



European Commission /  
Taxation and Customs Union

# *EU IT developments in the area of TIR*

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# ***NCTS/TIR***

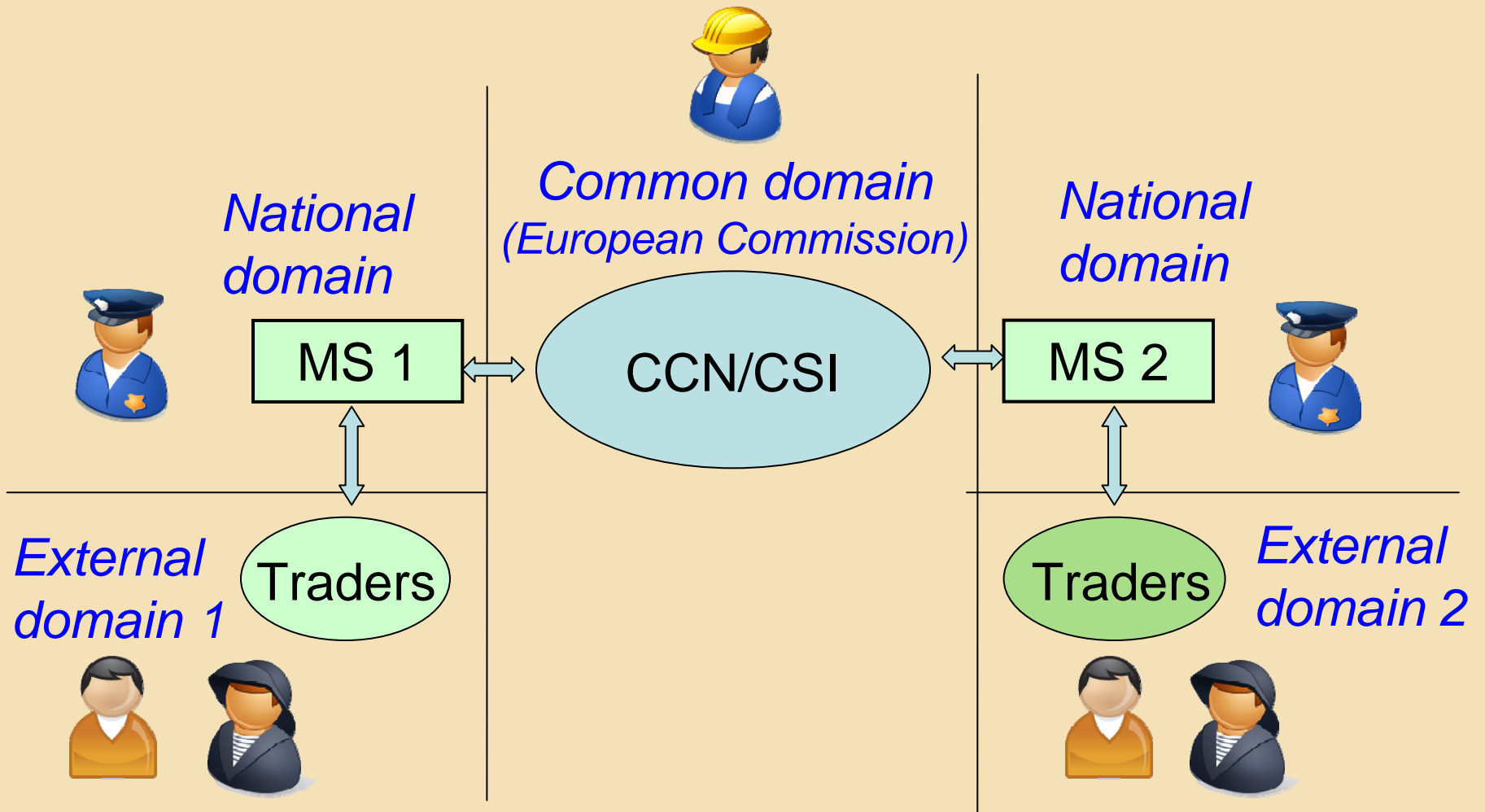


## *Purpose and scope*

- Exchange TIR data in electronic format between EU Member States
- Speed up the termination and discharge of the TIR operations
- Abolish sending of the Voucher 2
- Possibility for the operators to lodge safety and security data together with TIR data
- Mandatory in all EU Member States from January 1, 2009



# System architecture





## *System architecture*

- Existing NCTS system used with some modifications
- Guarantee management functionality is not used
- National and external domain left to the responsibility of the Member States
- Links with UN/ECE and IRU systems/data bases implemented on a national level only



