



The Growing Importance of Supply Chain Security

Richard Moser & Thomas Birchler

The New York Times

Abandoned on Los Angeles Train Tracks: Family Photos and Covid Tests

A Union Pacific rail hub in Lincoln Heights has increasingly become a target for thieves, who are leaving behind packages.



(US) New York Times, 20.01.2022.

i The stolen goods making their way into your supermarket basket due to the UK's £700m a year cargo crime boom

EXCLUSIVE

An i investigation has established how organised crime gangs across Britain are running a sophisticated operation stealing from HGVs and selling the goods back into the legitimate supply chain, with 'amazing' profit margins



(UK) iNews, 08.10.2022.

DER SPIEGEL

Wichtige Arzneimittel fehlen

Immer mehr Lieferengpässe bei Krebsmedikamenten

Die Gesellschaft für Hämatologie und Medizinische Onkologie beklagt, dass etwa Mittel gegen Brustkrebs knapp werden. Ein Arzt spricht von »Horror«, wenn sich deshalb die Prognose für Patienten verschlechtere.

09.01.2023, 16.53 Uhr



(DE) Spiegel, 09.01.2023.

NEWS

Secret documents found locked in cabinets sold in Australia

The government launched an urgent investigation into the loss of thousands of classified documents that were sold with two second-hand filing cabinets

(NZ) ABC News, 31.08.2018.

BUSINESS INSURANCE

International

The Swedish Club sees 270% jump in reefer container claims

(US) Business Insurance, 21.10.2022.



