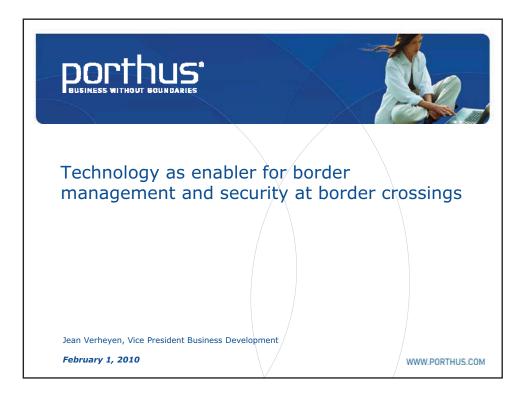
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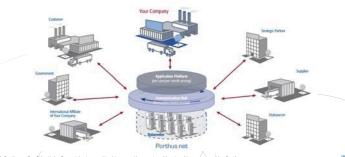
Agenda Porthus Company Challenges public sector Challenges private sector Customs answer to challenging environment Technology & process optimisation SMART-CM Project STRATMOS Project Porthus' technology/service offering Recommendations

About Porthus



What we do

- Porthus is an OnDemand IT solution provider, enabling organizations to manage complex business processes across company boundaries.
- Porthus leverages innovative technologies and solutions to enable its customers to interact and conduct business with their clients, employees, public authorities and business partners in a reliable, cost-effective and secure way.



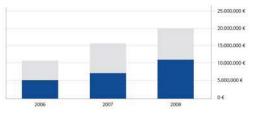
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Porthus Profile



- Founded in 1999
- Offices in Belgium, the Netherlands and Slovakia
- Consistent track record of profitable revenue growth

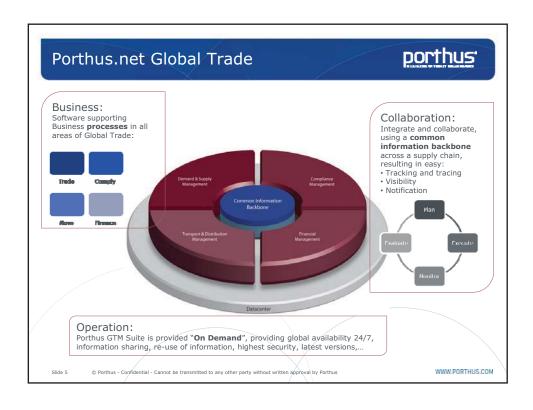


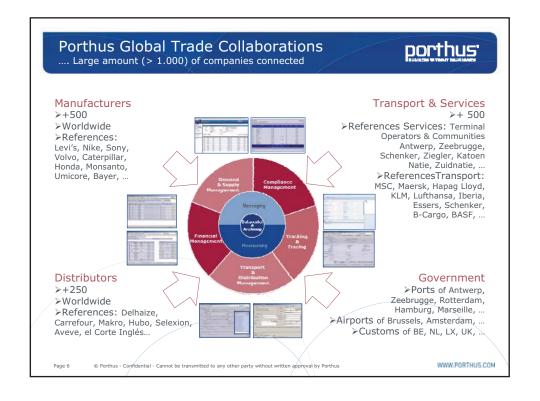
- Solid business model based on recurring revenue
- Messages: 1.000.000/month
- Porthus currently employs 170+ people
- IPO on Alternext in October 2006
- 1000 market leading customers including DHL, MSC, Unilever, Puratos and Huntsman

Net revenue
Recurring revenues

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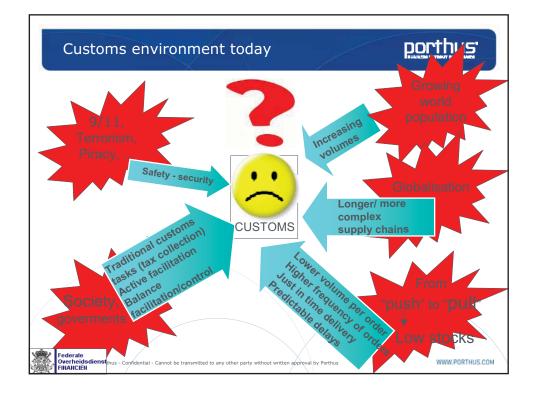


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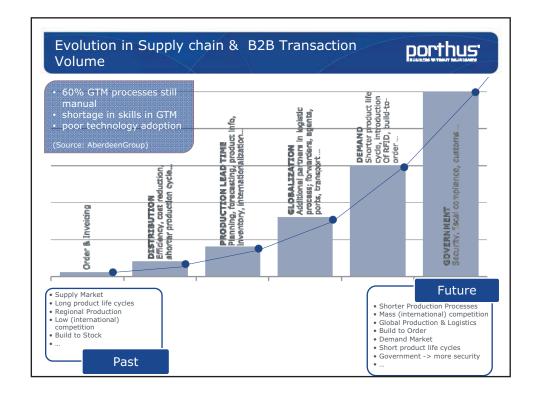
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Concerns of Global Supply Chain Executives

