

A Secure and Efficient port-hinterland containerized supply chain

September 29, 2015

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Ass. Professor, Phd. Luca Urciuoli

MSc Gomes L., MSc Lekkakos S., Prof. Gurbuz M.C., Bolther, J.



Agenda

- Supply chain risk management and disruption.
- The importance of IT information exchange for risk management.
- The CORE approach in BSH Trade-lane.
- Expected benefits and current status.

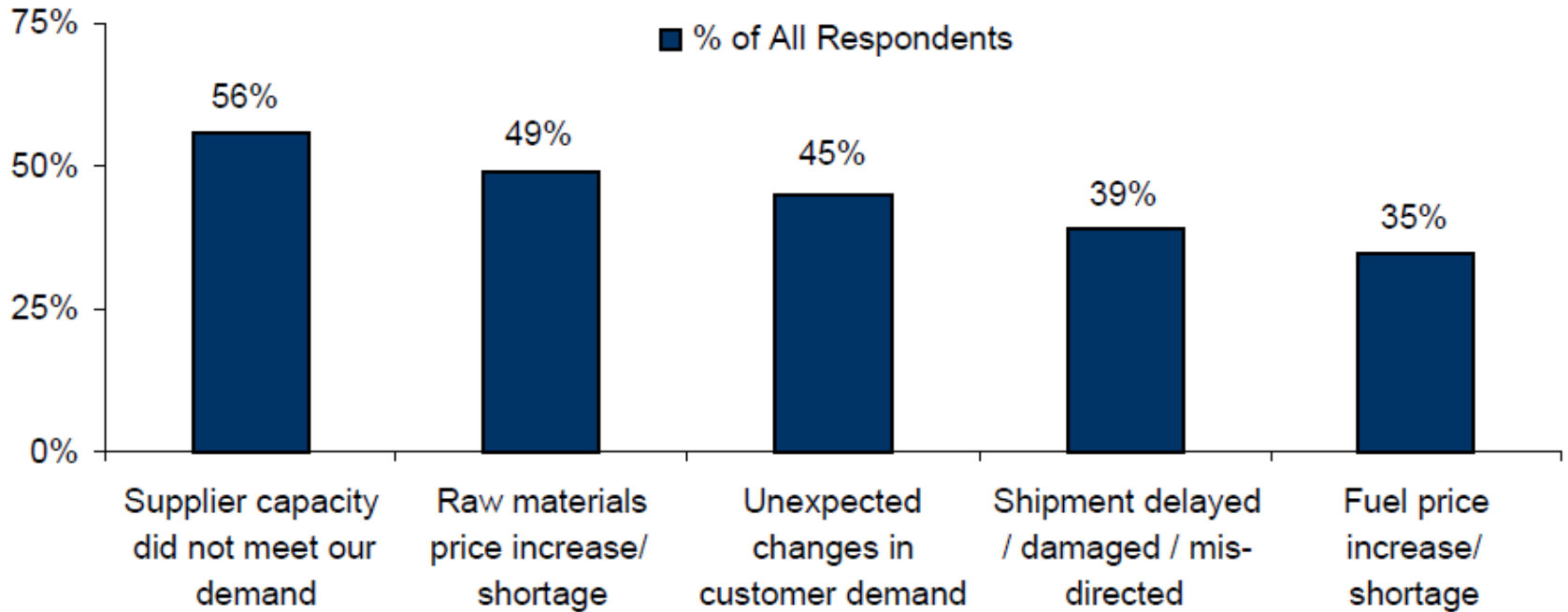
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Trends in supply chain management



Sourcemap (2015)



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Disruption events occurred in past 12 months

