

Case study: Sterilization process strategy



Client:
Global MedTech
producer / distributor



Industry:
Medical devices



Project:
Sterilization
process strategy

Initial Situation



Client and global market experienced significant growth during the past few years, leading to bottlenecks in the global supply chain. Most notably, bottlenecks occurred for the sterilization process, a process taking place between manufacturing and global distribution.

KPMG designed and quantified various supply chain scenarios and supported the client in evaluating the options for optimizing the sterilization process:

- Two new process subtype evaluations, i.e. Electron Beam (E-Beam) and X-Ray sterilization
- Alternative approaches to the collaboration with 3rd party sterilization providers
- Assessment of new site locations for in-house sterilization
- In-line sterilization capabilities development

Approach



KPMG established a clear picture and reflection of today's supply chain (actors, goods, data).

- Information collection and model build-up
- Quantitative and qualitative scenario analysis and modelling
- Ranking of potential scenarios and identifying additional areas for improvement
- Recommendation development and handing over to client

Results & Client benefit



- Final sterilization strategy report and recommendation summarizing the current issues, evaluation framework, quantitative and qualitative business cases, and a high-level implementation roadmap
- KPMG-branded strategy and valuation report for improving the future flow of goods through the sterilization process in the global supply chain