## *TIR data exchange via SPEED*



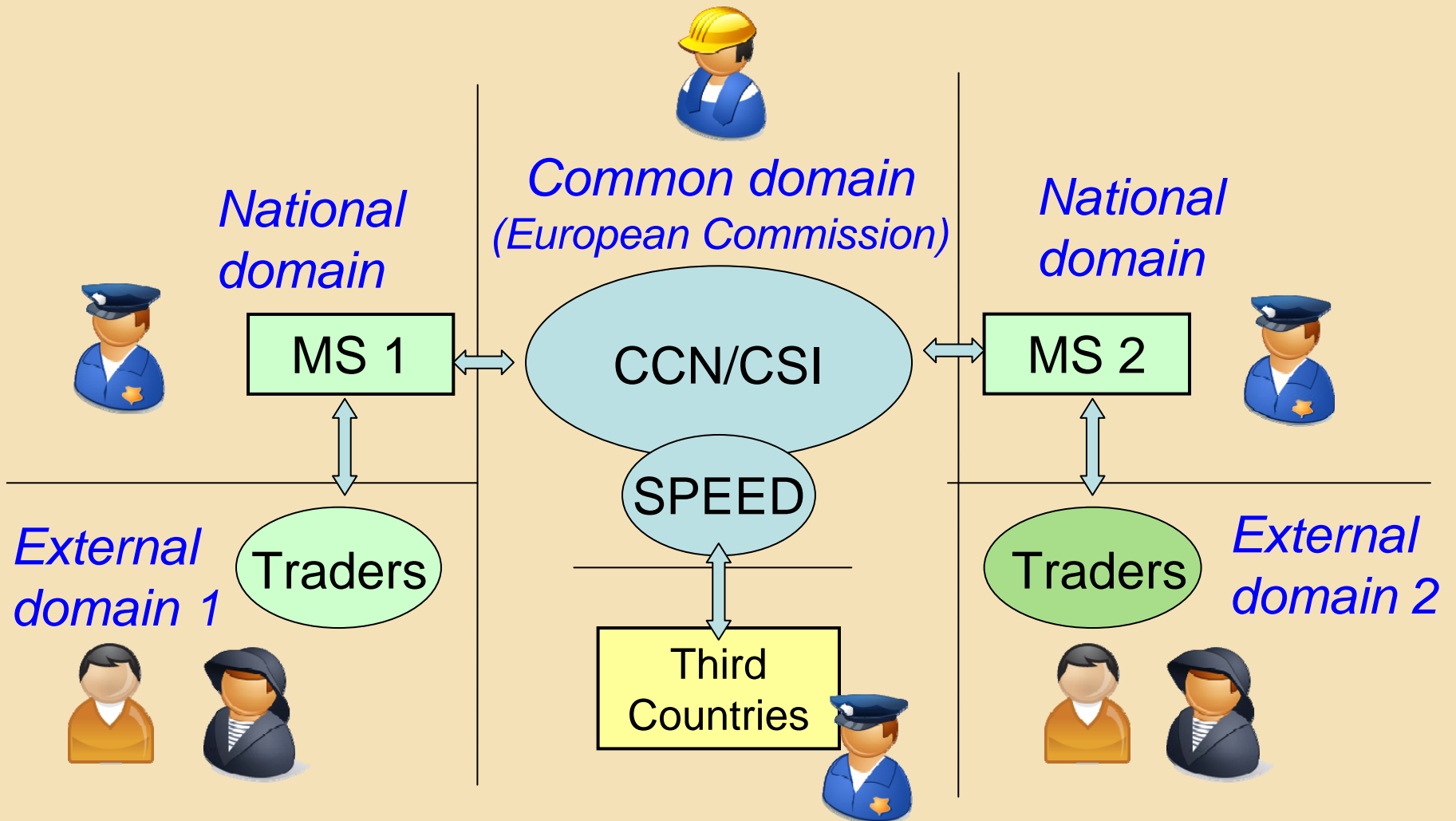
## *Purpose and scope*

- Part of the strategy dealing with the border congestion
- Early notification system from EU to RU
- Electronic exchange of TIR Carnet data
- RU to perform risk analysis with the received data before the truck arrives at the border
- Reduced clearance time
  
- 13 Pilot EU Member States
- Full implementation subject to evaluation of the pilot project