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- Lack of critical supply chain process visibility
- Uncoordinated multi-tier supply chain process
- Loss of operational control & difficulty managing third-party providers
- Ability to effectively manage growing operations and distribution networks
- Rising logistics costs
- Longer lead time and lead time variability
- Customs and other regulatory requirements and costs

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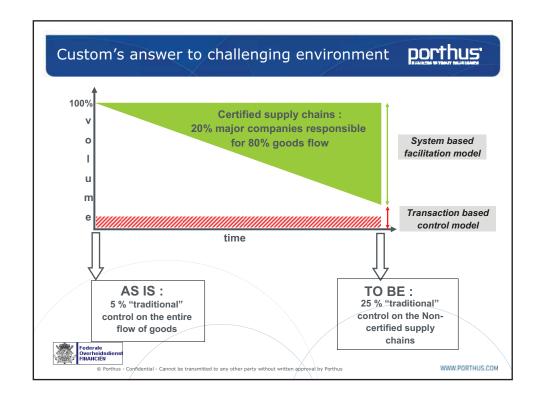


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porthus' Custom's answer to challenging environment Today's organisational model •REACTIF CONTROLS Transaction-based **•BASED ON DISTRUST** CONTROL model Change to •Tomorrow's organisational model System-based PRO ACTIVE **•BASED ON CONFIDENCE** FACILITATION model CHALLENGE: RIGHT BALANCE: facilitation WWW.PORTHUS.COM



First step: Authorised Economic Operator

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New European Legal tool: Regulation 846/2005 and 1875/2006

Date of commencement: 01/01/2008

3 types of AEO:

AEO – Customs simplification

- Customs compliancy
- System of managing commercial/transport records
- Financial Solvency

AEO - Security

- Security & Safety standards

AEO – Customs simplification + Security

- Customs compliancy
- System of managing commercial/transport records
- Financial Solvency
- Security & Safety standards

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Second step: Secure Trade Lanes (STL)



How to build up a Secure Trade Lane?

AEO responsible for the entire supply chain

or

AEO cooperates only with other AEO's

or

AEO concludes contract only with safe partners



Goods inspected by shipper at point of loading and unloading

and

The integrity of the goods and the itinerary are monitored on line and in real time

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Second step: Secure Trade Lanes (STL)

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Benefits of a Secure Trade Lane

- Uninterrupted "door to door" supply chain is guaranteed green lanes
- Less theft and losses
- Less delays
- Better and reliable planning
- Faithfull customers
- Less security incidents
- Lower inspection costs for consignor/consignee
- More cooperation between consignor/consignee and other parties in supply chain
- Less criminality and vandalism

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Project 1: SMART Container Management

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A "Single Window" Platform enabling

Green Lane implementations



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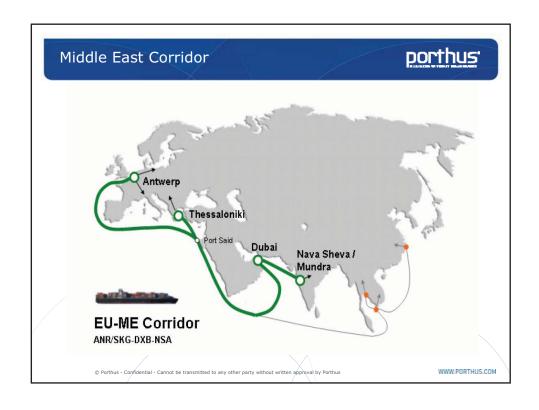
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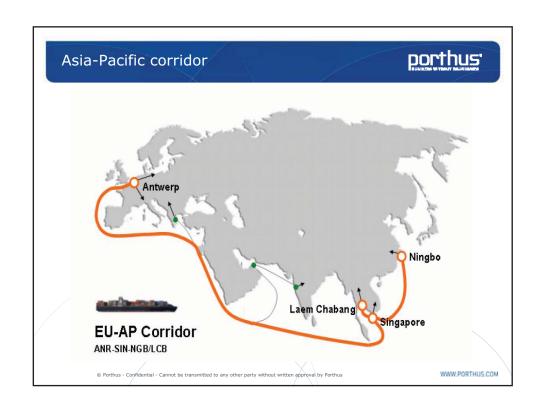
SMART-CM project

