FREIGHT

"One-stop Administrative Shop or Single Window"

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Background and Context

- **UN Single Window Concept** (Recommendation 33)

- Initiatives at **International Level**

  - WCO, APEC, ASEAN

- **EU Level** Initiatives

  - **e-Customs** → Customs Single Windows (ICS/ECS) (Modernised Customs Code Programme)

  - **SafeSeaNet** → Maritime Transport Single Windows (VTM and Ship Formalities Directives)

  - e-Maritime, RIS, TAF/TSI, ITS…

White Paper

- *Roadmap to a Single European Transport Area – Towards a competitive and resource efficient transport system* (March 2011)

- Annex I: List of Initiatives
  – Initiative 7 – Multimodal transport of goods: e-Freight

Put in practice the concepts of 'single window' and 'one-stop administrative shop'
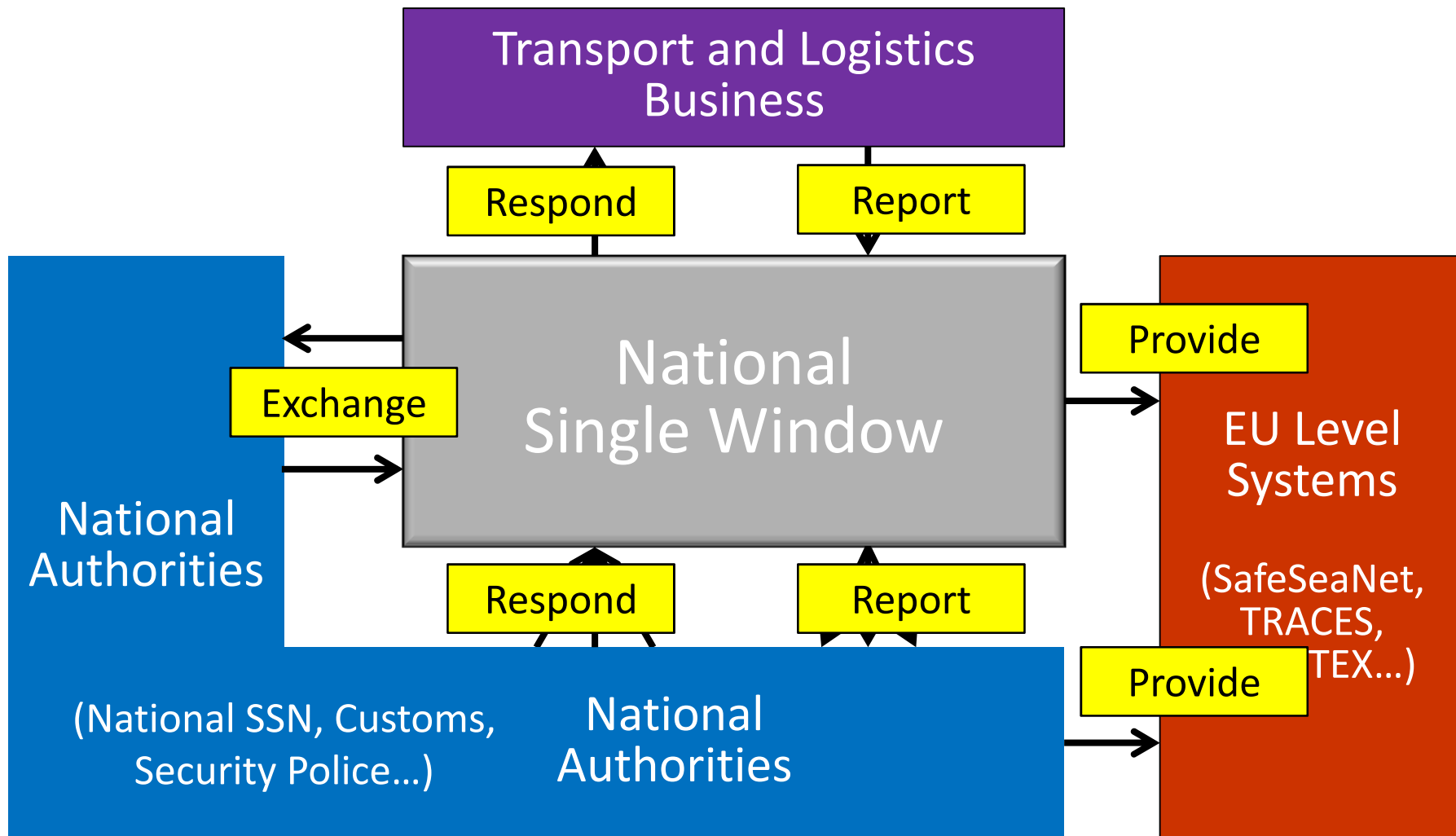
e-Freight Vision

