

Risk management and supply chain vulnerability with focus on ICTs

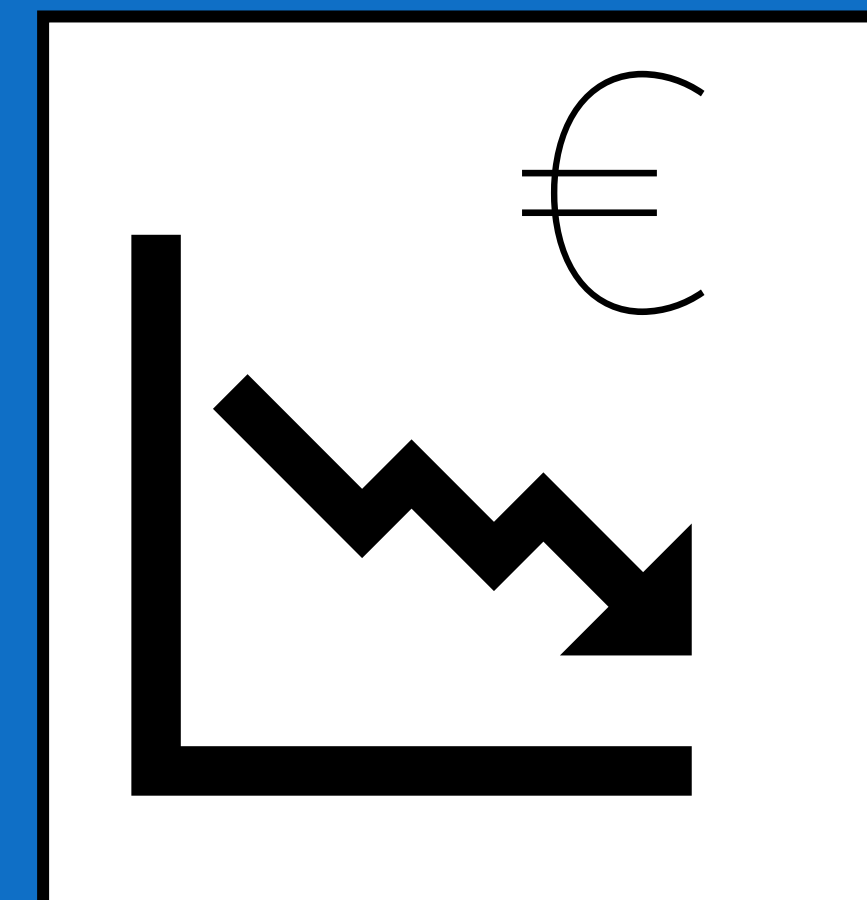
("Uncertain Times Call For Certainty In Your Supply Chain," 2020)

Introduction

To date, the supply chain continues to be a fascinating topic for most of the businesses across the globe. It has been embraced by different companies ranging from small ones to multinational ones with the aim of creating business success.



