Computerisation of TIR

Dushanbe, 19 May 2015

International Road Transport Union

The TIR System is hosted in the most secure hosting facilities in Switzerland

- ✓ IRU systems are hosted in two highly secure Swisscom data centers
- ✓ Located in Bern in the heart of Switzerland
- ✓ 24/7 monitoring and operations
- ✓ Guaranteed business continuity
- ✓ Green IT

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TIR is computerized and includes risks management systems

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Real-Time SafeTIR (RTS)

- Starting from 1990s: geopolitical changes with high increase in trade volumes and in TIR transport ➡ risk increase for TIR guarantee chain.
- October 1995: Administrative Committee for the TIR Convention adopted a Recommendation which set out an electronic control system for TIR Carnets.
- August 2006: this control system – **SafeTIR**, was included in the TIR Convention as **Annex 10**.

Real-Time SafeTIR Key Features & Benefits

- Secure real-time guarantee check
- SafeTIR data transmission
- Data reconciliation
- 20 connected countries

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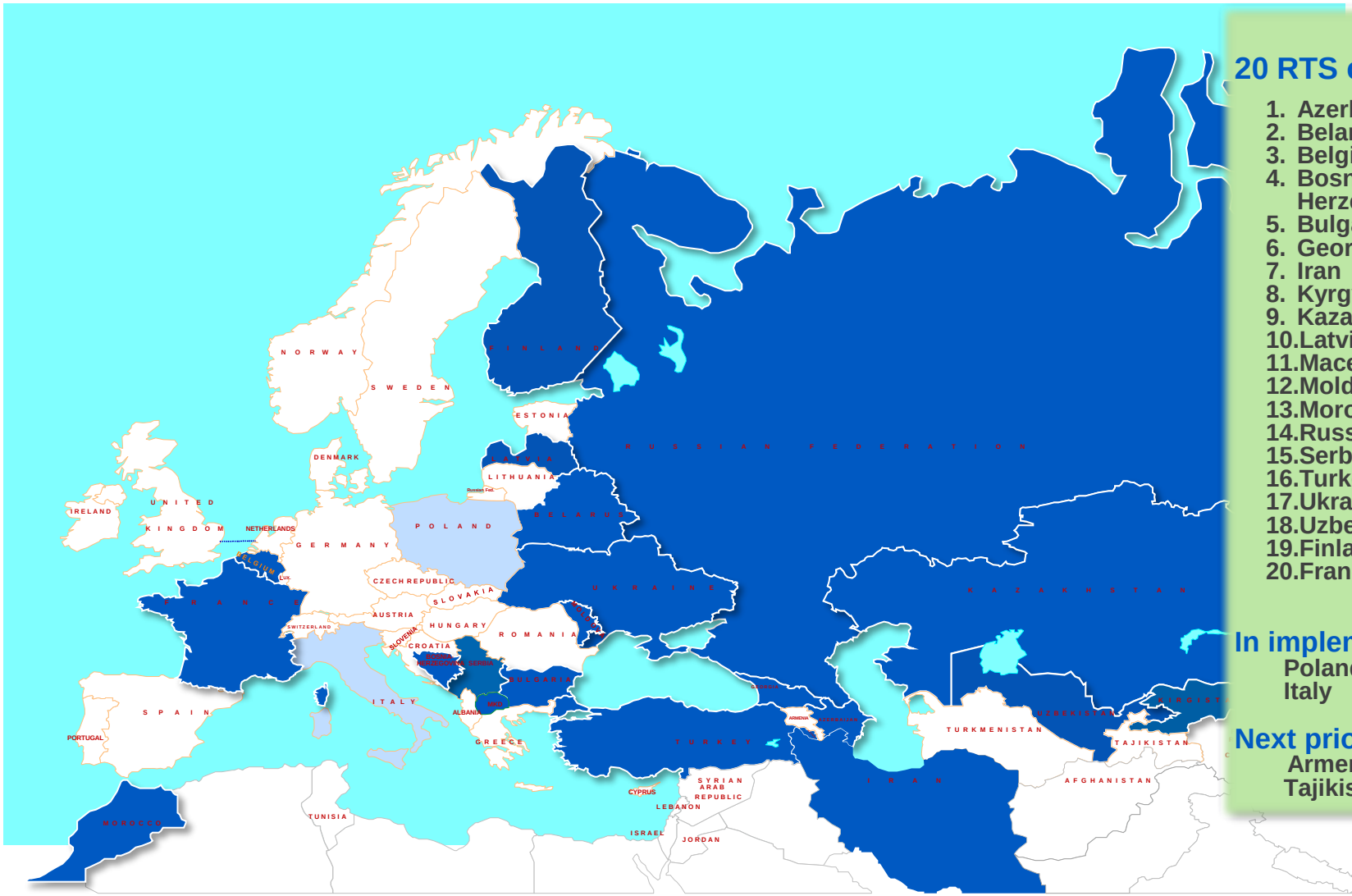
RTS – geographic coverage