1. Support implementation of all related **EU policies**

2. Facilitate and support **management of changes** in regulatory requirements and associated support applications

3. Provide a **common, standardised interface for reporting** all regulatory information, irrespective of mode or country

4. Facilitate **exchange** of regulatory information between Authorities and across modes

5. Increase **accessibility** of information and statistics, such as CO_2 footprint and other sustainability indicators

6. **Integrate** and **unify** existing 'Single Window' initiatives
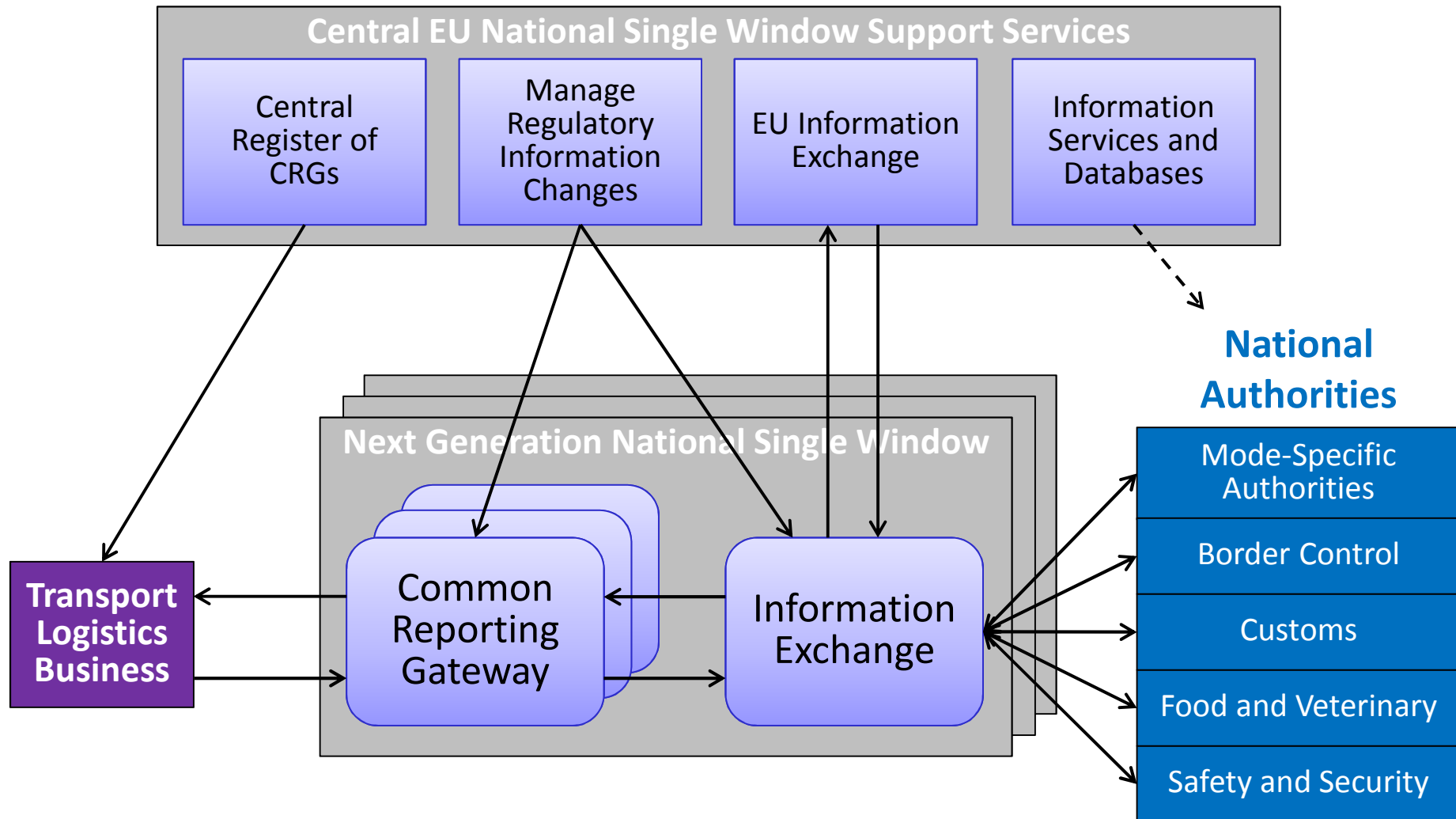
Design Principles

