

Improving Security Through Visibility in Intermodal Transports

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INTEGRITY

- **Intermodal Global Door-to-door Container Supply Chain Visibility**
- **Duration: 06/2008 – 10/2011**



- **Funded by the European Commission, DG Research**

INTEGRITY

Academia & Technology Providers



Terminal and Transport Operators



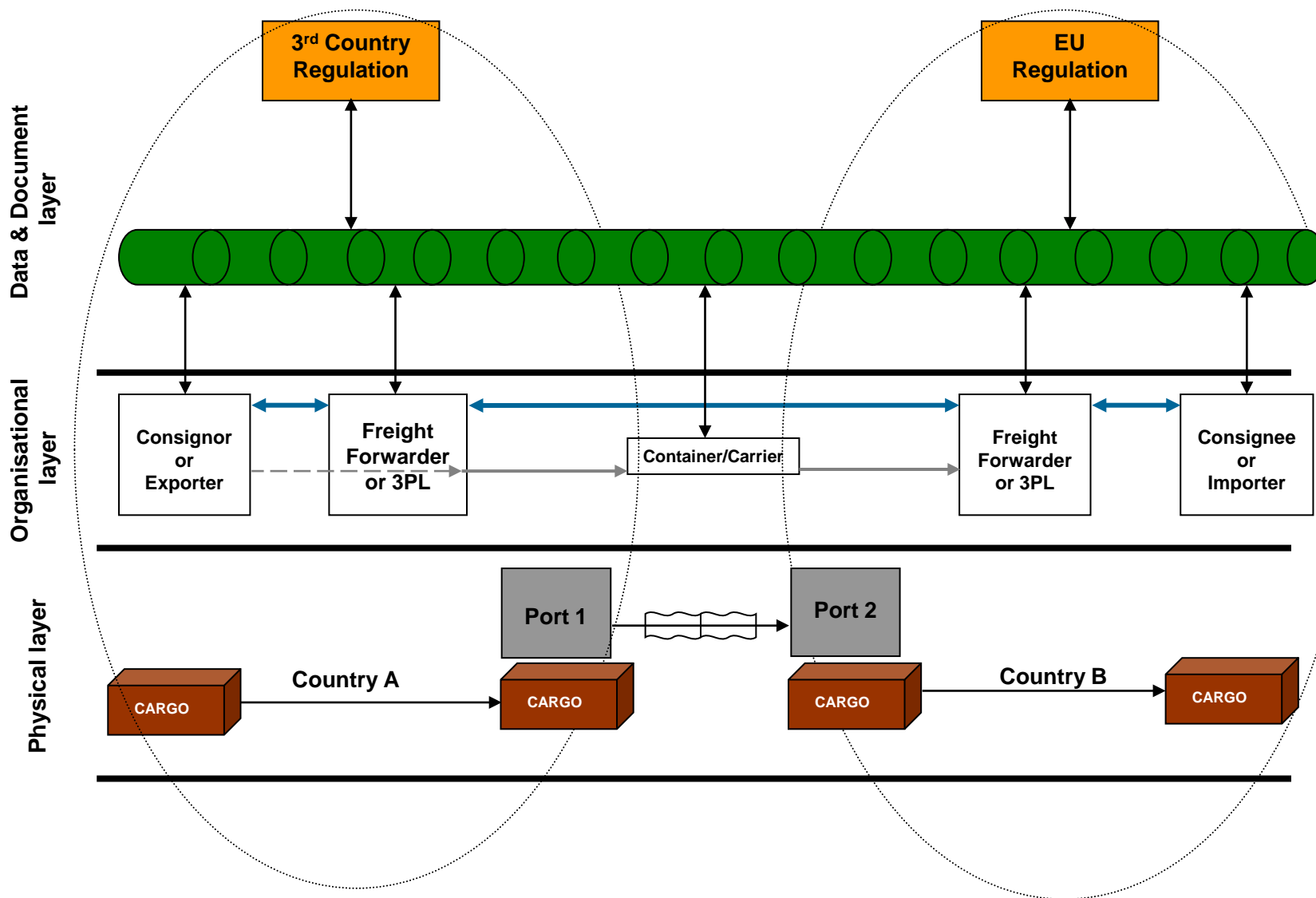
Logistics Providers & Shippers



Customs Authorities

