

## #062 WHAT METHODOLOGY SHOULD I USE TO HIGHLIGHT THE FRAGILITY OF MY SUPPLY CHAIN?

Industry

Distribution

Supply Chain

### FAILURE ANALYSIS ON 3 LEVELS

The analysis of failures throughout the supply chain, from suppliers (and even my suppliers' suppliers...) to customers via production sites and the logistics network must be carried out on 3 levels:



**Planning:** Did the planning of needs and demand adapt quickly enough to the coronavirus crisis?



**Decision-making:** were decisions made quickly and with sufficient knowledge of the state of the supply chain?



**Execution:** did the operational application run smoothly, were operations able to adapt?



## **THERE ARE TWO APPROACHES TO IDENTIFYING THESE FAILURES:**

**Either by using classic KPIs (delivery times, service rate, breakdowns, forecast accuracy) but also with agility indicators:** feedback times on my entire chain, anomaly detection times, decision making times, supply chain response times, etc.

**Either in a more innovative way, using Big data and AI** through process analysis platforms (e.g. Celonis or Aera and many others).

***The weaknesses identified at each link in the chain and at each level must then be linked to one or more root causes: the information system, the current organization, the processes and the physical means.***

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Avec plus de 20 ans d'expérience notamment dans le conseil, Tuyen intervient plus particulièrement dans les secteurs du Luxe, du Retail et des industriels CPG, sur des problématiques de S&OP, Demand & Supply Chain planning, avec une expertise sur l'IA appliquée à la SC.

### | About ASLOG

**ASLOG brings together more than 400 companies from all sectors**, with 2,000 professionals working together to promote and build tomorrow's Supply Chain. ASLOG is a neutral and independent association that addresses Supply Chain issues.

**As early as 1972, visionary men sensed that this function would be decisive for all companies.** For almost fifty years, professionals in the sector have made ASLOG the reference partner.

ASLOG is the privileged interlocutor of institutions and public authorities on all questions relating to the sector.

### | #supplychain4good

The **#SupplyChain4Good** community was created at the initiative of Michelin and ASLOG, as part of the Movin'On ecosystem, in favor of a more sustainable mobility of goods.

**#SupplyChain4Good's** ambition is to federate the actors who work for Supply Chains that are simultaneously good for the planet, the people and the business performance. The members of this community are «shippers» (industrial and commercial companies), «operators» (transporters, logisticians, shipping companies, ports...), «support functions» (academics, consultants, information systems, regulators, NGOs...).

They cover all economic sectors and all regions of the world. Their work takes place throughout the year and culminates in the annual Movin'On Summit, the world summit on sustainable mobility.