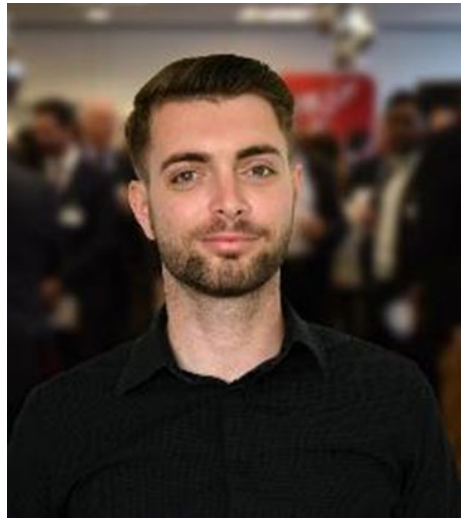
THAMES VALLEY CHAMBER OF COMMERCE GROUP

welcome!

International Trade in the Digital era – UK and EU perspectives

10th July 2024

Your host for today



Malin Geanovu

Business Development Manager – International Trade

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- **Plain paper Certificates of origin**

C of O's are now electronic

- **E-ATA Carnets**

E-ATA Carnets are now available for certain destinations

- **ICC Genesis**

Origin declarations verified online

International Trade in the Digital era – UK and EU perspectives

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Our speakers today:

Daniel O'Sullivan - Commercial Business Manager, Community Network Services Limited (CNS)

Lars Van Dijk - Business Solutions Architect/Analyst, Port of Antwerp-Bruges

International Trade in the Digital era – UK and EU perspectives 10/07/2024

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Who we are?

Single Trade Window

Digitilisation

CNS Recap Video

WHO WE ARE

INTRODUCTION TO CNS

CNS is 100% owned by the DP World Group

- Trade has never been more complex, more regulated or more competitive. For almost 40 years, Community Network Services (CNS) has been the partner of choice for the movement and clearance of goods through ports and across borders.
- We offer our services to the market on a neutral basis
- We are a team of 90 people based in Southampton, UK – commercial, product management, delivery, technical and support
- CNS is delivering new products and services on our global platforms and migrating current services to this new architecture
- We are an HMRC approved CSP provider of inventory linked community systems for the UK's ports and airports

HM Revenue & Customs

CSP's provide both Customs and approved premises operators with a key value-added service allowing both parties to fulfil their legal obligations to control the physical movement of goods within the border environment

HMRC CSP Service Definition Agreement

HM Revenue & Customs

Single Trade Window

Single Trade Window

CUSTOMS AUTHORITIES

TRADING COMMUNITIES

OTHER GOVT. AGENCIES

SINGLE ELECTRONIC WINDOW

Compass CNSI

Shipping Line

Terminal (including Border Control Post)

Freight forwarder

Rail operators

Hauliers

Customs agent

Port Community System

CDS

GVMS

Border Force AFTC

Local regulatory agencies, e.g. Border Force, Port Health

CNSI

INNOVATIVE PRODUCTS

- New UI
- Robust
- B2B connectivity

CNS PCS

CDMS

- Measures Wizard
- Error Resolution
- User Guidance
- EU Connectivity

CNSI

- Be compliant
- Avoid Fines
- Access FR, IE in one platform
- Clearance

S & S

BEEMS

- Automate pre-lodgement process
- Access, GVMS, IE & FR systems
- One unified dashboard