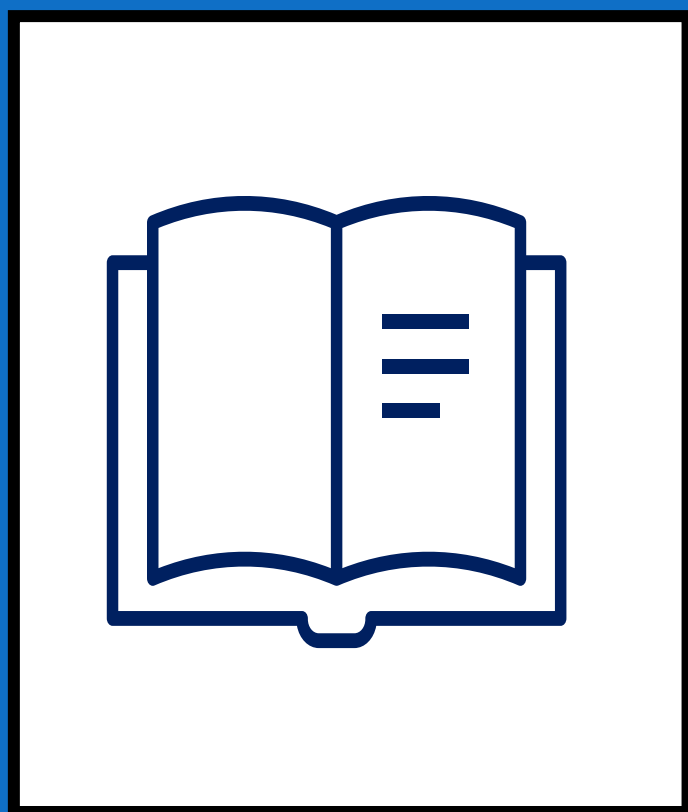
Problem statement



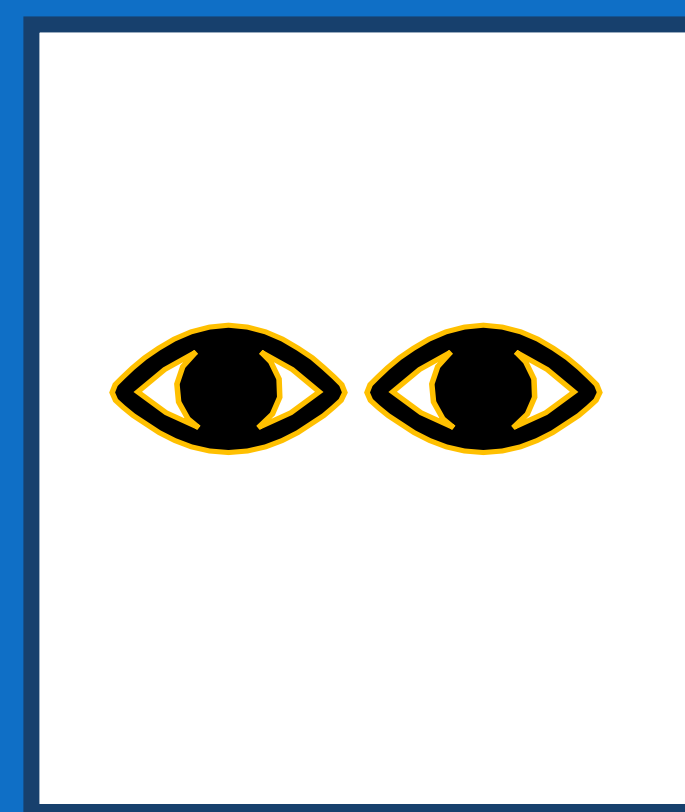
The continuous ICT problems in Belgium especially at the airport that have led to disruption of the supply chain such as delay of 7000 baggages that could not be handled on time. Hence loss of revenue/profits.