- **Information Flow**
  - submitted **once**,
  - at the **earliest opportunity**,
  - by the party **who has it first**
  - → available to parties "downstream" (subject to access rights)

- **Integration of existing systems**
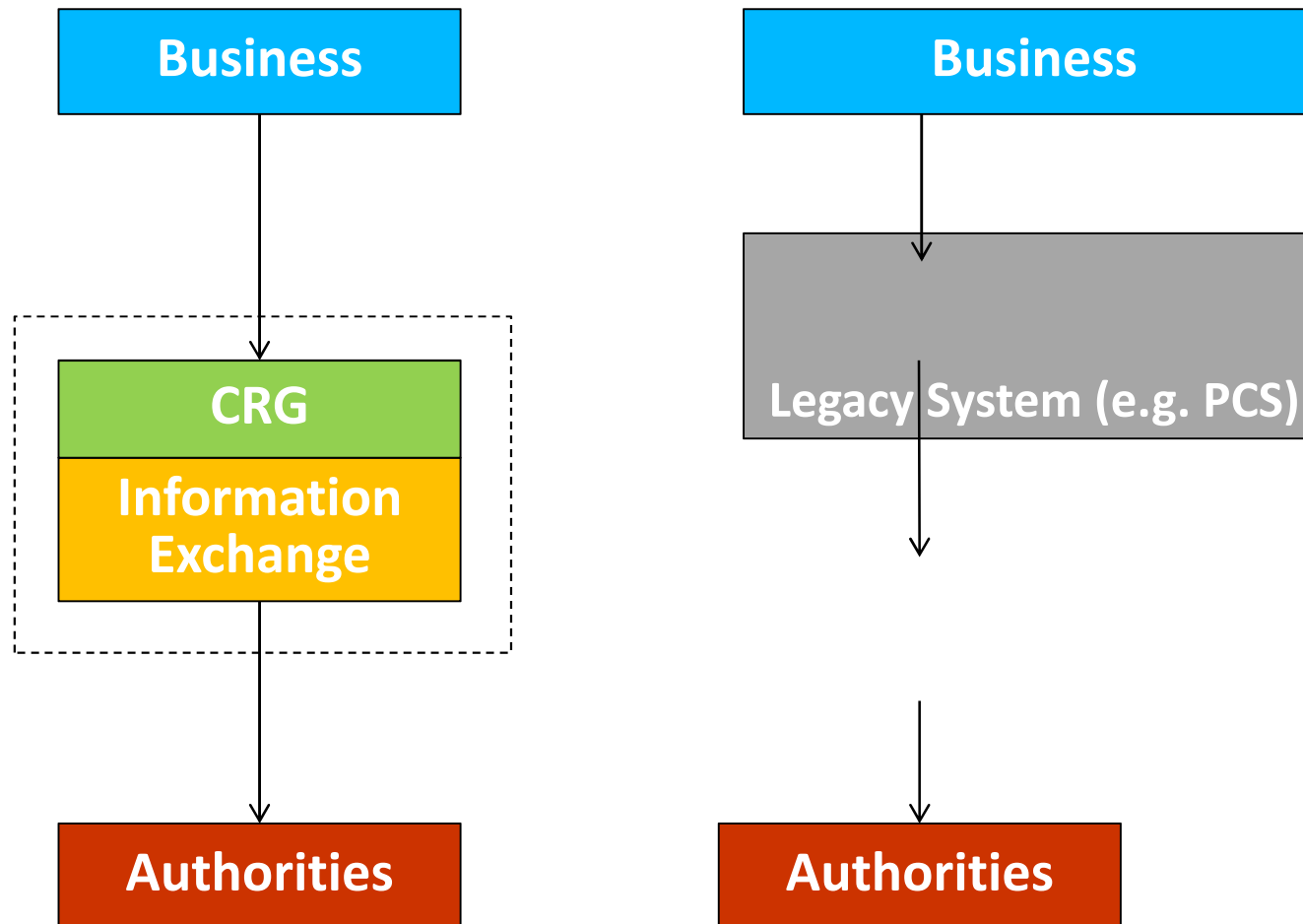 - connection and communication
  - co-operation