Digitalisation

Digitalisation

Barriers

- Legacy processes
- Costs
- Data Security
- Change

Ports

- Digital Automation
- End to End – Visibility, Control and Efficiency

- Infrastructure
- Improved Terminal Operating Systems
- Ai

CNS

CNS Compass

CNS Port Community System managing Temporary Storage sites

CNS CDMS

Customs Declaration Management Software

Expansion

Launching a Freight Management System

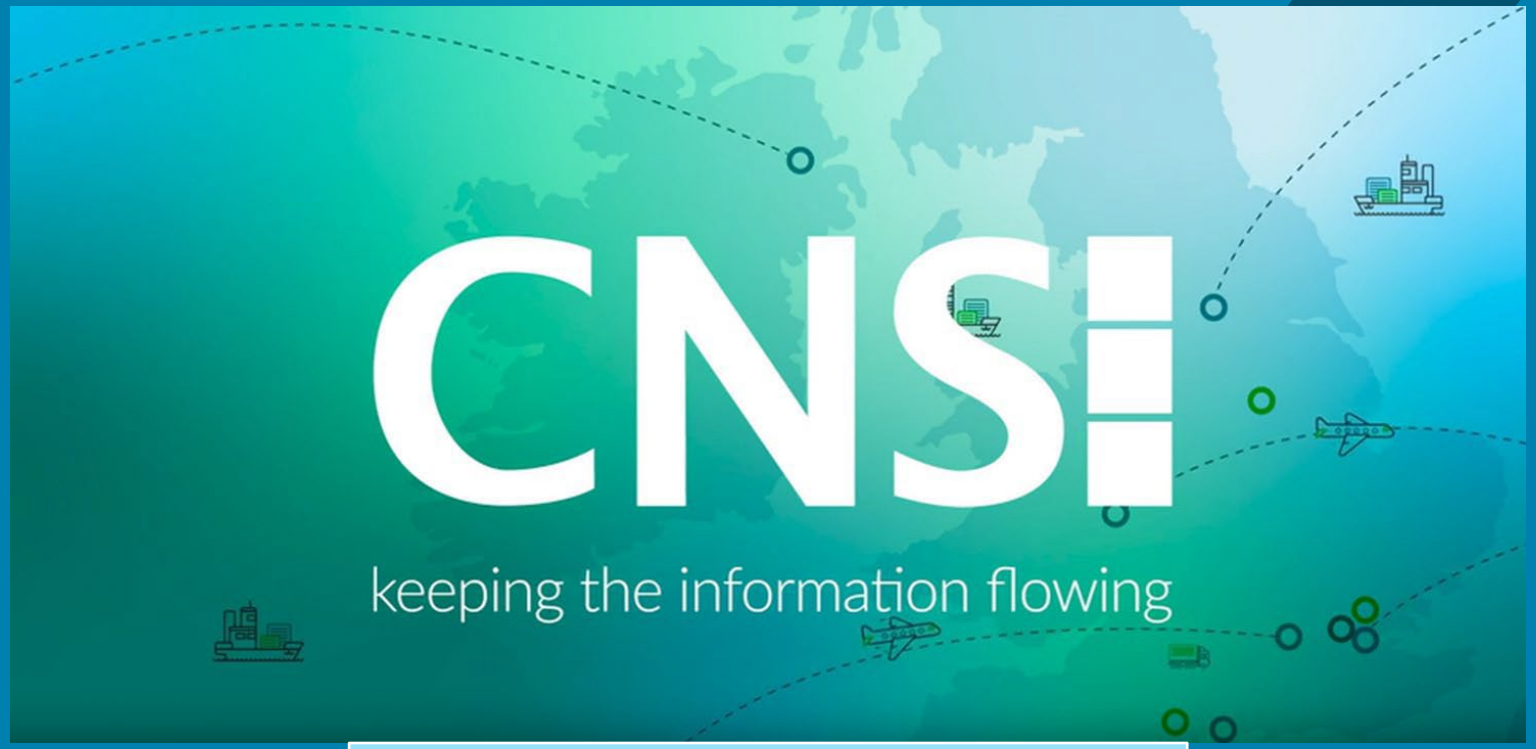
Vehicle Booking System (VBS)

CNS CEAPI

Container Enquiry API at DP World Ports

Security ISO27001

CNS RECAP VIDEO



PLAY

QUESTIONS ?