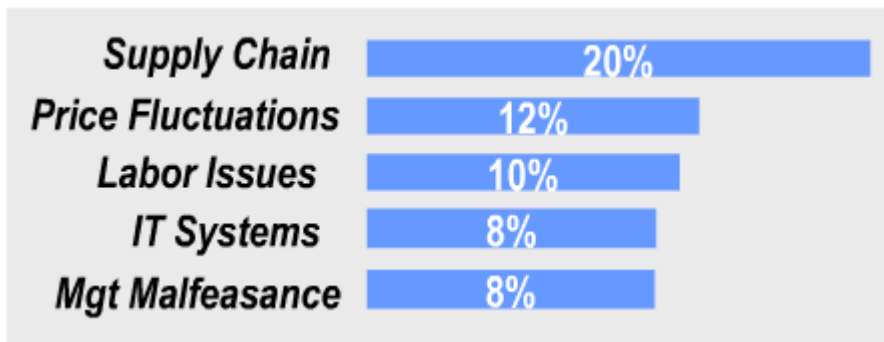


Aberdeen Group (2008)



The importance of risks and disruption control

58% of the surveyed companies had experienced financial losses due to supply chain disruptions over the past year.



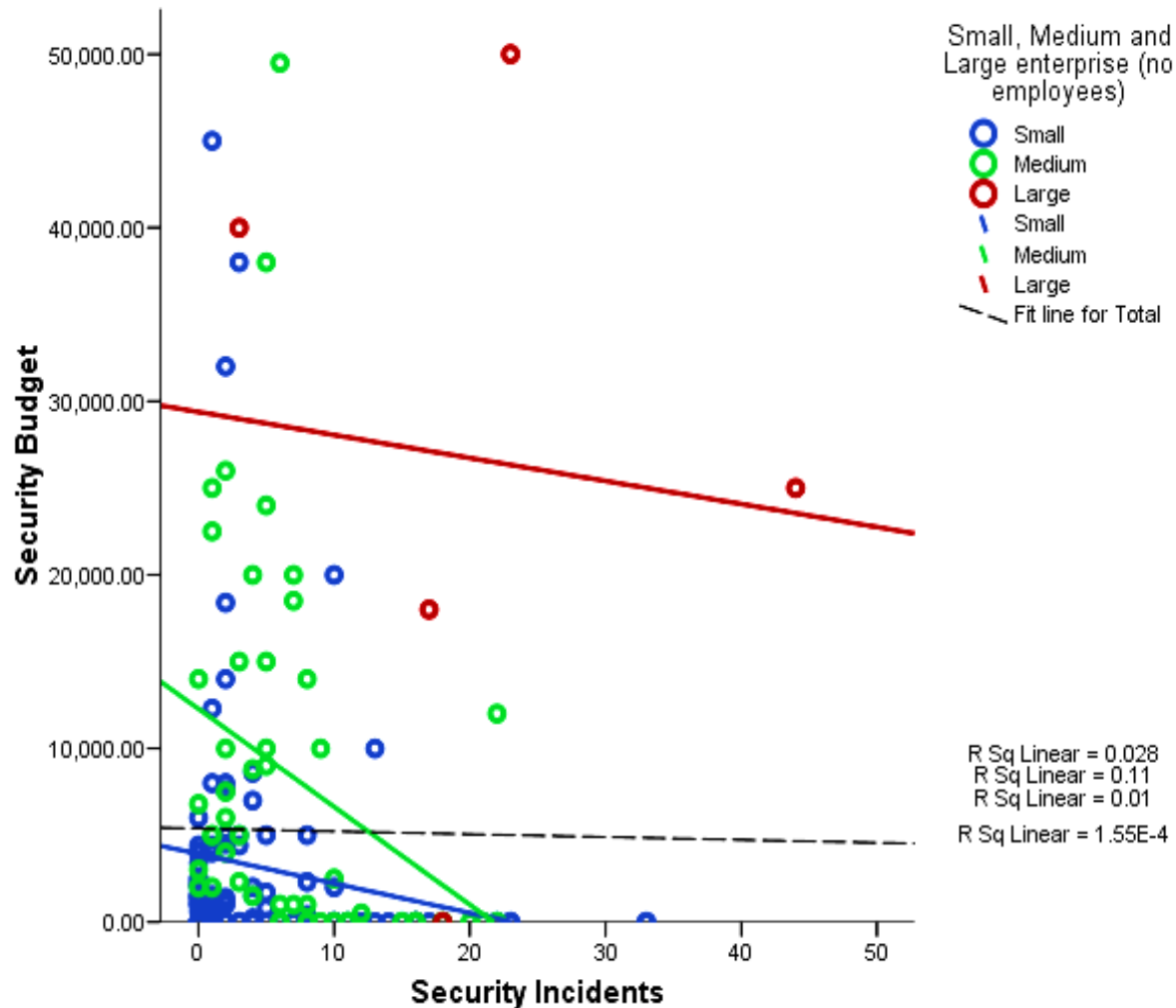
#1 Threat Factor To Revenue

Source: Managing Business Risk 2006 & Beyond, FM Global & Harris / USA Today, 2006 Survey 602 Global CFOs / Financial Executives

Only 12% reported to have a risk-resilient global supply chain!