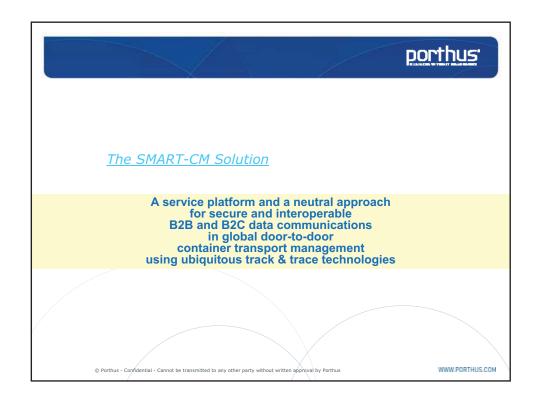
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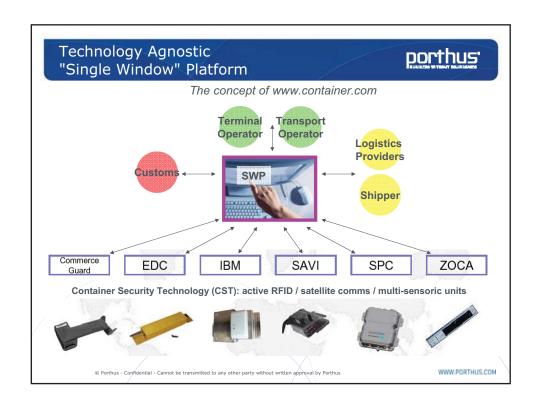
- European Research project, FP7 (Framework Programme 7)
- "Smart supply chain management in intermodal door-to-door container transport".
- Goal : Reduction of logistics costs
 - Maximisation of the efficiency, safety and security of the whole supply chain in global an European intermodal container shipment.
- Focus on integration of information technologies, logistics and inspections including customs procedures.
- Contract awarded to SMART CM consortium : Belgian & Greek Customs, with stakeholders such as : DHL, Kühne & Nagel, Porthus, Cosco, DP World, PSA, Universities of Thessaloniki, Rome, VIL, Port Authorities Antwerp, Ningbo, and many others
- Proposed solutions will be demonstrated in 2 demonstration corridors: - One Europe / Asia-Pacific corridor
 - One Europe/ Middle East corridor

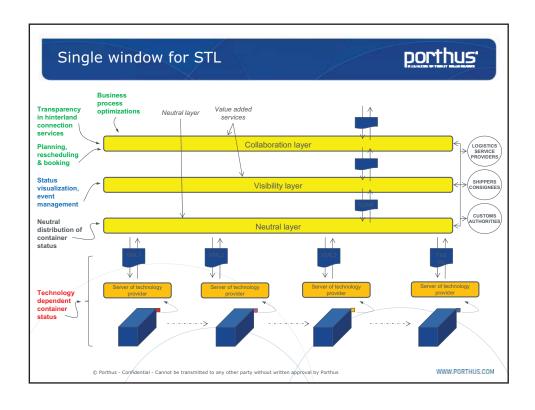
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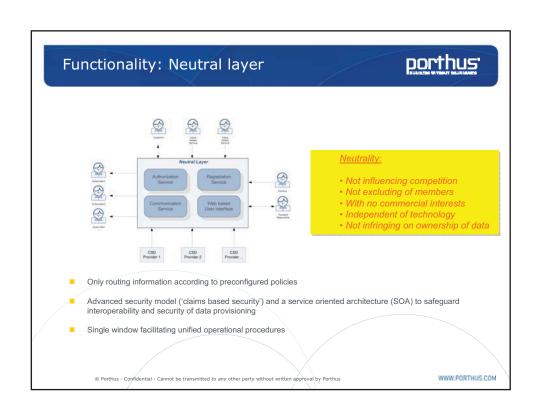












Customs' requirements supported Green Lanes implementation for Ocean Freight Container stuffed by Authorised Economic Operator (AEO) Container closed and secured with electronic seal against unauthorised access en route Data transfer to customs for advance risk based assessment of inbound containers Accelerated customs clearance (green lane) of 'safe' containers on arrival

Project 2: STRATMOS

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Interreg IVB NSR - StratMoS

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Demonstration Project 4 (DP4): Secured Trade Lanes in the North Continent – Russia Corridor

Meeting at the Federal Customs Service of the Russian Federation (FCS RF),

Moscow, 12th January 2010

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Objectives of demo project DP4

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- Trade lane from Flanders to Russia
- Public-private initiative to provide preannouncement of cargo import to Russian customs authorities
- Achieve facilitation for quicker release of container from St. Petersburg terminal for transport into the hinterland

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What are the requirements?