20 RTS countries

1. Azerbaijan
2. Belarus
3. Belgium
4. Bosnia and Herzegovina
5. Bulgaria
6. Georgia
7. Iran
8. Kyrgyzstan
9. Kazakhstan
10. Latvia
11. Macedonia
12. Moldova
13. Morocco
14. Russia
15. Serbia
16. Turkey
17. Ukraine
18. Uzbekistan
19. Finland
20. France

In implementation:

Poland
Italy

Next priorities:

Armenia
Tajikistan

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RTS in the region

	Afghanistan	Azerbaijan	Iran	Kazakhstan	Kyrgyzstan	Tajikistan	Turkmenistan	Turkey	Uzbekistan
Safe TIR	**2.0 days**	**0 days**	**3.8 days**	**0.3 days**	**2.7 days**	**21.8 days**	**40.7 days**	**2.1 day**	**0.3 days**

Negotiation stage: Tajikistan
Turkmenistan

RTS countries

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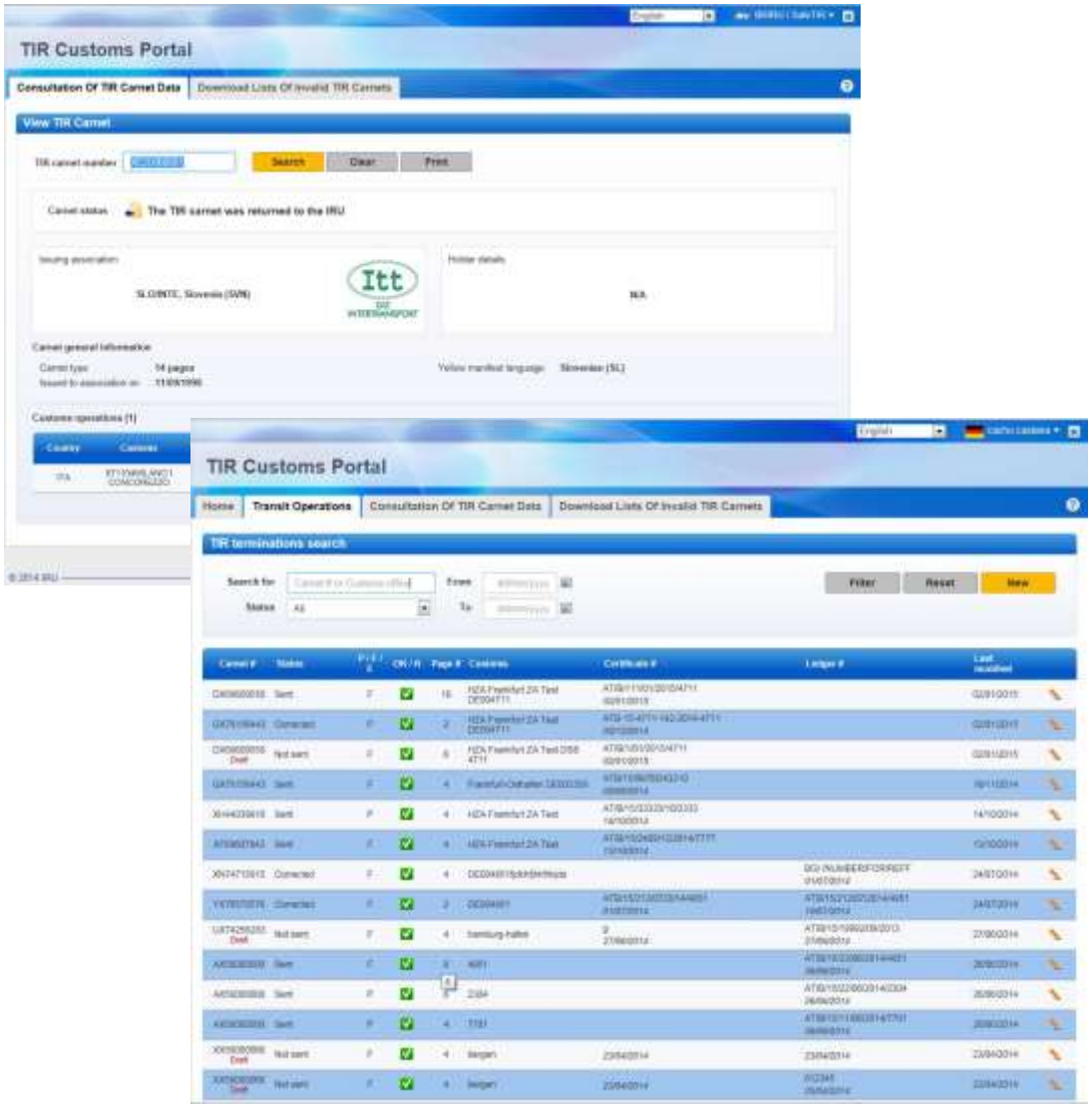
TIR Customs Portal



