

COVID-19: MANAGING SUPPLY-CHAIN DISRUPTION

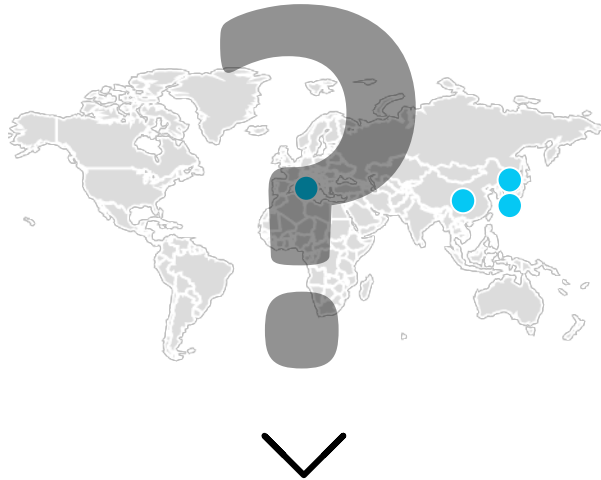
Setting up immediate response capabilities

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THE CORONA IMPACT ON SUPPLY CHAINS

Depending on the spread and isolation strategies, the impact on global supply chain will vary and may change substantially – your supply chain crisis response needs to think through all of them

Local isolation efforts continue



On-going **local disruptions** in global supply chain

Pandemic spread addressed with isolation efforts



Large-scale disruptions and **lock-downs on all levels**

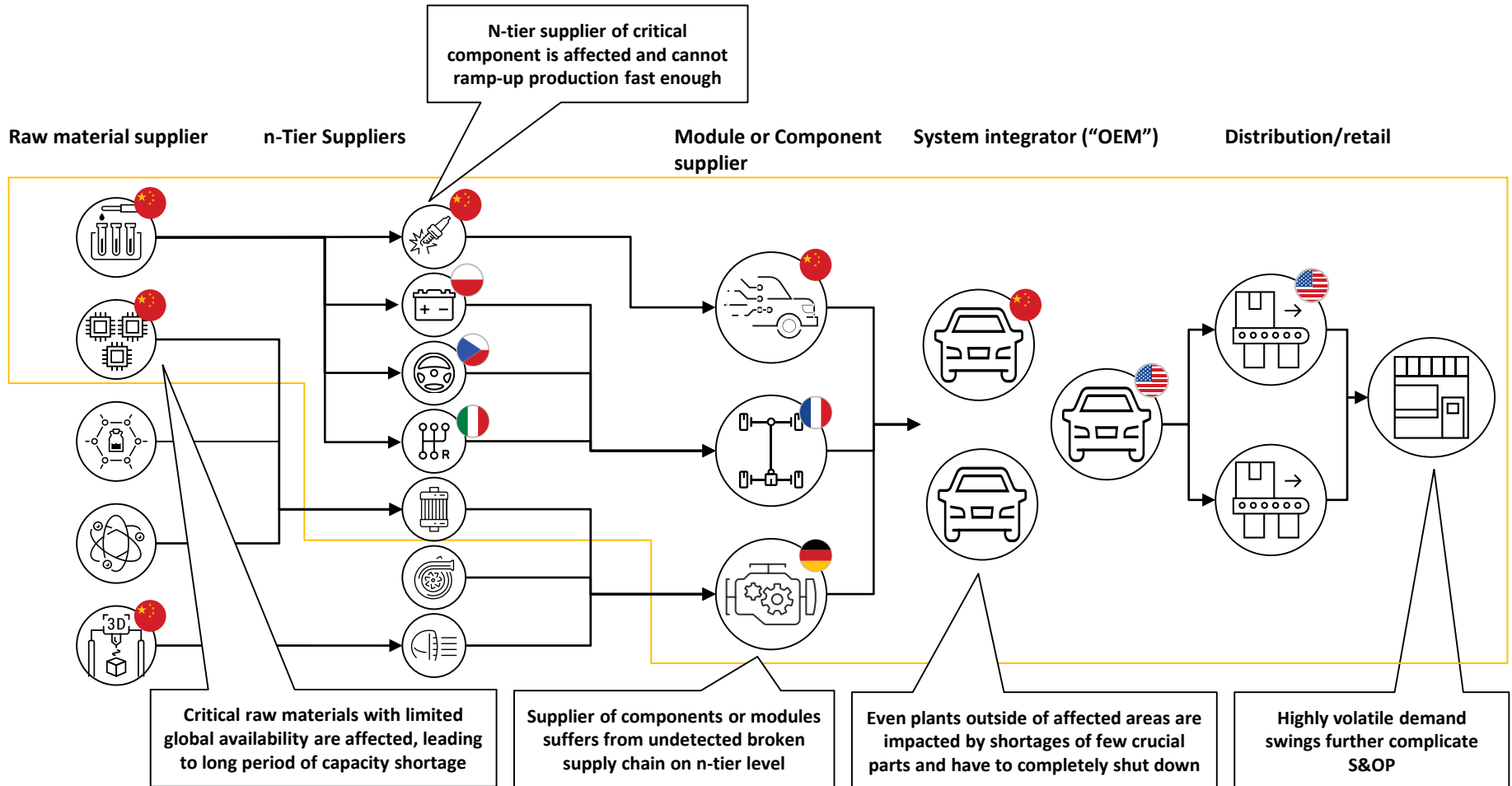
Pandemic spread after isolation efforts have failed