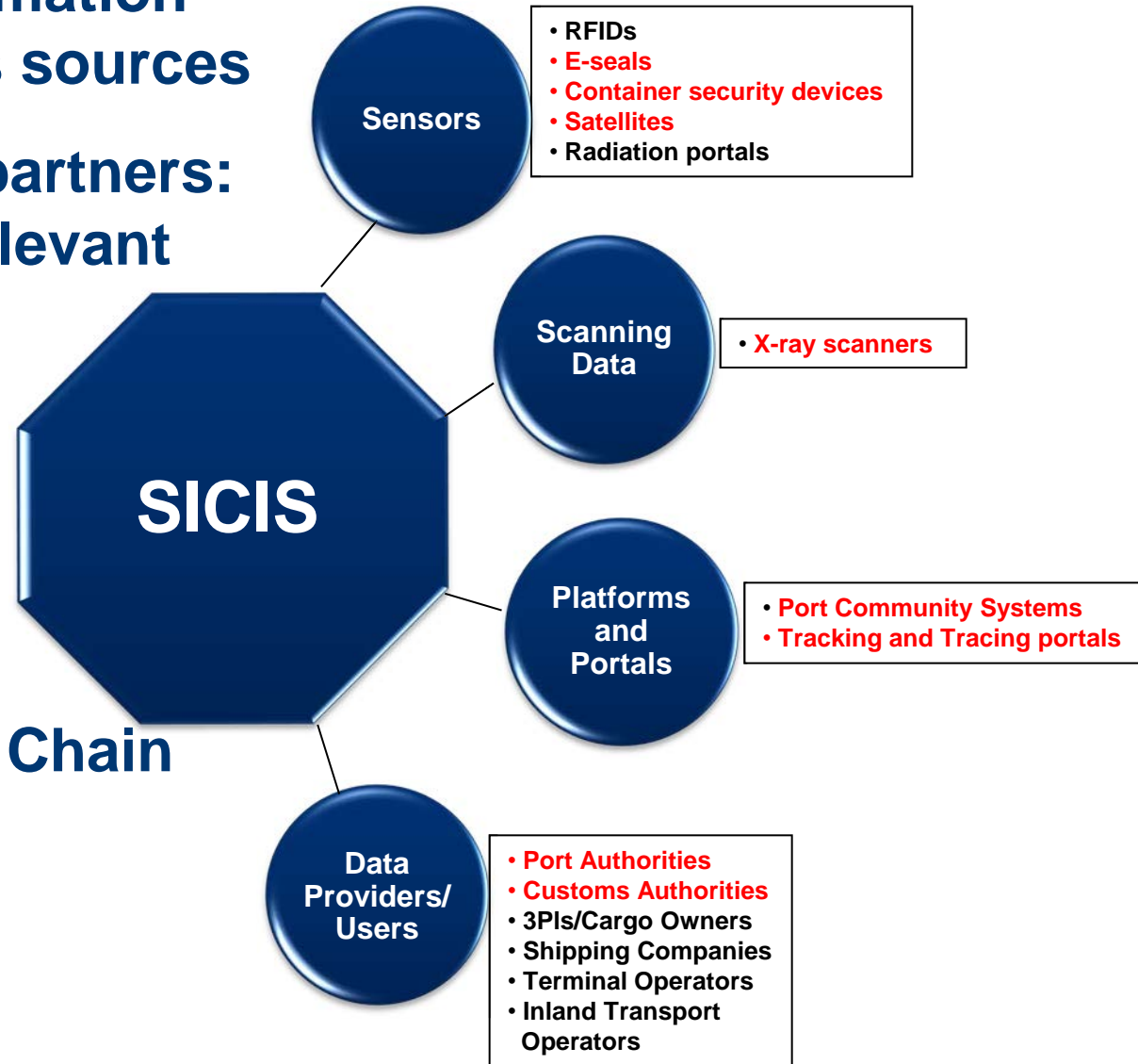


The vision: Data Pipeline



SICIS - Shared Intermodal Container Information System

- Collect information from various sources
- Authorised partners: Access to relevant information



- Aim: Supply Chain
 - Visibility
 - Security

INTEGRITY Demonstration

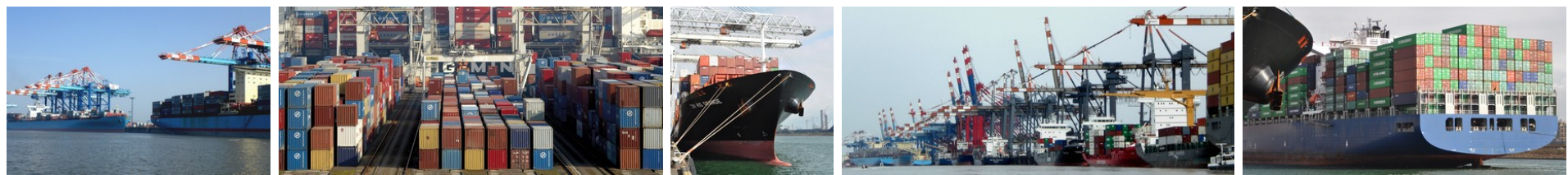
- Corridor: China to Europe
- 4600 containers without CSDs / eSeals
- 400 containers with CSDs / eSeals (different providers)