TIR Customs Portal Key Features & Benefits

- Accessible by all customs officers via the internet from anywhere in the world
- Fallback solution to Real-Time SafeTIR
- Up-to-date guarantee status
- Consultation of TIR guarantee information
- Submission of SafeTIR data

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Advantages of Real-Time SafeTIR

Automatic check of TIR carnet validity

Reduced resource intensive activities

Faster TIR-related customs operations

Enhanced cargo throughput performance at borders

Prompt reaction to irregularities occurred

Enhanced safety and security

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IRU TIR-EPD - a tool for submitting advance information on goods

Advance declaration is mandatory

- EU – from 2009
- Customs Union (Belarus, Kazakhstan, Russia)
- Ukraine *(transport data to be submitted electronically)*
- Iran
- Expected soon – in Turkey

TIR- EPD satisfies the requirements of all Customs Authorities, connected to TIR-EPD

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TIR-EPD: geographic scope

31 TIR-EPD countries present:

- 98% of all issued TIR Carnets
- 95% of all TIR terminations

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TIR-EPD in the region

TIR-EPD									

Negotiation stage: Tajikistan
Turkmenistan

TIR-EPD countries

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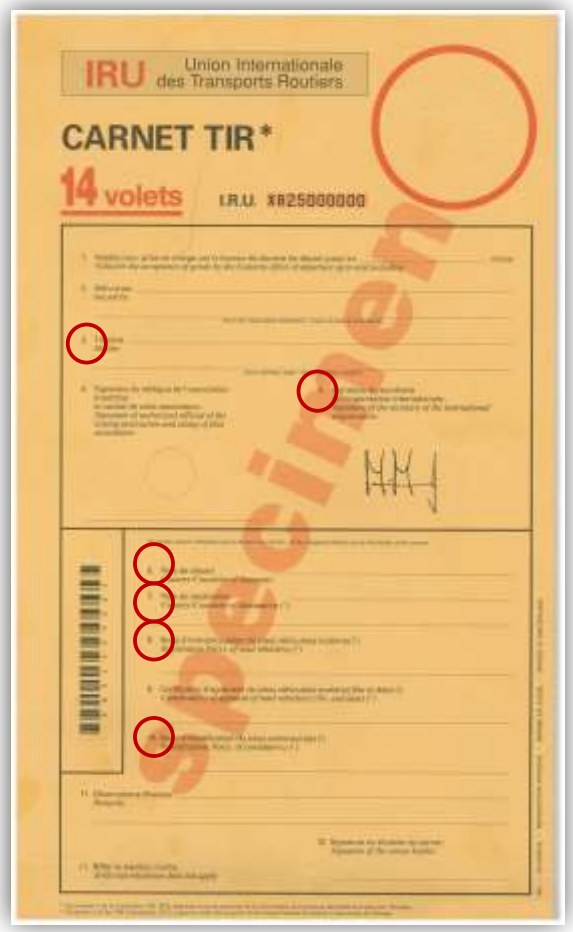
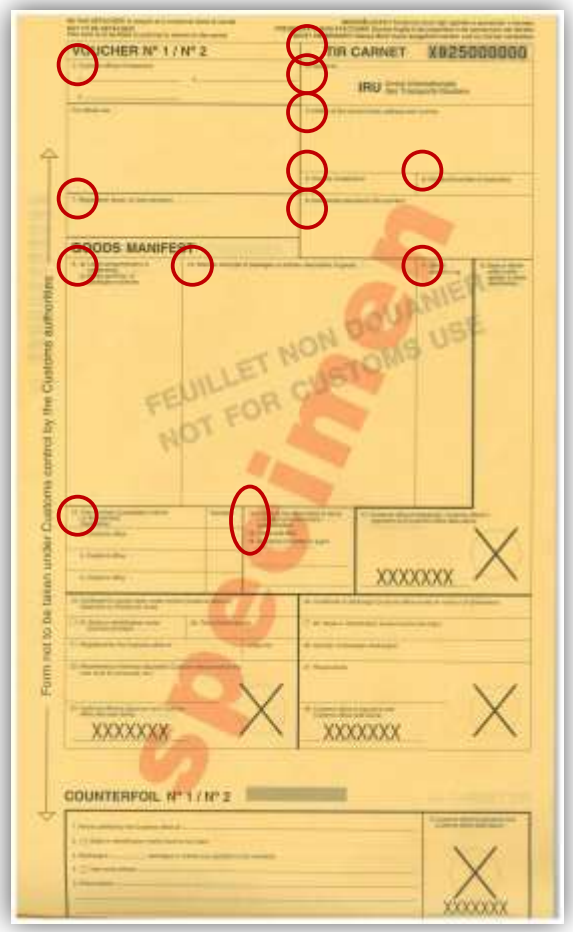
TIR-EPD vs TIR Carnet





