ROADMAP *to* AGILE SUPPLY CHAIN PLANNING

Inability to prepare for and quickly adjust to unexpected changes in demand and supply—and the related inventory problems, expediting costs, quality issues and potential lost business—threatens profitability at best and business continuity at worst.

What's holding manufacturers back from agile supply chain planning—with capabilities like scenario planning and financial planning—that will protect profitability and help prevent avoidable worst-case disasters when the inevitable next disruption hits?

FUNCTIONAL SILOS

Unable to simulate event disruption across the business

- Rapid business simulations to globally measure event impacts
- Single supply chain model to align functional silos
- Flexible supply chain modelling environment
- End-to-end supply chain planning platform
- In-memory data model

FIREFIGHTING

Firefighting frequently disrupts the plan

- Measure supply chain variance for scenario planning
- Probabilistic planning buffering shocks and disruption
- Use scenarios to continually realign with business strategy
- Manage risk/opportunities with a scenario planning engine and collaboratively make more informed decisions

TUNNEL VISION

Inability to make Holistic decisions

- Socialize the supply chain to capture & validate risks/assumptions
- Embed advanced analytics for fully leveraging business insights
- Use tools to easily visualize & share data

LIMITED VISIBILITY

Insufficient visibility into the supply, demand, and production facets of your supply chain

- Measure the variation of historic parameter information in supply constraints, production capacities, lead times, demand, & costs
- Generate scenarios based upon the likelihood of changes in parameters
- Use machine learning to predict supply chain variance & provide resilience

BLACK SWANS

Cannot predict black swan events

- We do not know their nature but we can predict their impact
- Pre-build contingency plans based on greatest operational risk
- Collaborate with trading partners to pool the best response

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Source: *Supply Chain Media, 2020*