e-Freight Single Window Concept

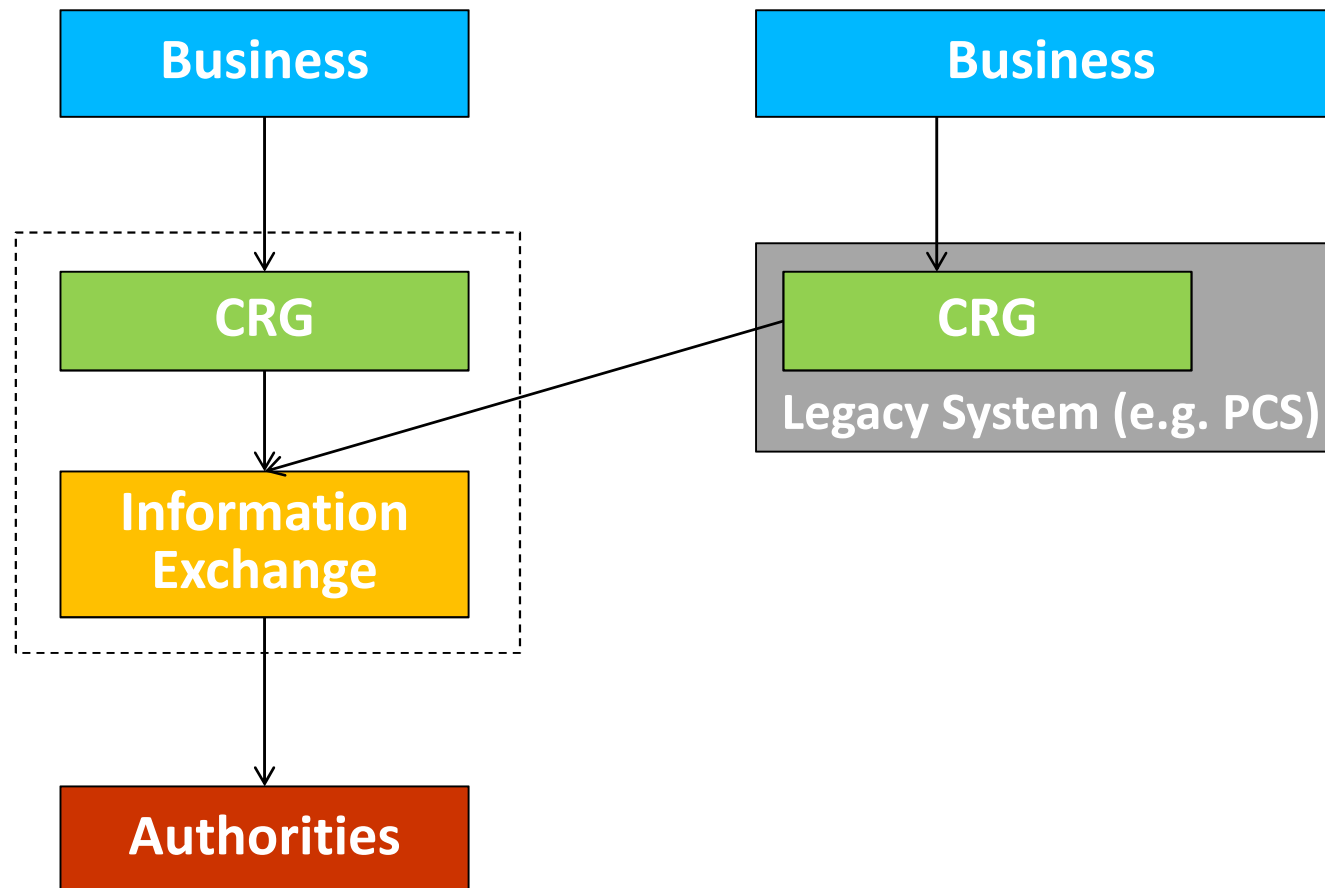**Transport and Logistics Business**

Respond

Report

National Single Window

National Authorities

Exchange

(National SSN, Customs, Security Police…)

National Authorities

Respond

Report

Provide

Provide

EU Level Systems

(SafeSeaNet, TRACES, TEX…)

e-Freight Single Window Concept

Central EU National Single Window Support Services

- Central Register of CRGs
- Manage Regulatory Information Changes
- EU Information Exchange
- Information Services and Databases

National Authorities

- Mode-Specific Authorities
- Border Control
- Customs
- Food and Veterinary
- Safety and Security

Next Generation National Single Window

- Common Reporting Gateway
- Information Exchange

Transport Logistics Business

Common Reporting Gateway Configurations

Business

Business

CRG

Information Exchange

Legacy System (e.g. PCS)

Authorities

Authorities