Data received by customs:

- **HS codes**
- **Goods description**
- **Weight**
- **Package type and quantity**
- **Itinerary**
- **Vehicle details**
- Driver's details
- Cost of goods

Etc.

TIR-EPD = TIR Carnet + additional information
(in compliance with all national requirements)

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TIR-EPD – advantages for **Customs**

No need of manual data entry

Automatic validity check against IRU database

Only **authorised** TIR Holders can submit information on only **valid** TIR Carnets

Identical information is sent to all countries

Possibility to take into account all customs requirements

Advance declaration

Advance risk analysis in line with WCO SAFE Framework of Standards

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TIR-EPD – advantages for **transport operators**

Free of charge – no need of brokers' services

Confidentiality – no access to company's information by a 3rd party

Only with TIR-EPD: advance information is sent **in one click to all countries** of itinerary

Only with TIR-EPD: user interface in **national languages**

Accessible via **Internet** from any place

Faster and simpler customs procedures at the border

Saving time and money

Higher competitiveness for a company

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eTIR pilot: MoU signed with UNECE on 24 March 2015, final technical work ongoing with Iran and Turkey

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Ready to go live @IRU

TIR Holder:

Order an eGuarantee online

Association:

Approve and issue the eGuarantee

TIR Holder:

Pre-declare the transport and GO!