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Lars Van Dijk - Business Solutions Architect/Analyst, Port of Antwerp-Bruges

Gateway²Britain

April 2024

Gefinancierd door de Europese Unie

Port of Antwerp Bruges

In tune with the world

Lars van Dijk

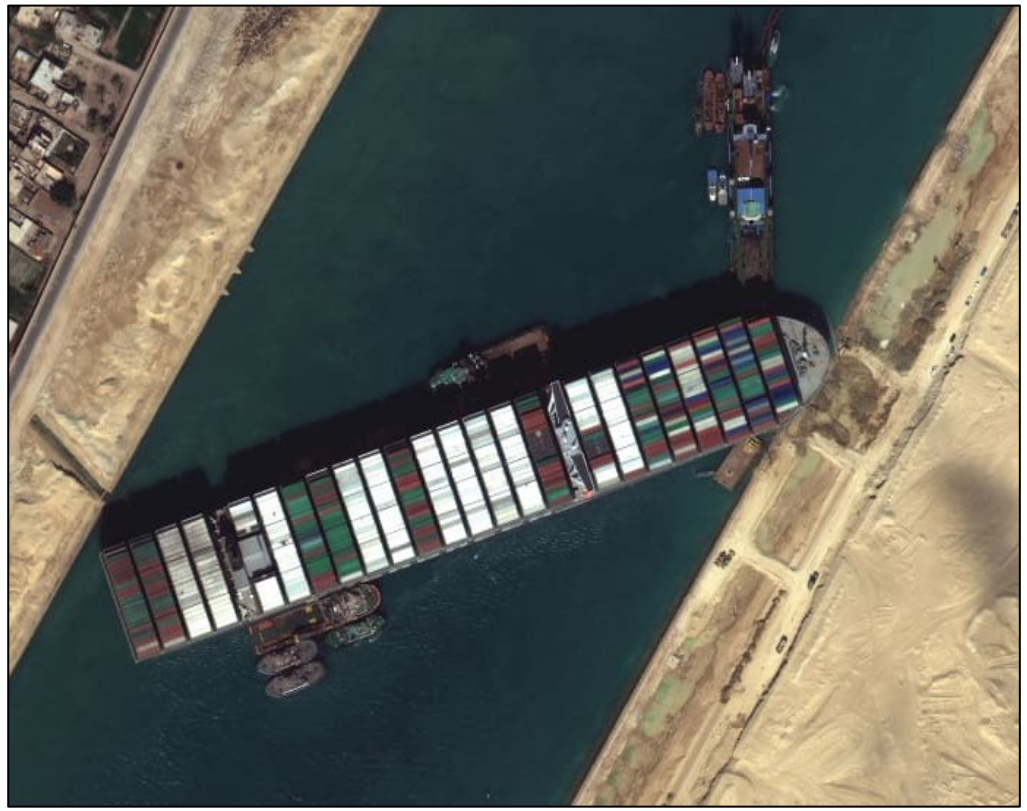
Program manager Gateway²Britain
Community Business Solution architect