Piracy Experiences its Renaissance

8.200.000.000€¹

annual cost from cargo theft in Europe

26.000¹

annual attacks on trucks in Europe

\$15-30.000.000.000²

annual cost from cargo theft in USA

Top Countries for Cargo Theft 2022¹



Top Commodities Stolen 2022¹



16%
Food & Beverages



12%
Electronics



9%
Agriculture



9%
Automotive



8%
Fuel



30%
Facility



65%
In Transit



5%
Other

Modalities of Theft 2022¹



The Multi-Billion\$ Problem in Pharma Logistics

Causes for Damages of Temperature-Sensitive Pharmaceuticals²

\$15.000.000.000¹

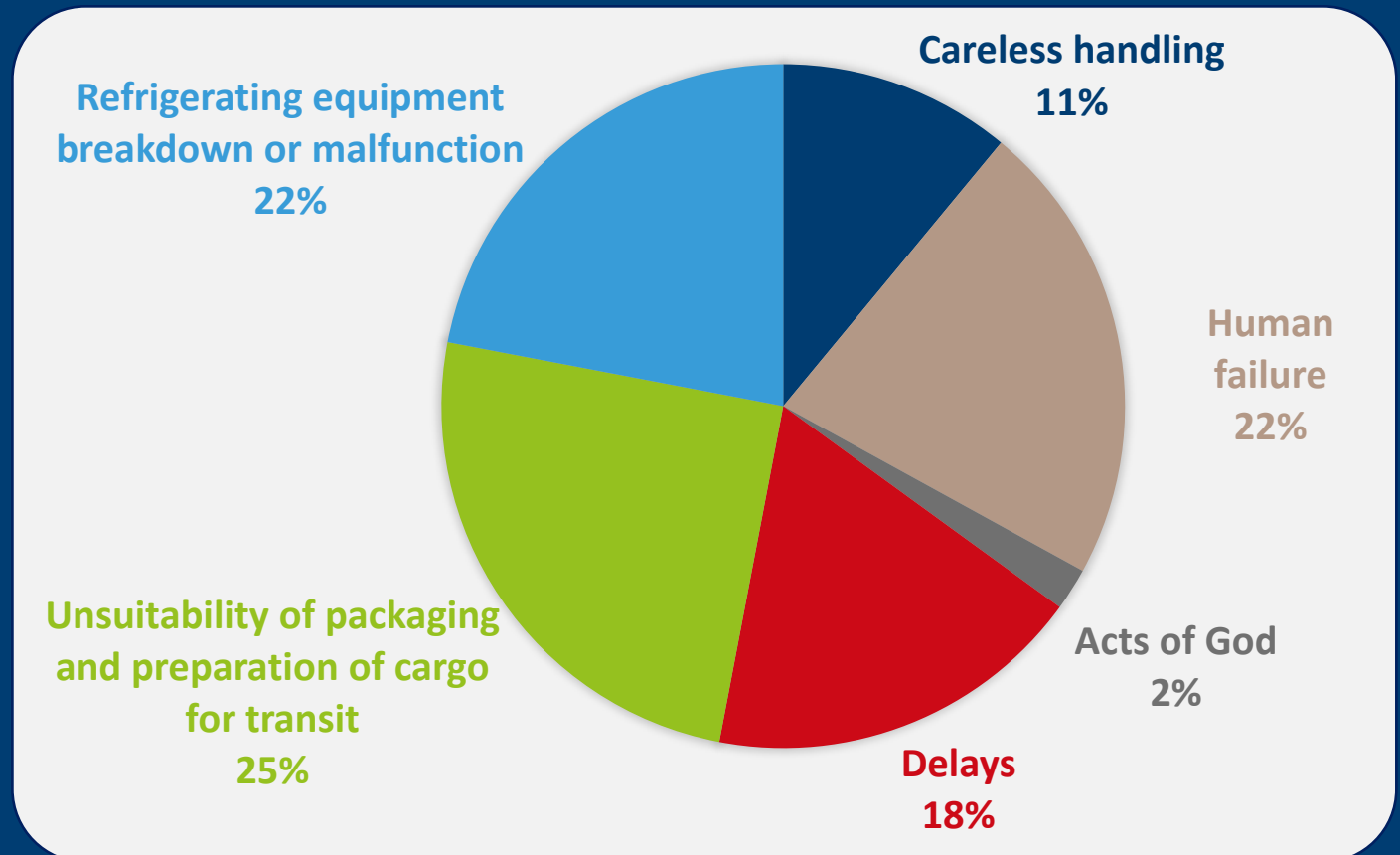
Direct cost on product damage

\$35.000.000.000¹

Indirect cost on product damage

20%¹

Damage ratio of temperature-sensitive pharmaceuticals



3 Measures to counter Cargo Theft & Freight Damage



Access Control



Smart Sensors



Lock/Seal

Where are the Challenges?

Traditional Access Control

- Known variables: Doors, Users, Mobile Devices
- Controlled Environment
- Already quite complex

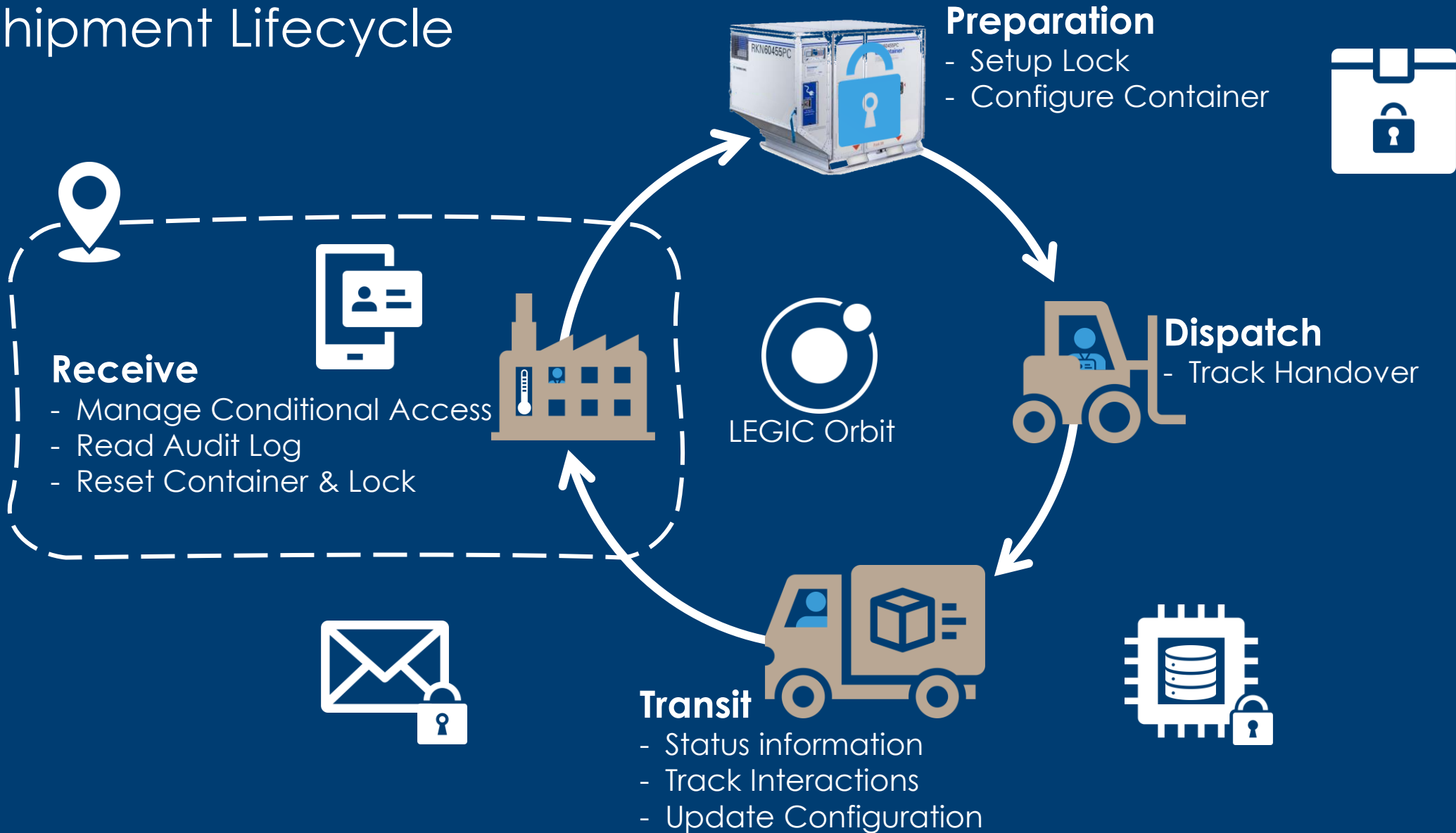
Logistics

- Many Players
- Many Solutions
- Many Stakeholders
- Versatile & Changing Ecosystem
- Difficult Environment



How can LEGIC add value?

Shipment Lifecycle



Focus Growth Markets of LEGIC

Document Shredding



Cold Chain Logistics



Cargo Security