Requirements of customs authorities

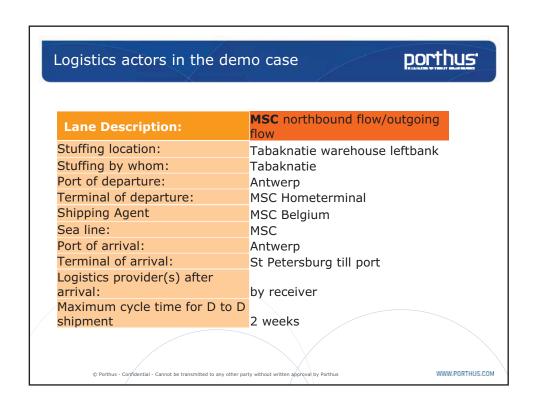
- •Container integrity status based on CSD, using the standardized SDMF format
- Details of cargo within the container through pre-announcement to Russian customs

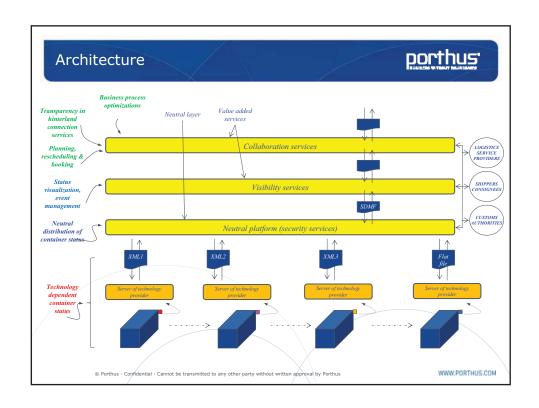
Requirements of the logistics industry

•Transparency & visibility & predictability in the end-to-end logistics process Exception/event management

(SDMF = Security Data Message Format)

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Added value porthus

 Utilization of the single window for container status information, supporting unified operational procedures

- Provide customs authorities with advance information to allow them to take a release decision for a container from the terminal in St. Petersburg
- Use of container status information (if possible combined with other data sources) to provide visibility in the logistics chain

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Current status



- Technology platform is finalized and ready to go, with some small adjustments to be done based on final process descriptions
 - To be discussed with Russian customs authorities how the preannouncement of cargo to be imported can be supplied
- Test containers ready to be started but pending approval by Russian customs authorities:
 - FCS RF decision on the customs procedures applying to the CSD ('Treaty of Istanbul')
 - Presence of CSD on container should not create bottleneck on terminal for local customs authorities ('Treaty of Istanbul', or temporary import)
 - FCS RF agreement on control procedures
 - CSD and pre-announcement of cargo details (based on export declaration from Belgium) should then generate quicker throughput of container

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Customs Complexity





• Different systems per Member State:

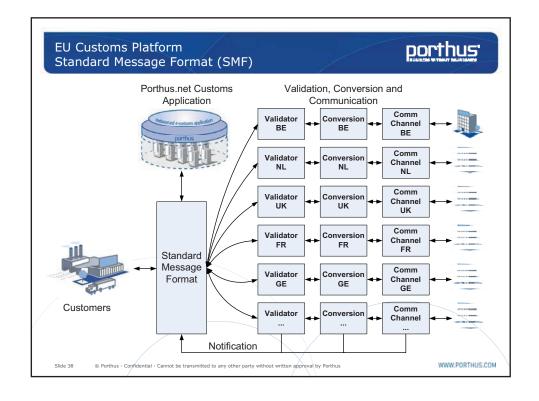
Belgium	PLDA
France	Delta
Germany	ATLAS
The Netherlands	SAGITTA
United Kingdom	Chief

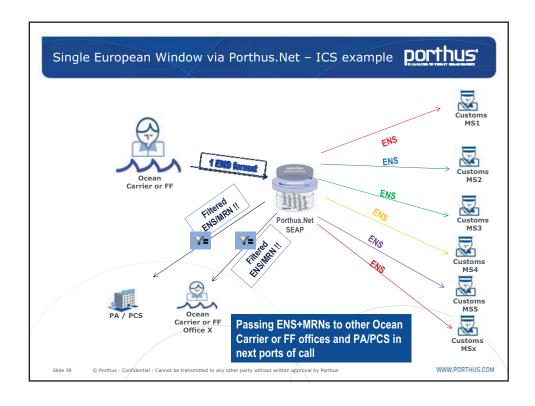
- However based on the same EU legislation (CDW):
 - Different Business Logic
 - Different Message Formats
 - Different Communication Protocols
 - Different Certification process

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Recommendation

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- •Reuse of information;
 - private sector as enabler
- •Reuse of technology and best practises;
 - Consultation between private sector & authorities; initiative OSCE possible?

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Questions? Side 42 © Porthus - Confidential - Cannot be transmitted to any other party without written approval by Porthus WWW.PORTHUS.COM