Common Reporting Gateway Configurations

Common Reporting Schema

- Single reporting document

- All information **necessary** and **sufficient** for reporting to Authorities
  - all Member States
  - all modes

- Standardised content and structure
  - interest from CEN in developing *CEN Technical Specification*

- Automatically generated from transport planning and operational systems

Common Reporting Schema

<u>Data model:</u>

- **Inherently compatible** with e-Freight Framework
  - UBL, UN/CEFACT (code lists)

- Structure and principles inspired by WCO **GOVCBR** message

✓ *Inherently interoperable with e-Freight*

✓ *Easy to map to existing systems with WCO model*

Common Reporting Schema

CRS

Common Reporting Package

Party — People / Who

Consignment — Cargo / What

- Shipment, Goods Item…

Transport Means — Vehicle / How

- Identifier, Driver…

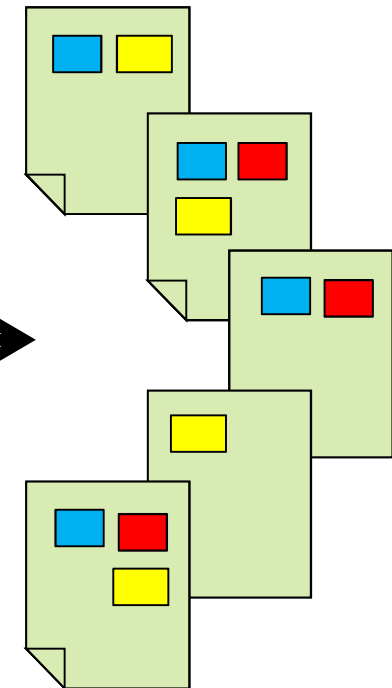Shipment Stage — When & Where / Times & Places