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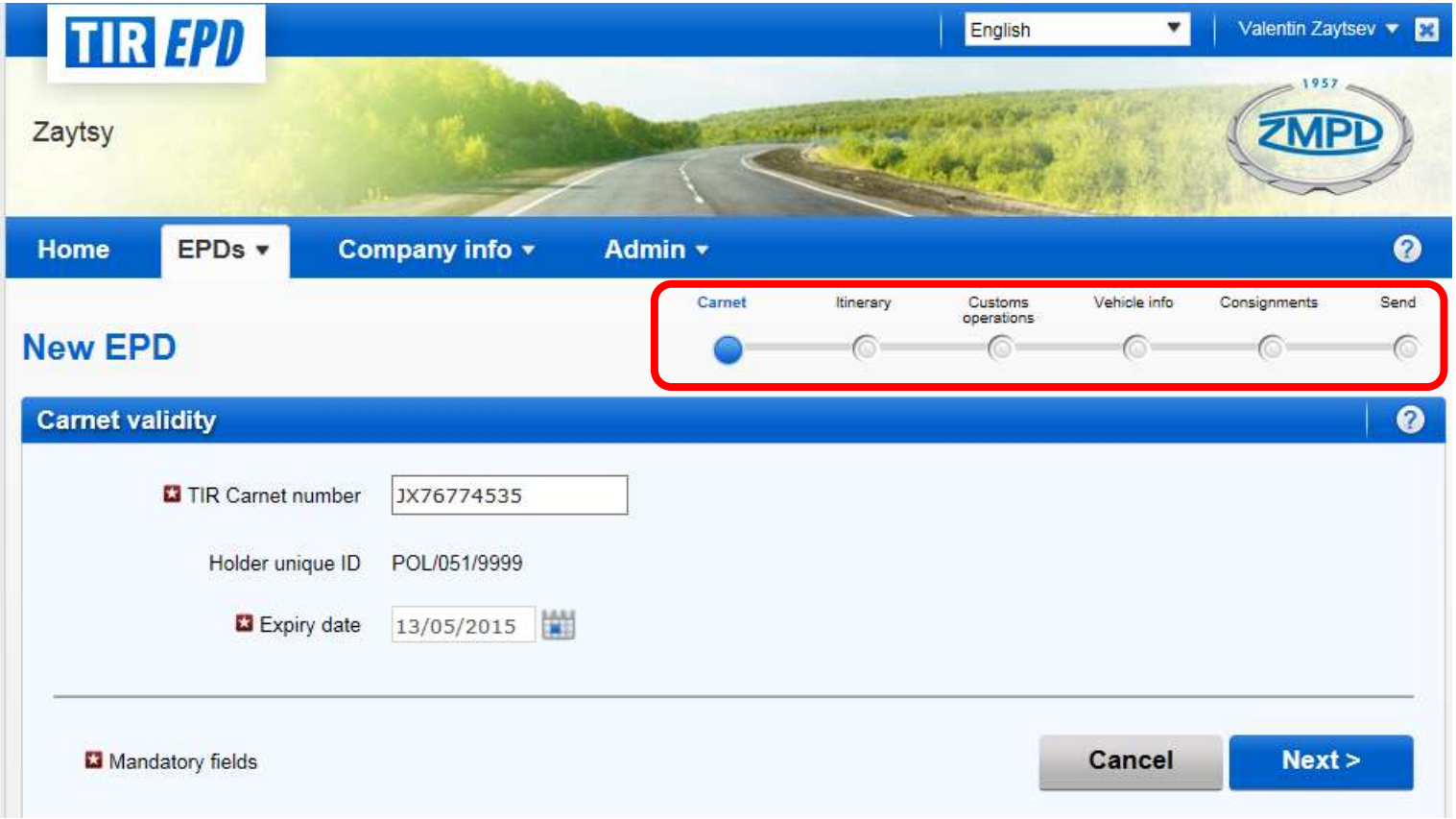
TIR-EPD: user-friendly interface for operators