Lars.vandijk@portofantwerpbruges.com

International trade

Real world challenges

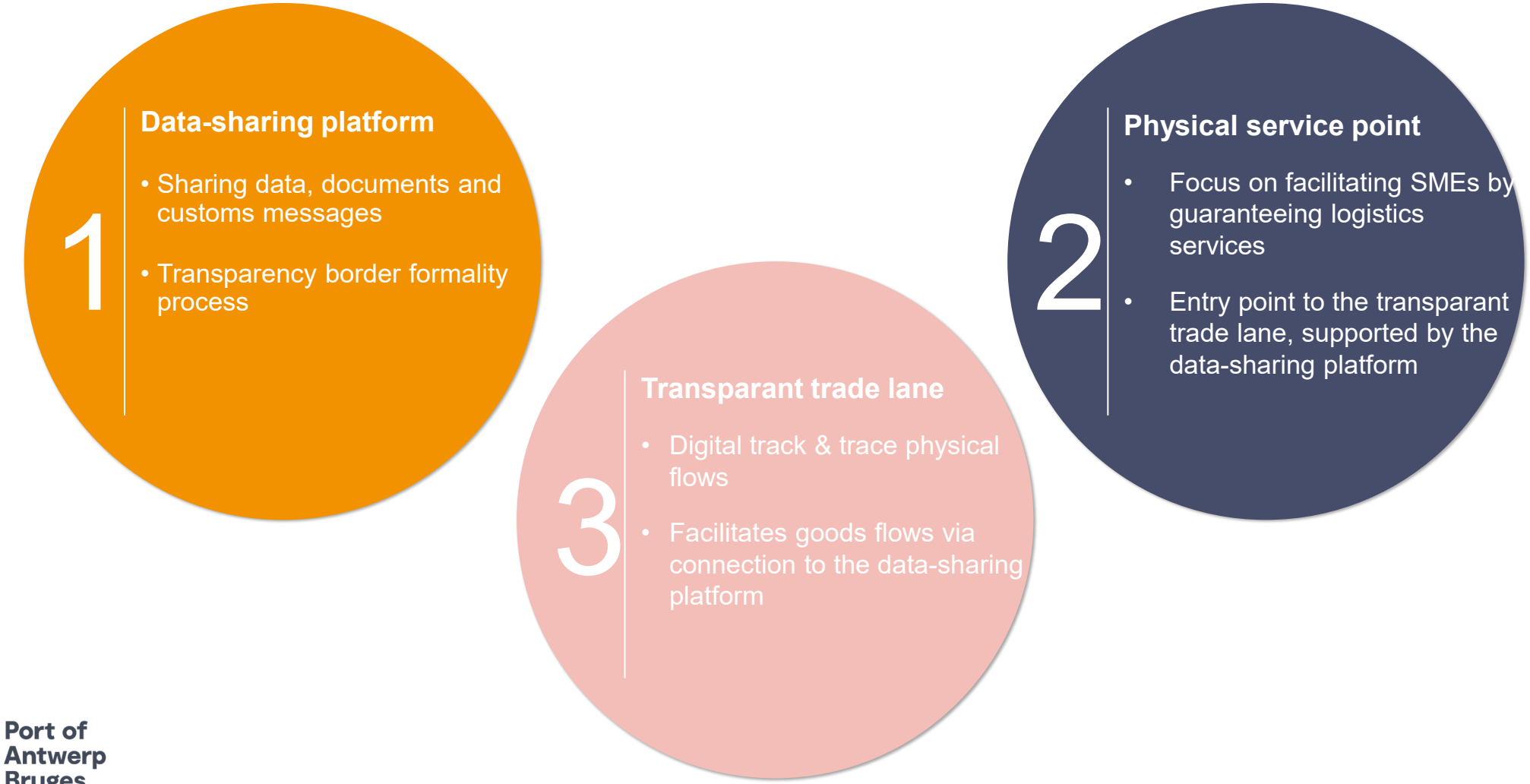
Daily mail, 22 December 2020



Maxar technologies, 27 march 2021

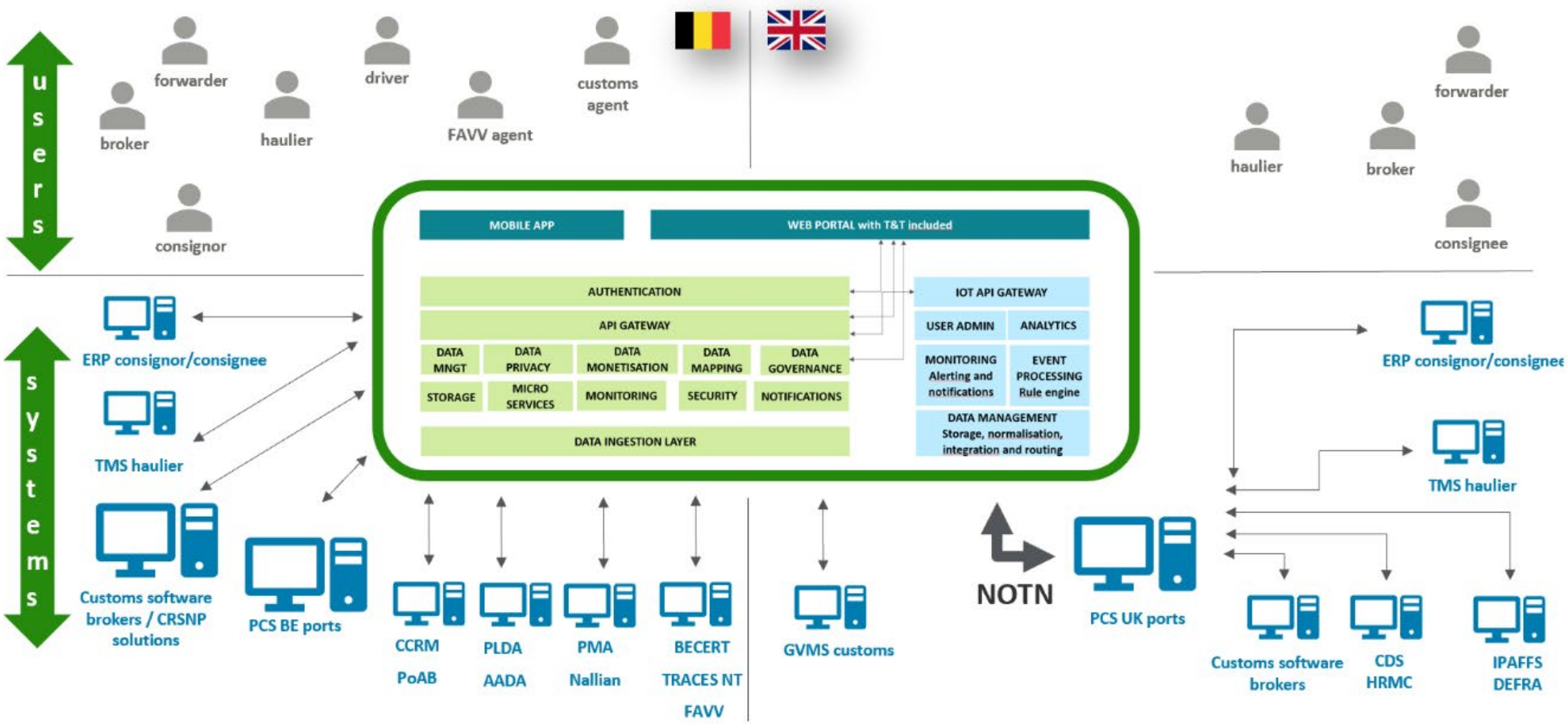
Port of Antwerp Bruges