Broad range of **local and global supply chain disturbances** possible, triggered by capacity constraints on people and logistics side

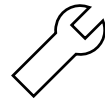
MANUFACTURING IMPACT

Manufacturing companies have been buffeted in two waves: global supply chain disruption and internal operational regional disruptions



COVID-19 SUPPLY CHAIN RESPONSE RAMP UP: SUCCESS FACTORS

Tackling a COVID-19 supply chain crisis requires immediately establishing the ability to respond and securing the supply



Rapidly set-up **robust response team structures, governance and processes**



Quickly create **comprehensive transparency on impact on complete supply chain** (operational and financial)



Enable and support operations teams (procurement, manufacturing, logistics, quality, engineering) **to safeguard immediate supply and to develop sustainable solutions**



Establish **decision authority for response team leadership** and link to board of management



Speed-up the **development and implementation of mitigation actions** for components with **highly critical supply situation**



Continuously challenge plausibility of actions to secure supply (supplier financial support, lead time management, alternative suppliers, insourcing, etc.)



**Establish
Ability to
respond**



**Secure
supply**

IS YOUR COVID-19 SUPPLY CHAIN RESPONSE ADEQUATE?



Structures, Governance, Processes

- Is your response team sufficiently staffed, equipped, and focused solely on the task?
- Does the team have immediate and permanent access to the full organization and board-level decision makers?
- Do they run efficient real-time processes for issue identification, solution development, decisions, and reporting?



Comprehensive Transparency

- Do you know which parts of your full supply chain are potentially affected?
- Do you track the status of every potentially impacted part of the supply chain?
- Do you know the (financial) impact of every critically affected part of your supply chain on your own business?
- Do you know the impact on your customers' supply chains?



Organization Enabled

- Is every operations team potentially affected by a supply chain disruption trained to support transparency creation, solution development or implementation?
- Are capabilities and resources available to support the supply chain also beyond the organizational boundaries (transport, quality, engineering, ...)?



Crisis Management

- Has your response team leadership the authority to take the required decisions to solve disruptions?
- Does the response team have the right information at hand to take decisions immediately at scale that will impact significant parts of the business?
- Is the top management frequently updated on status and challenges?



Speedy Mitigation

- Do you have a clear framework on how to prioritize scarce resources and management attention?
- Does your solution development focus on the most critical parts: short time to impact and/or no solutions available?



Robust Plans

- Do you guide solution development with a standardized set of levers?
- Do you systematically require back-up plans for solutions that are not yet implemented?
- Are you prepared for new parts of the supply chain being affected?
- Do you have a back-up plan for your response team?

OUTLOOK: MID TO LONG TERM SUPPLY CHAIN MEASURES

Besides short term measures, companies need to increase their mitigation and preparation...
after the crisis is before the crisis



Inbound Supply Chain

- How comprehensive is your supply chain risk management and how do you adjust your risk appetite?
- How resilient is your supply chain, or your supplier landscape?
- How and when to lock-in transportation capacities and prices?
- How much control do you need of core elements to better mitigate certain risks?
- How do you optimize for cost vs flexibility or even agility?
- Do you have a watch-tower on guard that spots weak signals and increases stock?
- ...



Outbound Supply Chain

- How much/where should you store products now before a likely reduction/shut-down of production?
- How to best ramp-up distribution flows again after the crisis (direct delivery vs. regular vs. ...)?
- How to flex your own distribution cost early on?
- How can you leverage the supply chain flexibility to your advantage in customer negotiations?
- How can you utilize supply chain agility as a competitive advantage e.g. to gain (and retain) share in times of supply disruptions?
- ...



S&OP considerations

- What's your hierarchy of products/production? In case of scarce supplies, what gets produced/not?
- How does demand likely change shortly before, shortly after the crisis, how to best adapt production and the resulting supply chain?
- Should you change your share of made-to-stock/made-to-order in light of a crisis?
- Is a temporary slow-down in demand and supply the time to run more trials/how to use idle supply chain and production capacity best?
- ...

OUR TEAM OF EXPERTS

Our Operations Practice experts have hands on experience across industries and have supported in supply chain crises such as Fukushima, earthquakes, global capacity shortages, and COVID-19



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COVID-19 RESOURCES



WHO COVID-19 Situation Reports

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>



CDC Resources

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>



Oliver Wyman Perspectives

<https://www.oliverwyman.com/coronavirus>