https://tirepd.iru.org/
https://demo-tirepd.iru.org/



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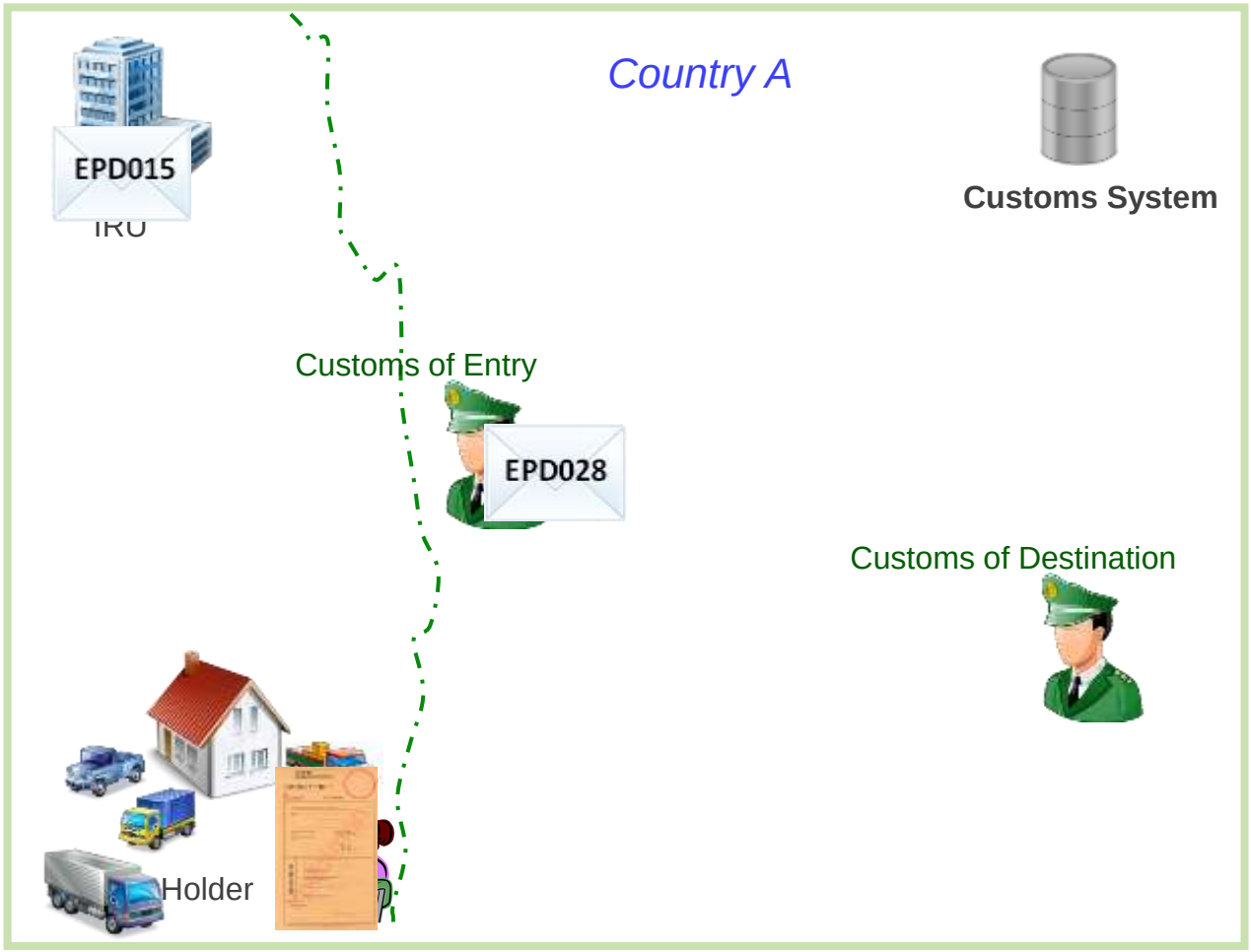
Before arrival of the Truck to Customs: data registration



- Holder fills in Electronic Advanced Cargo information and provides it to Customs (EPD015)
- Customs confirm the receipt of the electronic data (EPD928)
- Customs allocate the Transportation Reference Number (EPD028)

Risk assessment and decision is made!