*The Gateway²Britain concept can be divided into **three pillars**.*



Port of Antwerp Bruges

Stakeholders in trade

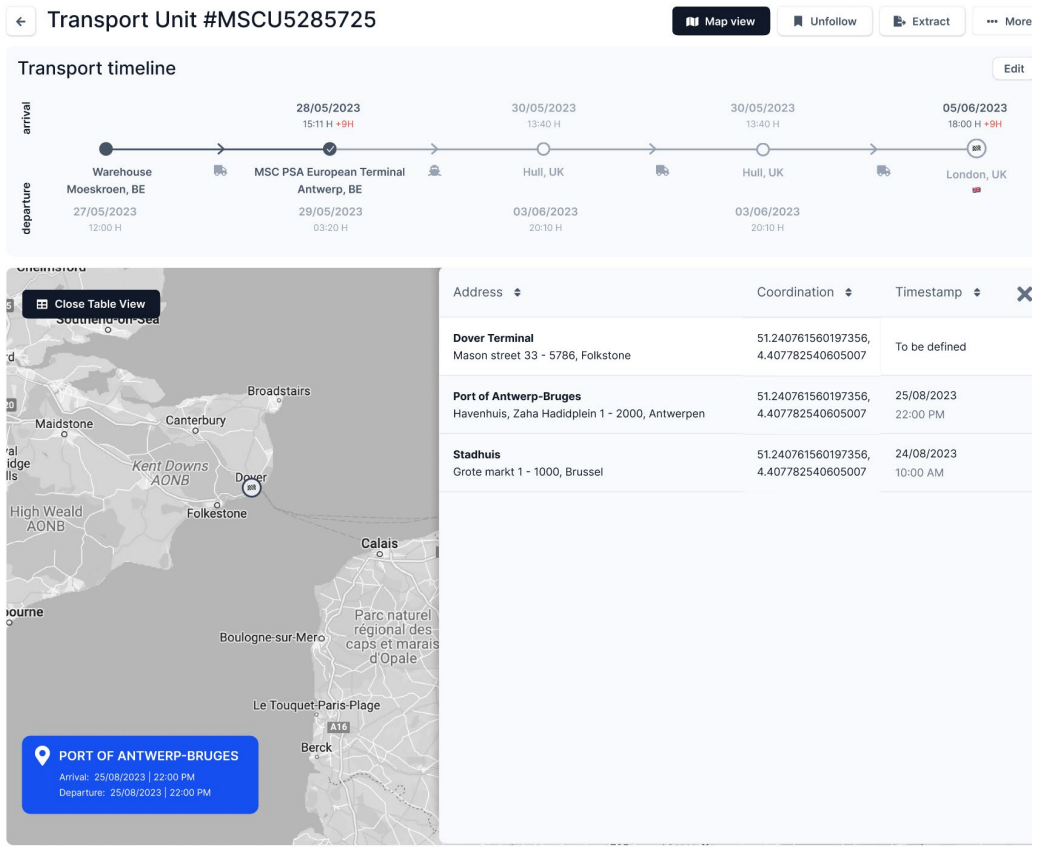


Port of Antwerp Bruges

Data sharing platform

The goals

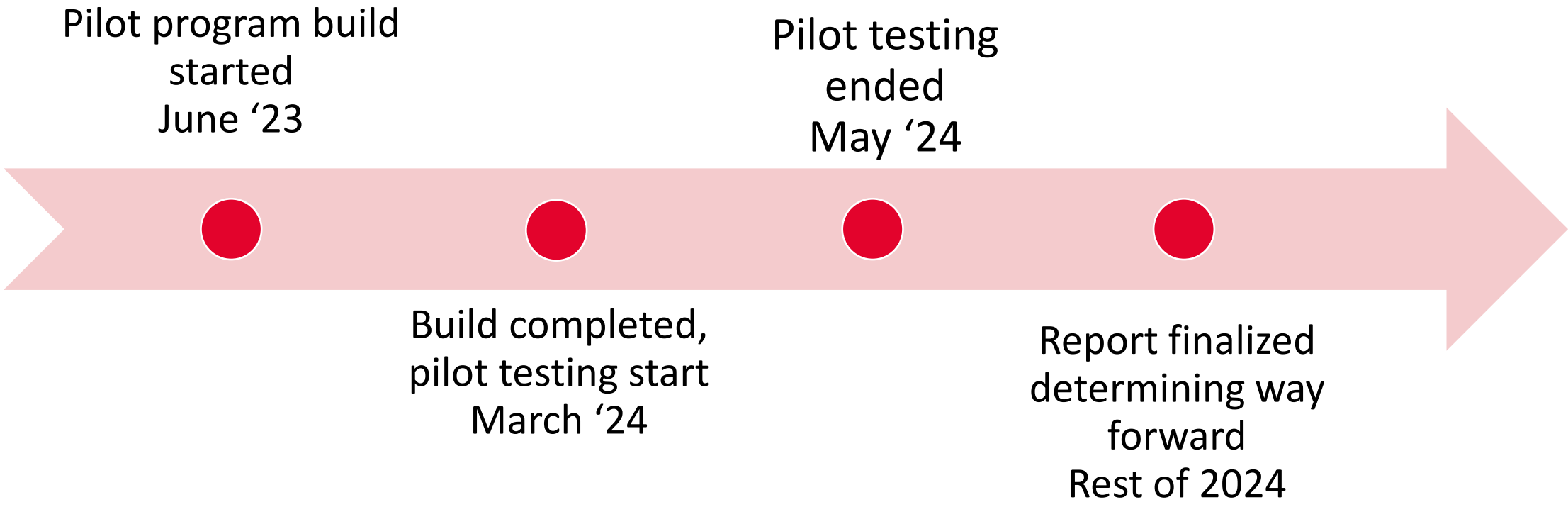
- Connect all parties in the chain
  - Facilitate dataflows
  - Reduce manual communication
  - Efficient i/o chain
- E2E visibility
  - Customs status import + export
  - Physical location & waypoint events
- Integration with other systems
- Security & integrity