- Location, Period…

Reporting to Authorities
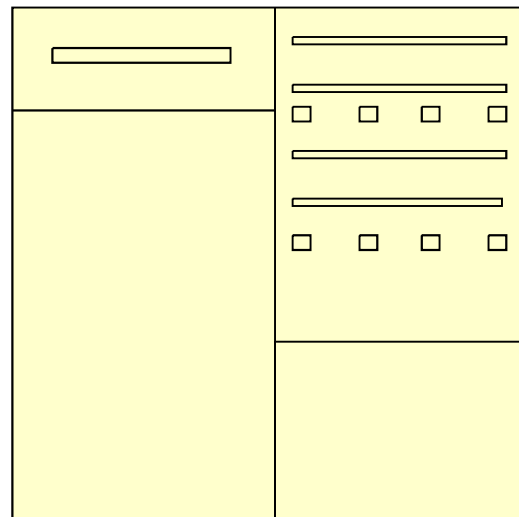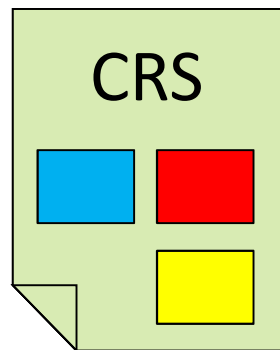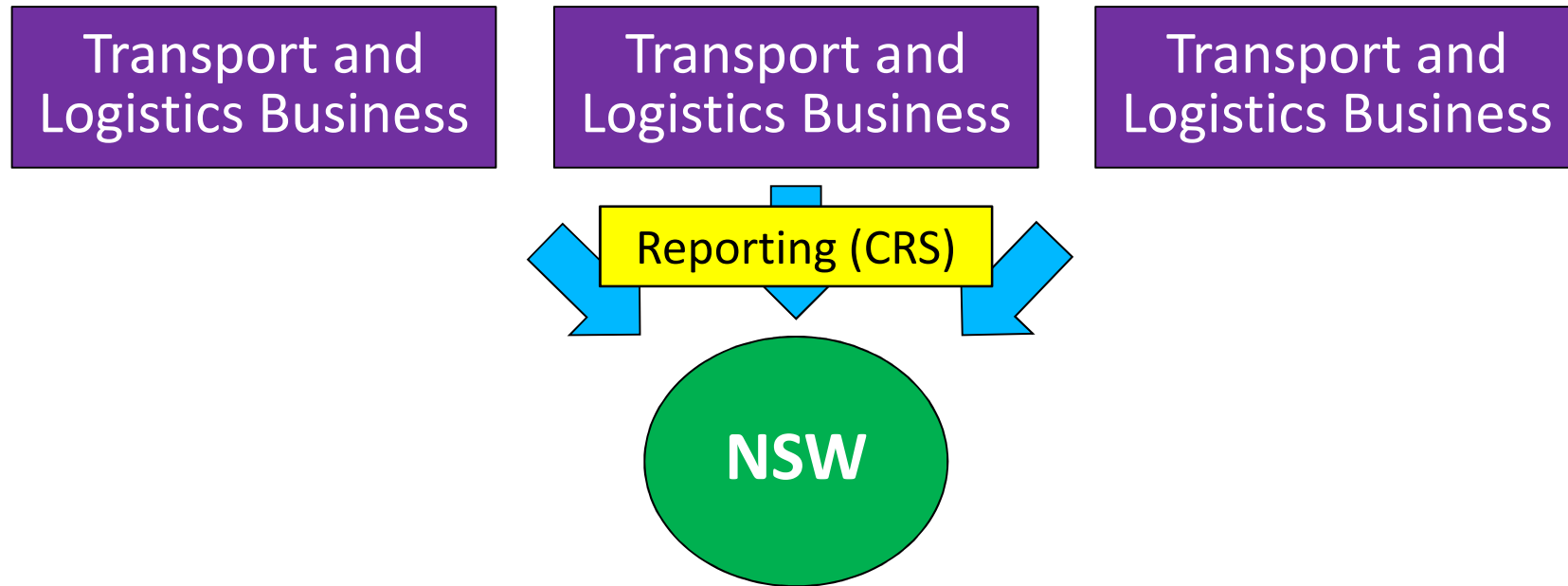