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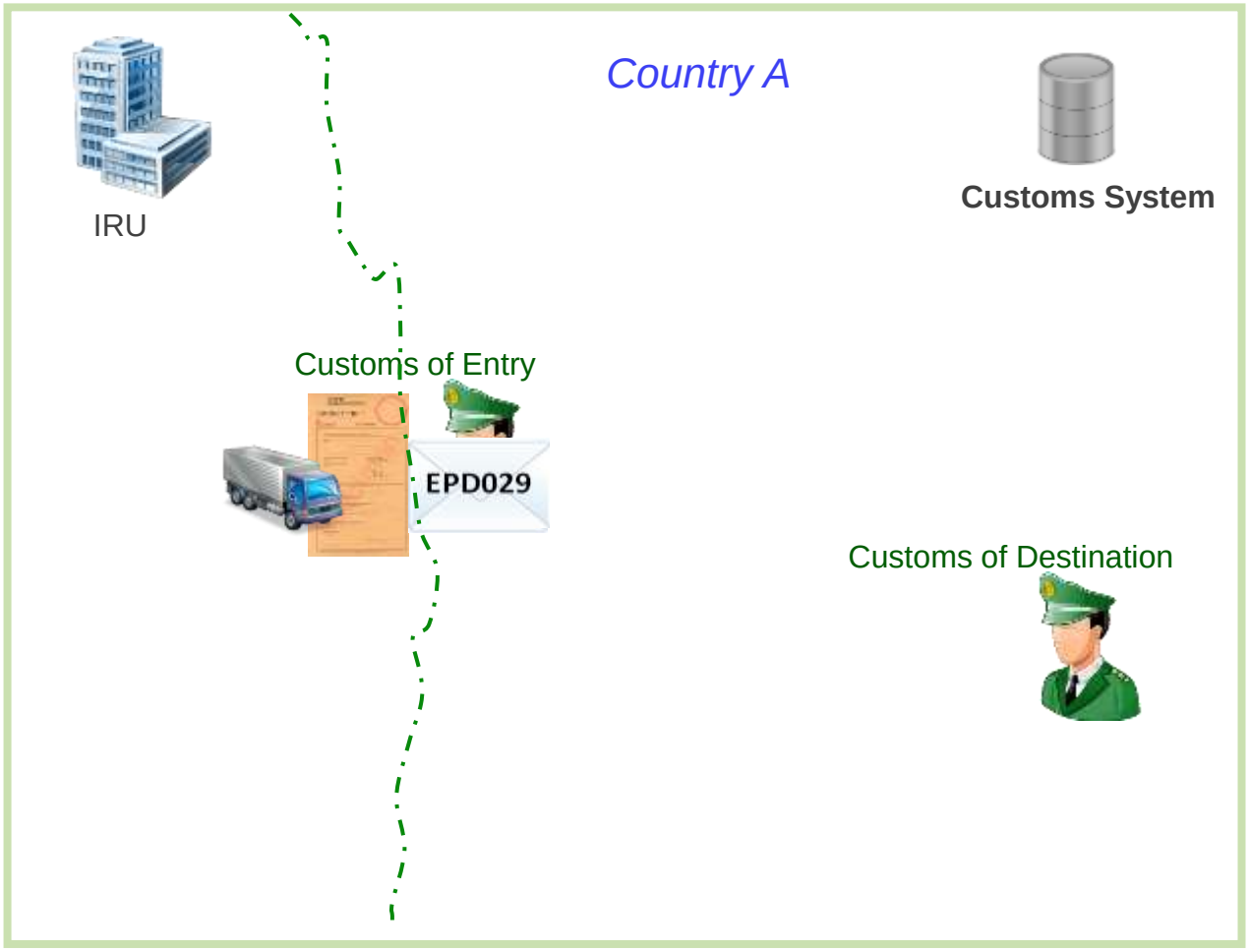
At Customs of departure / entry: Release for transit



- Holder presents documents and pre-information reference number to Customs Officer
- Automatically Customs system checks the status of the TIR Carnet (RTS TCHQ)
- Customs validates electronic data against paper – based documents
- Goods are released for transit (EPD029)