Port of Antwerp Bruges

Timeline of the datasharing platform

Build phase (4)



Port of Antwerp Bruges

Positioning the platform

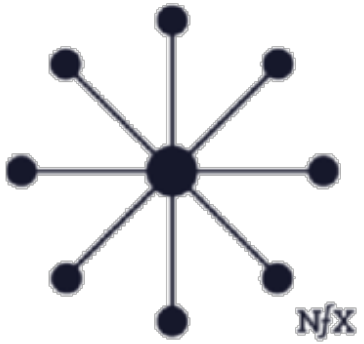
Making a viable product

- The platform is broad, not just a port community system.
- Multi port and full multimodal support
- Non-restrictive data architecture
- Web and API interfaces for all data in and out
- Building a truster (consortium) operator
- Cost neutral for POAB

Port of Antwerp Bruges

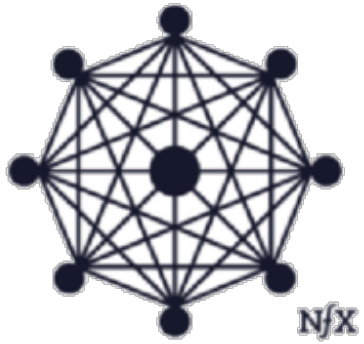
The value of a network increases with the increasing number of participants

Sarnoff's Law



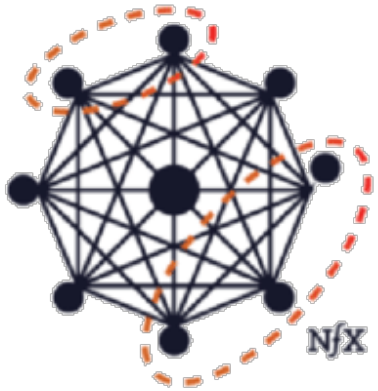
$V=n$

Metcalfe's Law



$V=n^2$

Reed's Law



$V=2^n$

Port of Antwerp Bruges

Gateway²Britain realisation

Why Port of Antwerp-Bruges?

1

Presence technological building blocks

- Port Community System
- NoTN
- Data sharing backbone

2

Port community builder

- Relationship with authorities (BE/UK customs, food authorities)
- Relationship with port stakeholders (shipping lines, terminal operators, brokers)

3

Strengthening competitive position Flanders

- Concretization of vision of “smart port”
- Bottom-up approach to align with Flanders’ vision wrt on how to make use of data space communities

Port of Antwerp Bruges

Questions?

Port of
Antwerp
Bruges

Have we missed any questions?

Upcoming events

Thank you

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