CRS → National Single Window →
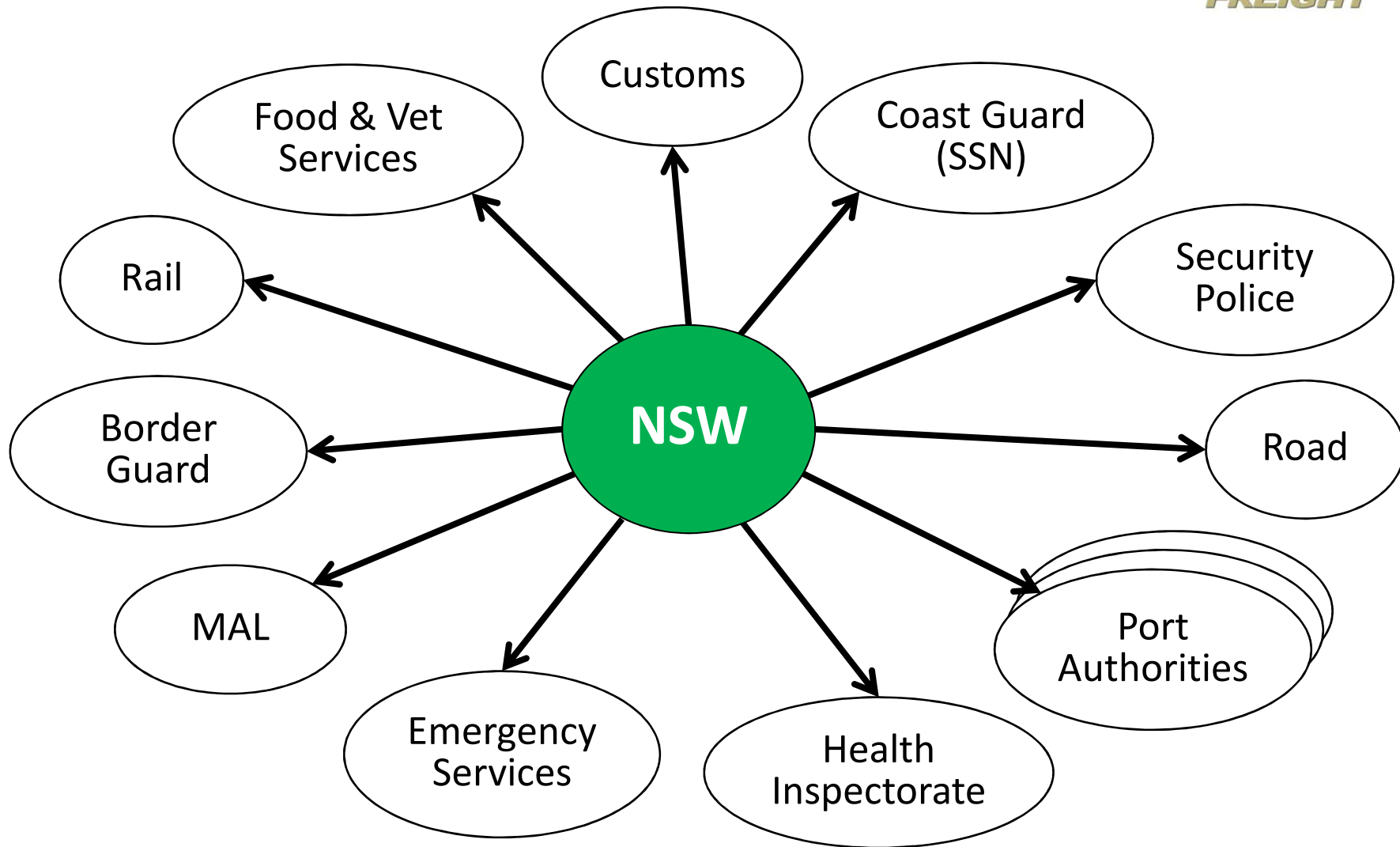
Practical Implementation in Latvia

