



**Predictive Supply Chain Management  
P-SCM**

The text is centered on the slide. It is flanked by two large, white, U-shaped graphic elements that resemble brackets or partial rectangular frames. The top U-shape is positioned above the text, and the bottom U-shape is positioned below it. The background of the slide is dark blue with a network of glowing white nodes and lines on the right side, suggesting a digital or data-driven environment.

# 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

57% cited difficulty in understanding enterprise-wide risk exposures

29% had no formal structures to aggregate the overall risk exposure facing the business

29% said there is no process at their company to aggregate risks from across the business.

27% believe there is 'likely to almost certain' risks with the price of raw materials

50% of organizations have a fair to very limited knowledge of risk & compliance issues

Overall: Supply Chain performance and risk management is currently not integrated with wider organizational risk management

Only 13% have complete visibility into the end-to-end Supply Chain

# 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.

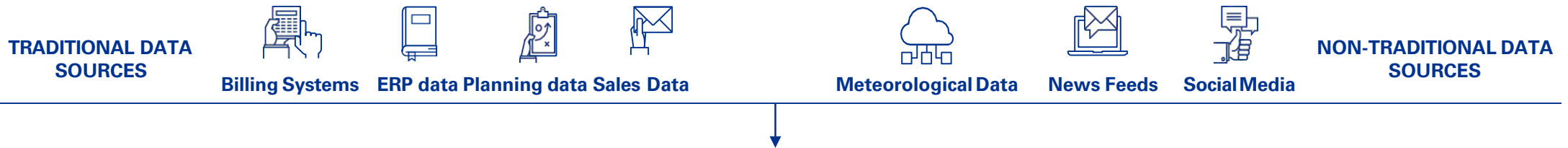
To help companies predict and better manage these challenges and situations, KPMG has developed a predictive supply chain tool, P-SCM, based on AI & Big Data.

## **Key facts about the KPMG Predictive Supply Chain 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 events and risk scenarios.

# KPMG Predictive Supply Chain Solution

Advanced analytics enables real time predictive analysis of events and risks 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 events and risks, enhance/ remodel network and empower planning processes.



**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-SCM?**





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