Predictive Supply Chain Risk Management
P-SCRM
Corporations today face increased complexity through a massive amount of risks impacting markets and reputation.

Major impact on supply chains

- Market volatility
- Supplier risks
- Biohazard & disease outbreak
- Cyber attacks
- Environmental events
- Political & social events
- Regulatory and compliance
- Partner collaboration

At the same time, surveys with Supply Chain, Risk and Industry Executives show that:

- 56% do not utilize tracking tools to enable real-time reporting
- 29% said there is no process at their company to aggregate risks from across the business.
- 57% cited difficulty in understanding enterprise-wide risk exposures
- 27% believe there is ‘likely to almost certain’ risks with the price of raw materials
- 29% had no formal structures to aggregate the overall risk exposure facing the business
- 50% of organizations have a fair to very limited knowledge of risk & compliance issues
- Only 13% have complete visibility into the end-to-end Supply Chain

Overall: Supply Chain risk management is currently not integrated with wider organizational risk management.
KPMG’s digital solution helps your company future-proof your supply chain

Background: Pandemics, natural disasters, geopolitical crisis, and other events are impacting global supply chains, resulting in potentially severe financial consequences. To help companies predict and better manage these challenges and situations, KPMG has developed a predictive supply chain tool, P-SCRM, based on AI & Big Data.

**Key facts about the KPMG Predictive Supply Chain Risk management solution:**

- Combines large amounts of external and internal data to show real-time events, potentially impacting the supply chain.
- Predicts future disturbances and recommends mitigation activities based on financial impact and risk avoidance scenarios through an AI-based logic.
- As the solution is hosted in the cloud and based on BoM data, a Proof of Concept on a selected supply chain disturbance area can be conducted in a fairly paced manner.
- We have deployed the solution to customers in various industries, making them more prepared to manage future supply chain risk scenarios.
KPMG Predictive Supply Chain Risk Solution

Advanced analytics enables real-time predictive analysis of risk events impacting supply chains from biohazard, financial, regulatory, operational, geopolitical, and natural disaster events. The tool utilizes supplier network information and market distribution channels. Data insights are used to proactively manage risks, enhance/remodel network and empower planning processes.

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<th>TRADITIONAL DATA SOURCES</th>
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KPMG’S DATA PLATFORM

Data ingestion, Seamless integration, Auto generated analytics, Big data capabilities, Real-time data stream processing for anomaly detection, Time series data collection, Natural language processing

Executive dashboard
Forecasting potential events
AI-scenario modelling & planning
Supplier, product and raw material
Interested in learning more about P-SCRM?
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