Methodology

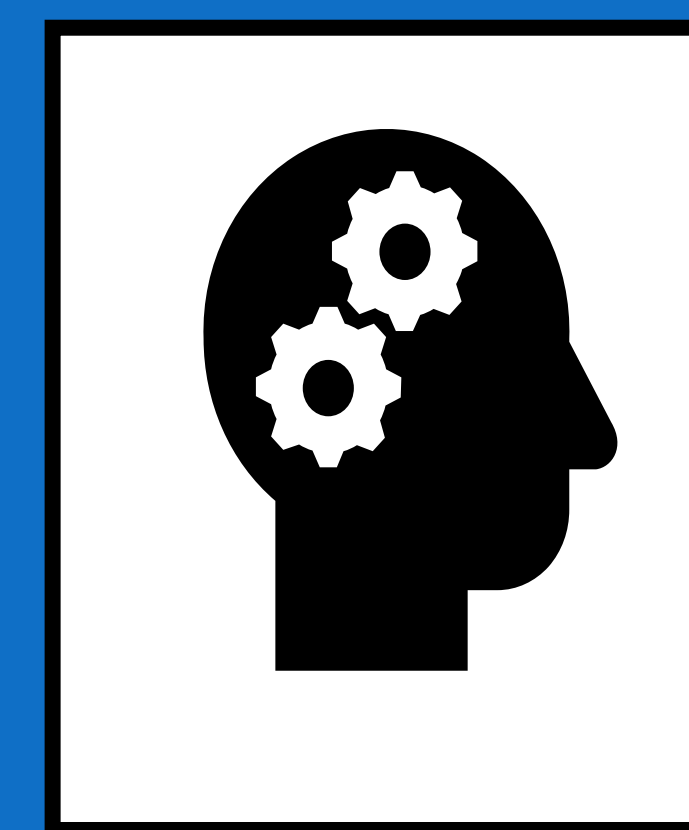
Secondary data



observation



Research questions

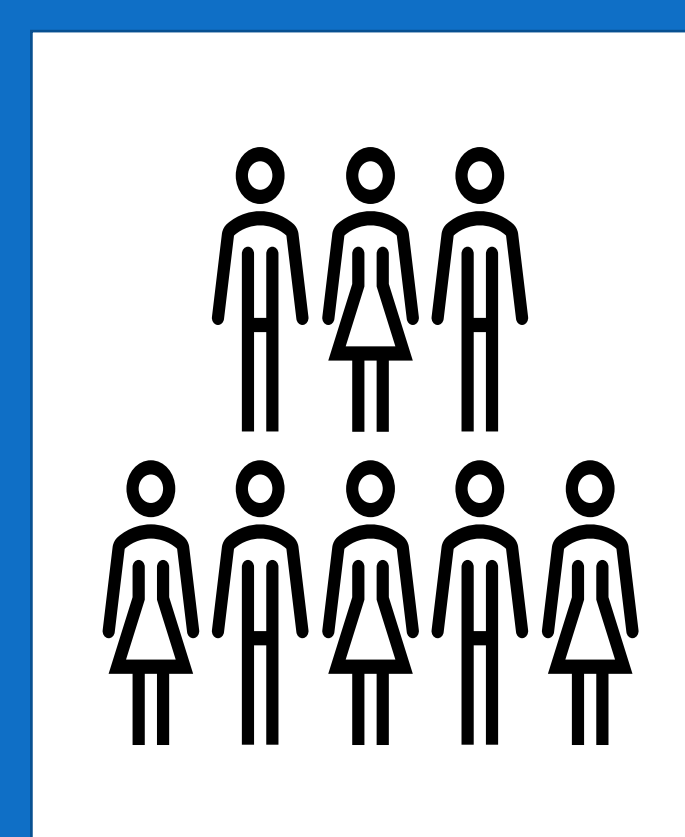


1. Why does ICT make the supply chain vulnerable?
2. Which ICT areas make the supply chain vulnerable?
3. What should be done to mitigate supply chain vulnerability with focus on ICTs?

Findings

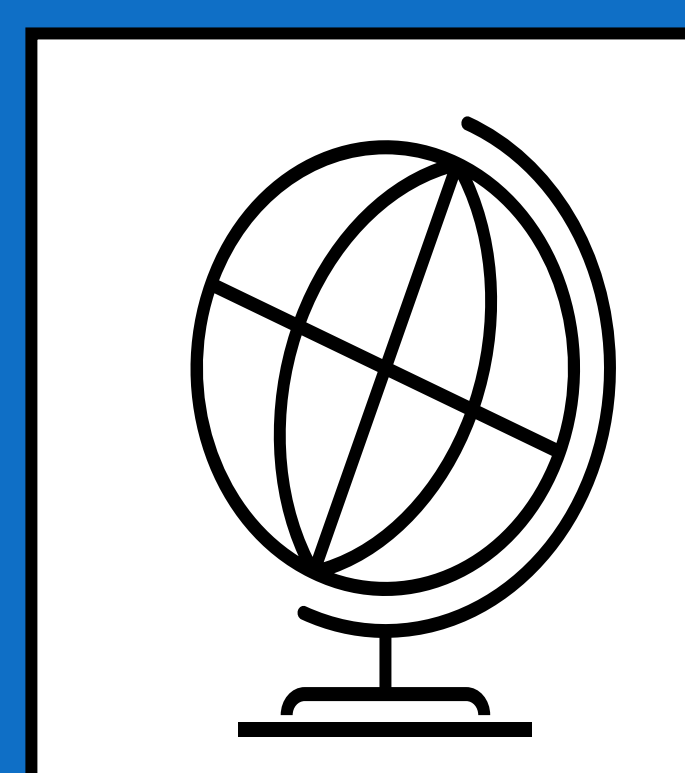
Internal factors

- Type of management
- Capital allocation
- IT infrastructure
- Staff Training
- Maintenance
- Security