- CSDs: High data quality, but cost benefit has to be analysed
- SICIS is no way dependent on CSDs/eSeals

INTEGRITY - Key points

- SICIS: Monitoring data from various sources
- Improving the visibility and security of supply chains
- 5000 tracked containers with / without CSDs
- Cross Benefit analysis tool for usage of SICIS for Customs and Business
- Serves both Business and Customs



CASSANDRA

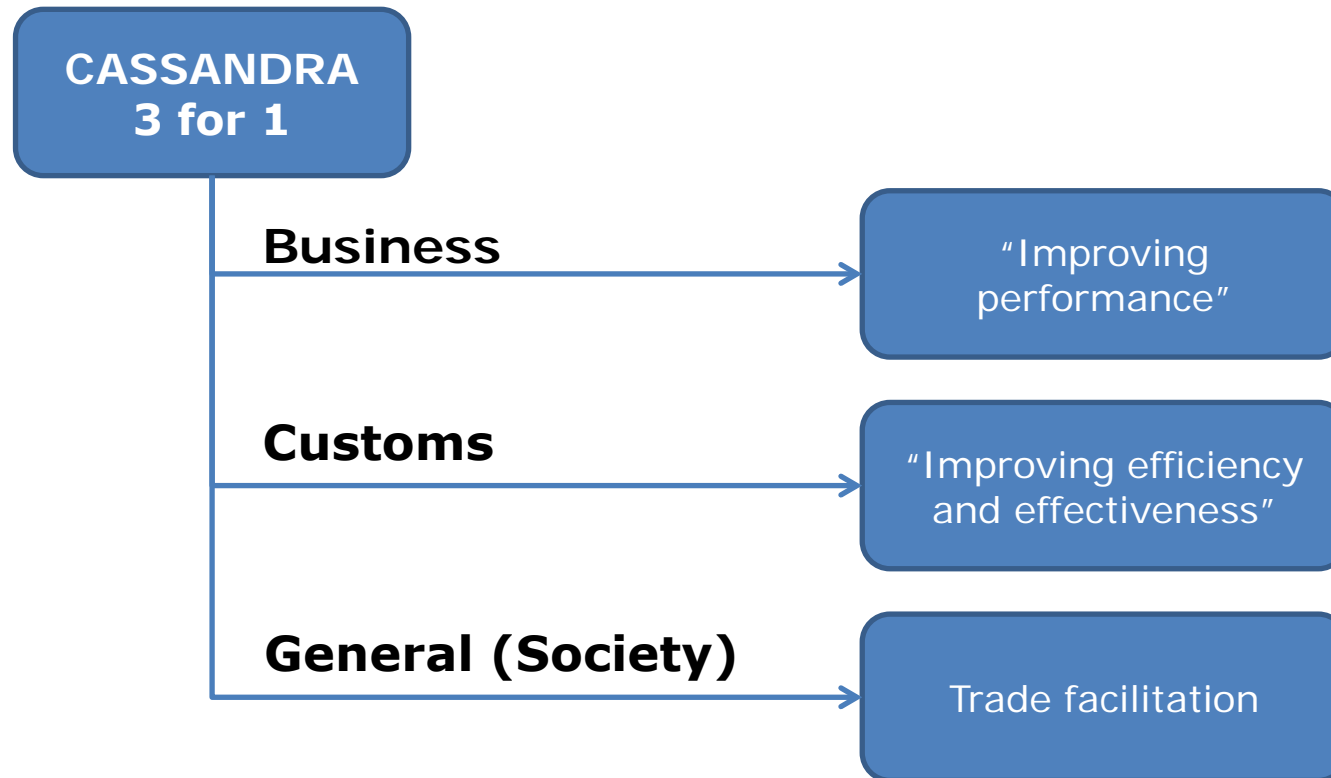
IMPROVING SECURITY THROUGH VISIBILITY

Common assessment and analysis of risk in
global supply chains





- CASSANDRA's goal is to deliver 3 stakeholder benefits for the price of 1





- ... by developing a data-sharing concept following the data pipeline vision
&
- ... by introducing a new approach for risk assessment

- Demonstration of the solution
- Consensus building



- In a Living Lab, innovations are tested in a real world setting
 - CASSANDRA solution (both data-sharing & risk assessment) is tested in 3 labs:
 - Asia → Europe
 - Europe → US
 - Africa → Europe
- Each lab holds more trade lanes in which actual stakeholders participate*

Thank you for your attention



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