DETECON
CONSULTING

Global Supply Chain Transparency and Resilience

Agile 50 Day Approach

Covid-19 revealed the need to transform supply chains towards transparency and resilience.

- More than any stress test, Covid-19 has uncovered major deficiencies and weaknesses in today's supply chains.

- The question is, what to prepare for next? Supply chains cannot be designed for every highly unlikely black swan event.

- But, no doubt, volatility and uncertainty will increase. Hence, supply chains have to become more transparent and resilient.

Improve Supply Chain Transparency

- End-to-End Supply Chain Visibility based on digital technologies (IoT, advanced analytics, end-to-end visibility)

- Digital twin of supply chain networks for scenario analysis, simulation and monitoring

- Adequate supply chain risk prevention and monitoring

- Advanced vendor management and supply chain network analytics

Increase Supply Chain Resilience

- Geo-redundant supply chains and selective regionalization (national borders matter) and reshoring

- Right balance between global and local/regional supply

- Focused inventory increase, but only for most critical items

- Supply diversification, multi-source strategies, strategic supplier development

- Agile capacity management with fluctuation bands and guaranteed delivery capacities

- Alternative supplies and virtual supply chains; possibly also additive manufacturing (e.g. 3D printing)

Agile 50 Day Approach

Objectives and Scope of the Consulting Service Offering

- Define in 50 days a substantiated roadmap comprising concrete measures, projects and initiatives based on best practices and state-of-the-art digital technologies to significantly improve the transparency and resilience of the global supply chain to be better prepared for a highly volatile environment.

- Realize quick-wins by implementing selected short-term measures and prove the feasibility of selected measures

Agile Sprint-based Approach and Proven Methodology

Phases / Sprints	01	02	03	04	05	06	07
Supply Chain Transparency Assessment	▬						
Supply Chain Resilience Assessment	▬						
Target Picture Defintion (ambitious, but realistic)				▬			
Best Practices Improvement Measures Ideation			▬	▬			
Improvement Measures Portfolio Priority Setting				▬			
Quick-win Realization Sprints					▬	▬	
Project Planning and Design Sprints						▬	
Proof-of-Concept Sprints					▬	▬	
Roadmap Planning							▬

Customer Benefit

- Leverage proven best practices and benefit from Detecon's profound digital expertise in supply chain optimization

- Tangible results in 50 days with a limited invest

- Substantiated roadmap driving forward a digital supply chain transformation towards transparency and resilience

- First quick-wins already improving the transparency and resilience

DETECON
DIGITAL ENGINEERING CENTER

Contact:
📞 +49 160 365 1212
✉ Felix.Theisinger@detecon.com

in detecon-international-gmbh
🌐 detecon.com/de