External factors

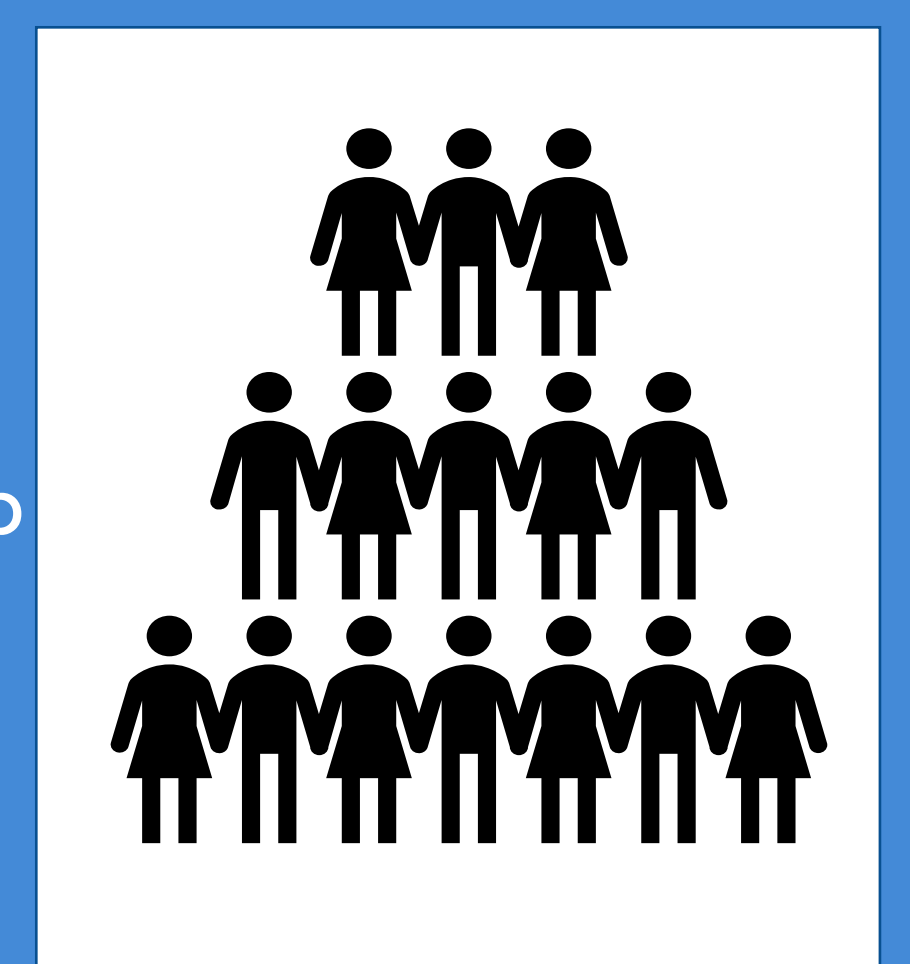
- Political
- Economic
- Social
- Technology
- Environment
- Legal



Mitigation

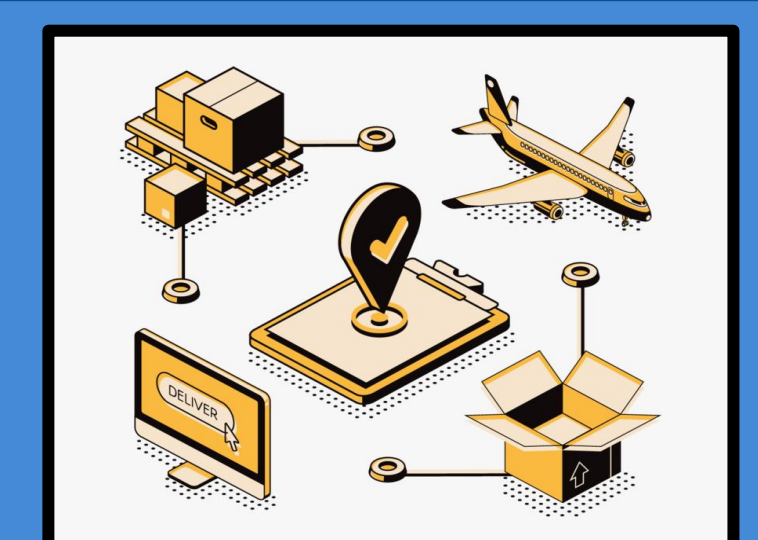
Organizational level

- Management support
- Employee trainings
- Capital savings and investment
- Risk management policy and backup
- Active risk management committee
- Risk management audits
- Legal advisors
- Ethical code of conduct



Supply chain level

- Timely sharing of necessary information
- Partnership meetings



National level

- Securing government support
- Taxes and fines
- Political interference



Globally

- Secure ICTs



References

(ICT Disruptions at Brussels Airport, n.d.)