# System architecture



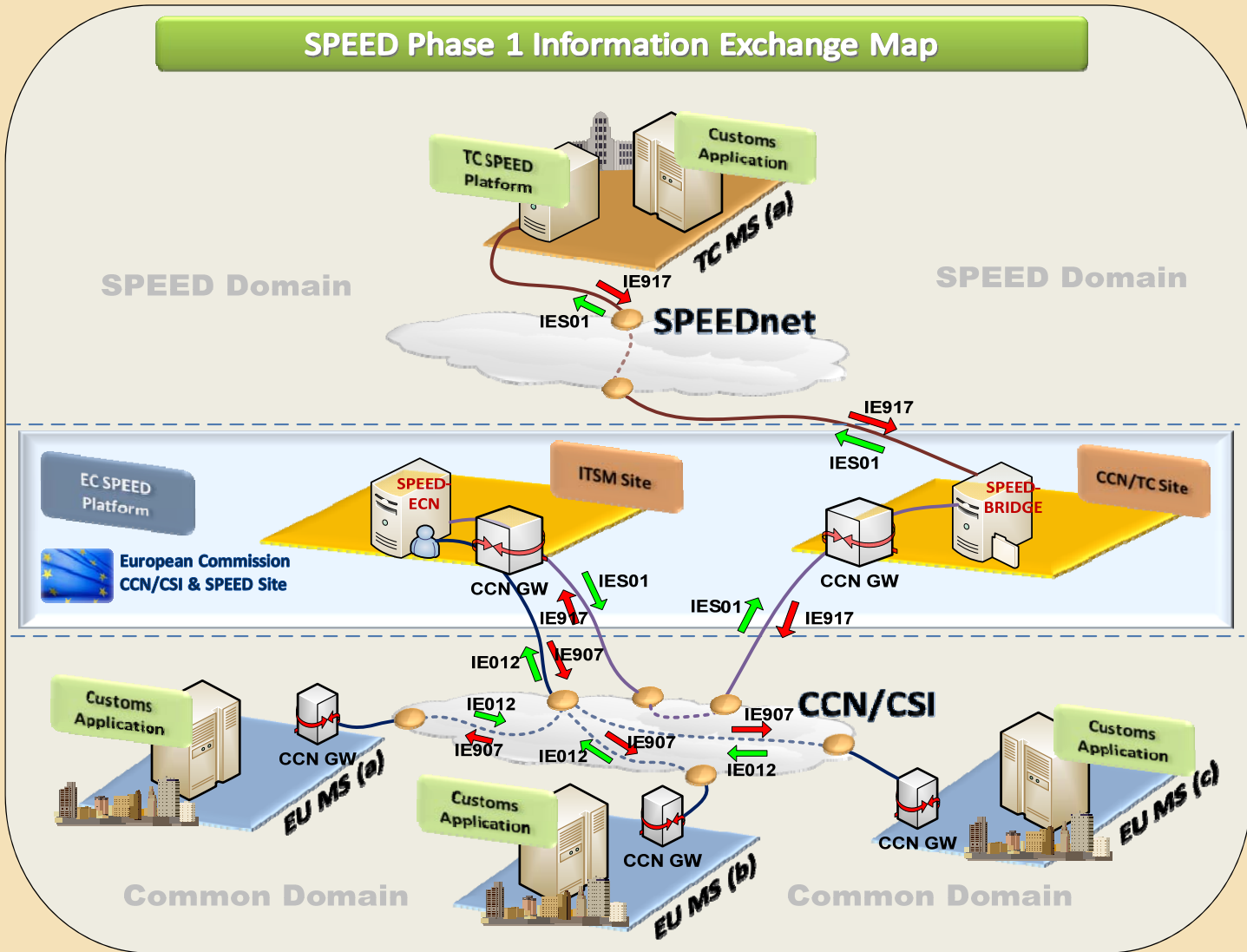


## ***SPEED - Definition and Objectives***

- SPEED = Single Portal for Entry or Exit of Data
- Exchange electronic Customs data between EU and Third Countries
- Single entry/exit point between EU and Third Countries
- Minimise integration effort & impacts for the EU & Third Countries
- Operational environment targeting thousands of messages per month
- Fully automated solution compliant to the protocols and products identified in the SPEED documentation



## SPEED Phase 1 Information Exchange Map





## *Information Flow*

- TIR carnet data sent to Russia (green arrows):
  - EU National Transit Application
    - ↳ • SPEED platform
    - ↳ • RU National Application
- Reverse flow for error handling only (red arrows)
  - SPEED -> EU National Transit Application, or
  - RU National Application -> SPEED



## *Pilot project status*

NA	Start date of CT	Start date Intl Tests	Start date operations	Msg / day	
				Exp.	Act.
AT	10/12/2008	15/12/2008	1/01/2009	30	<b>30</b>
BE	25/11/2008	11/12/2008	1/01/2009	60	<b>50</b>
CZ	24/11/2008	8/12/2008	1/01/2009	75	<b>60</b>
DE	6/07/2009	14/07/2009	01/08/2009	200	<b>380</b>
EE	25/05/2009	25/06/2009	1/07/2009	200	<b>150</b>
FI	26/11/2008	4/12/2008	1/01/2009	1000	<b>825</b>
HU	25/11/2008	9/12/2008	1/01/2009	40	<b>40</b>
IT	1/12/2008	26/01/2009	3/02/2009	35	<b>80</b>
LT	4/06/2009	18/06/2009	1/07/2009	670	<b>510</b>
LV	3/12/2008	15/12/2008	1/01/2009	240	<b>280</b>
PL	25/05/2009	8/06/2009	29/06/2009	500	<b>700</b>
SE	13/11/2008	1/12/2008	1/01/2009	50	<b>40</b>
SK	24/11/2008	3/12/2008	1/01/2009	5	<b>40</b>



## 2009 Operations statistics

- Number of exchanged messages 550 000
- Average error rate 0.6%
- SPEED platform availability > 99%

**Average volume of movements (IE012)  
from participating EU MS to Russia per working day**

