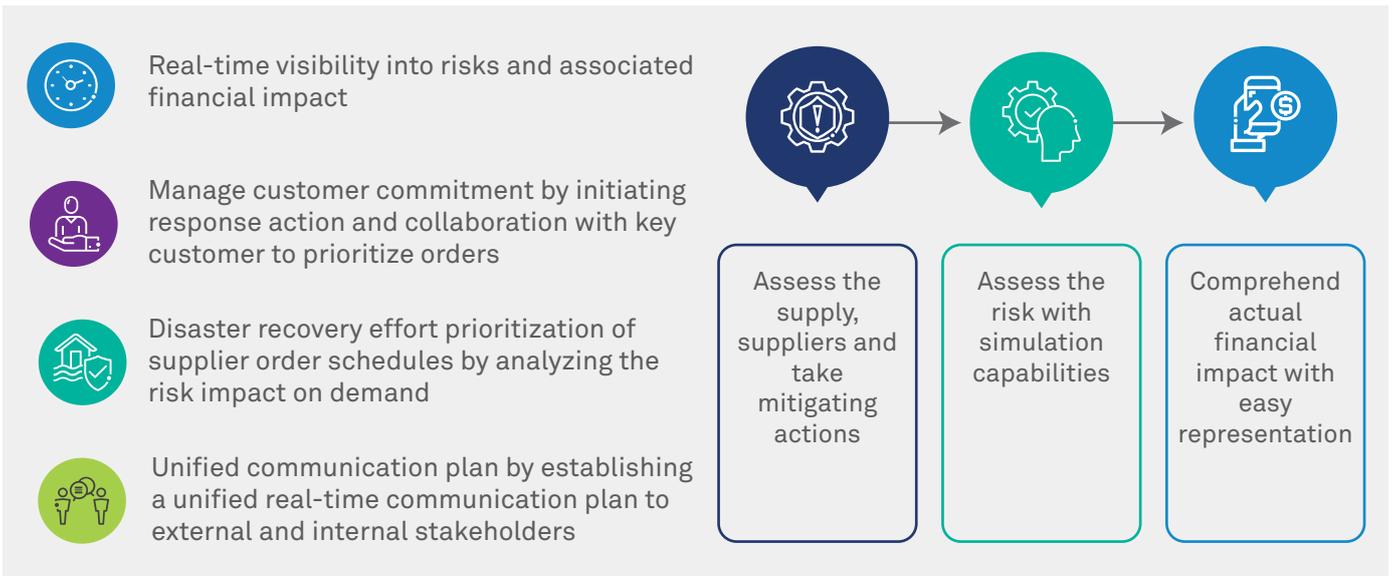
Contextualized risk information

Desktop UI5   Tablets

Business benefits

- Real-time visibility into risks and associated financial impact

- Manage customer commitment by initiating response action and collaboration with key customer to prioritize orders

- Disaster recovery effort prioritization of supplier order schedules by analyzing the risk impact on demand

- Unified communication plan by establishing a unified real-time communication plan to external and internal stakeholders

Assess the supply, suppliers and take mitigating actions → Assess the risk with simulation capabilities → Comprehend actual financial impact with easy representation

The solution also provides insights on vulnerable and high-risk operations and skewed supply chain dependencies of suppliers spread globally. The insights from this solution enable downstream decisions/ opportunities to

Redesign supply chain operations by expanding and outsourcing capacity across various suppliers and geographies

Discover and develop alternate supplier base with Ariba networks to mitigate dependency from exclusive suppliers and restricted countries

Improve supply chain and capacity planning with optimally designed supply networks and integrated planning with SCM applications

● **Wipro Limited**
Doddakannelli, Sarjapur Road,
Bangalore-560 035,
India

Tel: +91 (80) 2844 0011
Fax: +91 (80) 2844 0256
wipro.com

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For more information, please write to us at **info@wipro.com**