- Driven by National Authorities in Latvia

- Focus on integration of existing systems

- Validation of Common Reporting Schema

- Preliminary testing of EU level support services

→ Pilot implementation deployed end of October
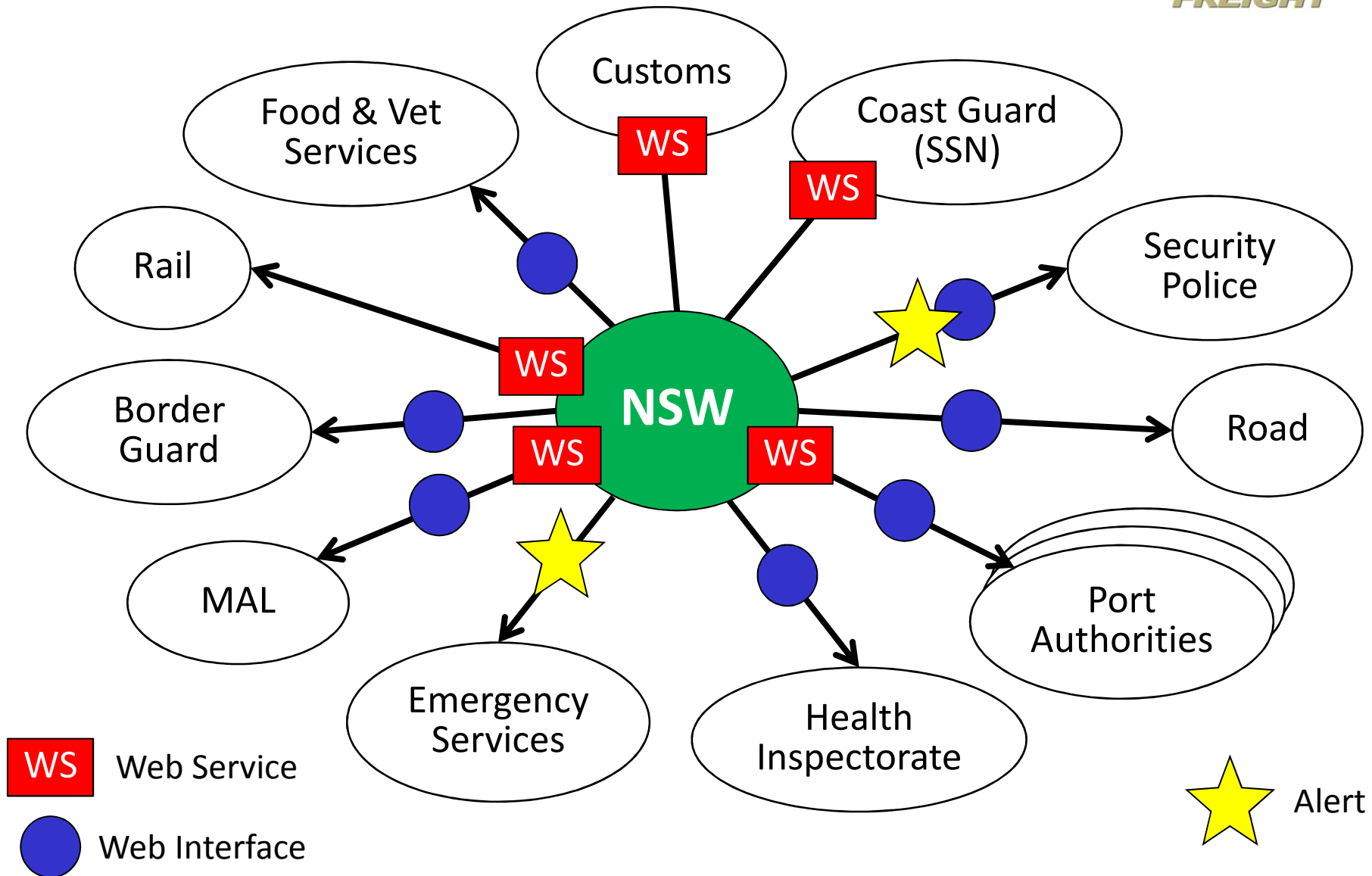
– Final version completed July 2012

Practical Implementation in Latvia

| Transport and Logistics Business | Transport and Logistics Business | Transport and Logistics Business |

Reporting (CRS)

NSW

Practical Implementation in Latvia

Practical Implementation in Latvia

Customs WS

Coast Guard (SSN) WS

Food & Vet Services

Rail

Security Police

Border Guard WS

NSW

Road

MAL

Port Authorities

Emergency Services

Health Inspectorate

WS Web Service

Web Interface

Alert

e-Freight receives funding from the EC FP7 Sustainable Surface Transport Programme

e-Freight National Single Window

Benefits:

- Increased **quality** and **availability** of information

- Improved **communication** between Operators and Regulators

- Increased **efficiency** and **effectiveness** of regulatory processes

- Facilitates **co-operation** between Authorities for safety, security and environmental **risk management**

- Supports **intelligent** information analysis and **enhanced** statistical reporting

Thank You

Questions & Discussion

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