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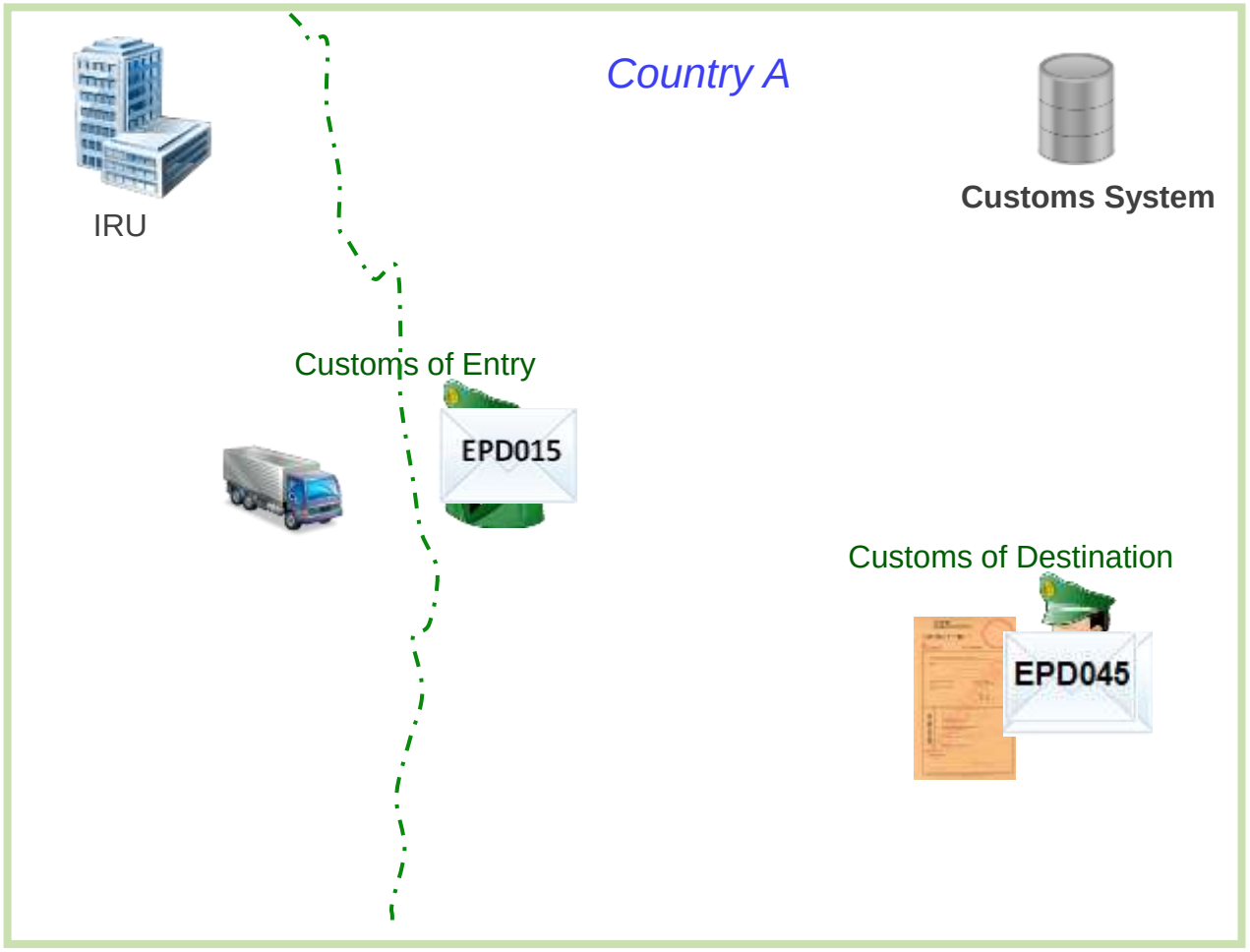
At Customs Office of Destination: SafeTIR data transmission



- Electronic data becomes available in the Customs Office of destination
- Holder presents the documents to Customs Officer
- Customs checks the status of the TIR Carnet in Real - Time (RTS TCHQ)
- Upon completion of the customs clearance procedures the TIR Carnet (RTS WSST) termination record is transmitted to the IRU
- Discharge record is transmitted to the IRU (EPD045)

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RTS/TIR-EPD implementation

Hardware	➔ No additional hardware required
Software	➔ SafeTIR Client TIR-EPD Data Exchange System
Internet access	➔ High speed internet connection
HR requirements	➔ 1 or 2 IT experts
Time required	➔ 1 to 3 months
IRU support	➔ Technical support and assistance; consulting and source code examples

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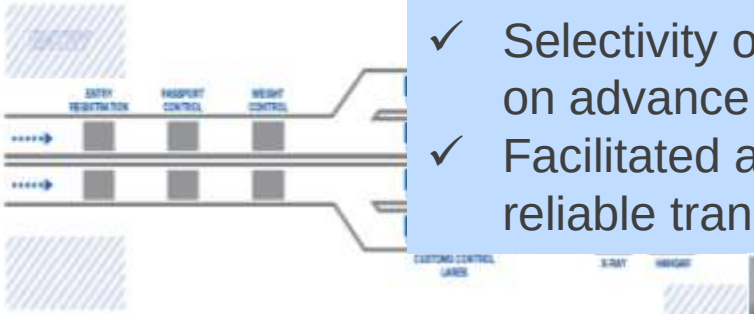
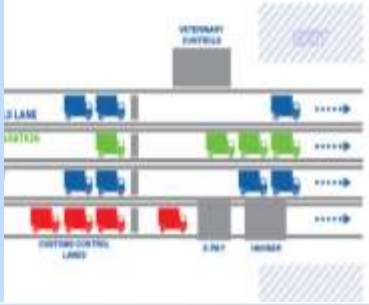
Green Lanes with TIR-EPD

without Green Lane



with Green Lane



Green Lane withTIR-EPD means:

- ✓ Selectivity of customs control based on advance risk assessment
- ✓ Facilitated and faster procedure for reliable transport.

TIR-EPD Green Window
Ak-Tilek, Kyrgyzstan

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