Managing transport security risks?



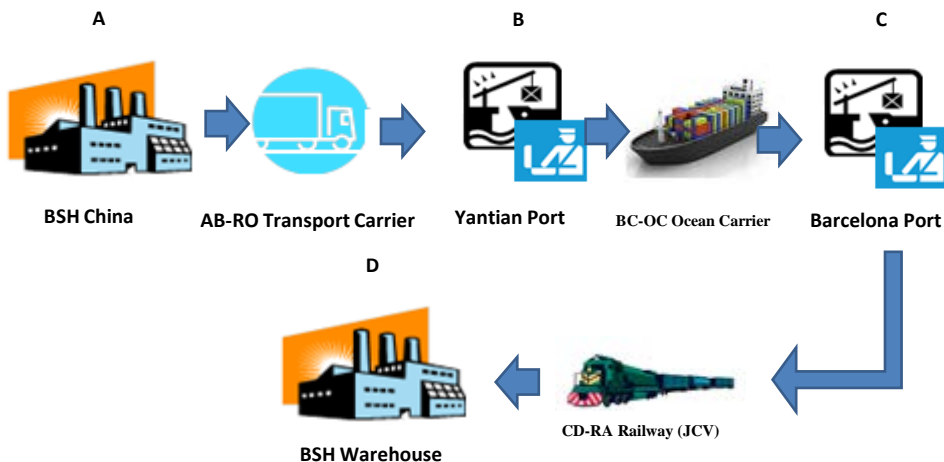
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Usage of advanced information exchange systems

- B2B Information Exchange
 - How much inventory should be kept in stock/pipeline
 - Increase/decrease production rates
 - Demand planning
 - Liability/investigations
 - Security losses
- B2G Information Exchange
 - Permits
 - Licenses
 - Declarations
 - ...



BSH TRADE-LANE



Import Trade-lane:
 Port of Yantian – Zaragoza
 Warehouse

Involved Stakeholders:
 ZLC, BSH, ENIDE, PORTIC, MSC,
 Inlecom, TMZ, Sese, FOI, CLMS

Cargo:
 Containers with household
 appliances



Objectives

- The problem: BSH Electrodomesticos España experiences is that containers may be delayed or lost.
- This has major economic consequences:
 - Unsatisfied customer demand.
 - Market shares.
 - Re-planning of transport and sales activities.
- To establish a common IT platform where data is collected and reused to:
 - Simplify customs transit procedures.
 - Provide with more accurate ETAs



Expectations

- **PORTIC**
- Simplification of customs transit procedures
- INTRRA events
- **CORE**
- Situational awareness risk maps
- ALERTS/ETAs forecasts
- Dynamic risk mitigation tool



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Expected benefits

- To have platform/dashboard enabling monitoring of risks and optimizing recovery procedures.
- Enhance the ability to see trends and predict expected performance.
- Enable decision making based on a risk visibility tool (re-schedule, re-route, ramp up production etc.)
- Reduce lead time uncertainty.
- Improve predictability of ETAs.



On-going and upcoming activities

- **On-Going:**
 - IT system architecture specification:
 - Identification and collection of data elements
 - Development and upgrade of existing APIs
- Identifying relevant KPIs.
- **Upcoming:**
 - Initiate development and other necessary tasks in order to have a running pilot test by Jan/Feb 2016
 - Initiate preliminary data collection
 - Collect feedbacks from users (primarily BSH)



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Thanks!



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SCALE NETWORK

lurciuoli@zlc.edu.es

www.zlc.edu.es

