



B2C-C2B

TIR Computerization

latest progress

Presentation to GE.1

Bratislava, 25 September 2012

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Table of content

- Overview
- TIR Carnet Holders Portal
- Customs Authorities Portal
- Issuing Associations Portal
- Conclusions



Computerization of TIR overview

- True private-public partnership aiming at:
 - reinforcing the security of the TIR system and
 - gradually computerizing all processes

- Further great progress has been achieved. The TIR process is computerized in most geographies

- Portal concept with access to key TIR information & data exchange for:
 1. TIR Carnet Holders
 2. Customs Authorities
 3. Issuing Associations

Computerisation of TIR High Level Portals Overview

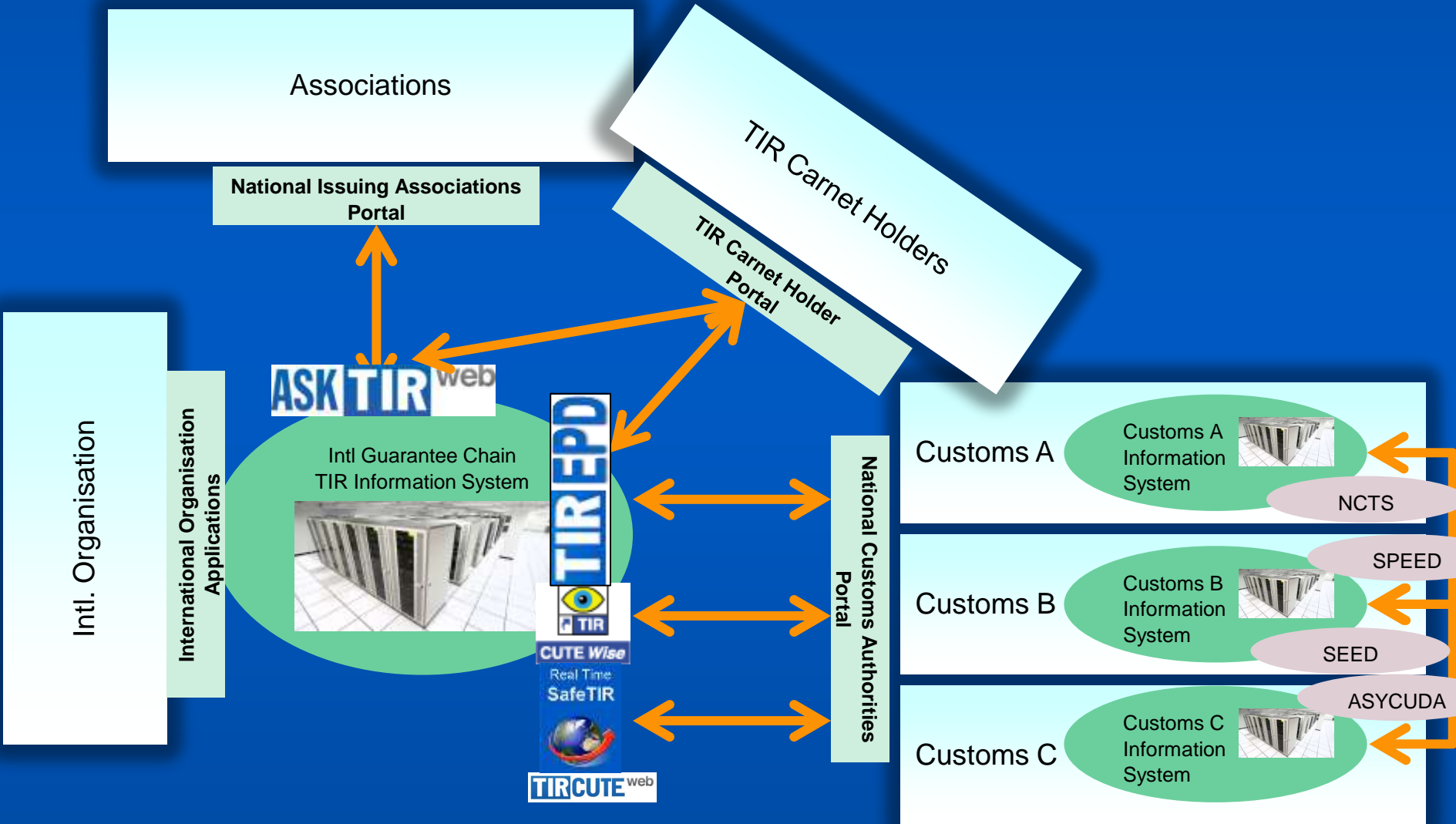




Table of content

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TIR-EPD Portal for TIR Carnet holders



TIR Electronic Pre- Declaration

1100110100110101	11011	11001101001101		1100110100110101	11001101001101	1100110100110
1011011001010101	01011	101101100101010		1011011001010101	101101100101010	101101100101010
11010	11011	11010	11010	11010	11010	11010
10101	10101	10100	11010	10101	10100	11010
11011	11001	110100100111010		1101111001010101	110100100111010	11010
00101	00101	00100010111010		0010111001010101	00100010111010	00100
11011	11001	11010	11101	11011	11010	11010
11101	11101	11100	10101	11011	11100	11100
11010	11010	11011	00111	1110111001010101	11011	101101100101010
11010	11010	11011	11010	1101011001010101	11012	1100110100110



Connecting Business and Customs
for facilitating and securing international trade

- Automatic security check against the TIR central database (CUTE-Wise)
- Secure EPD data transmission of authenticated and authorized sender
- Advance information about the transported goods; advance risk analysis
- Possibility for advance revenue assessment
- No need for manual data entry
- **In summary: simpler, faster and safer border crossing procedures**



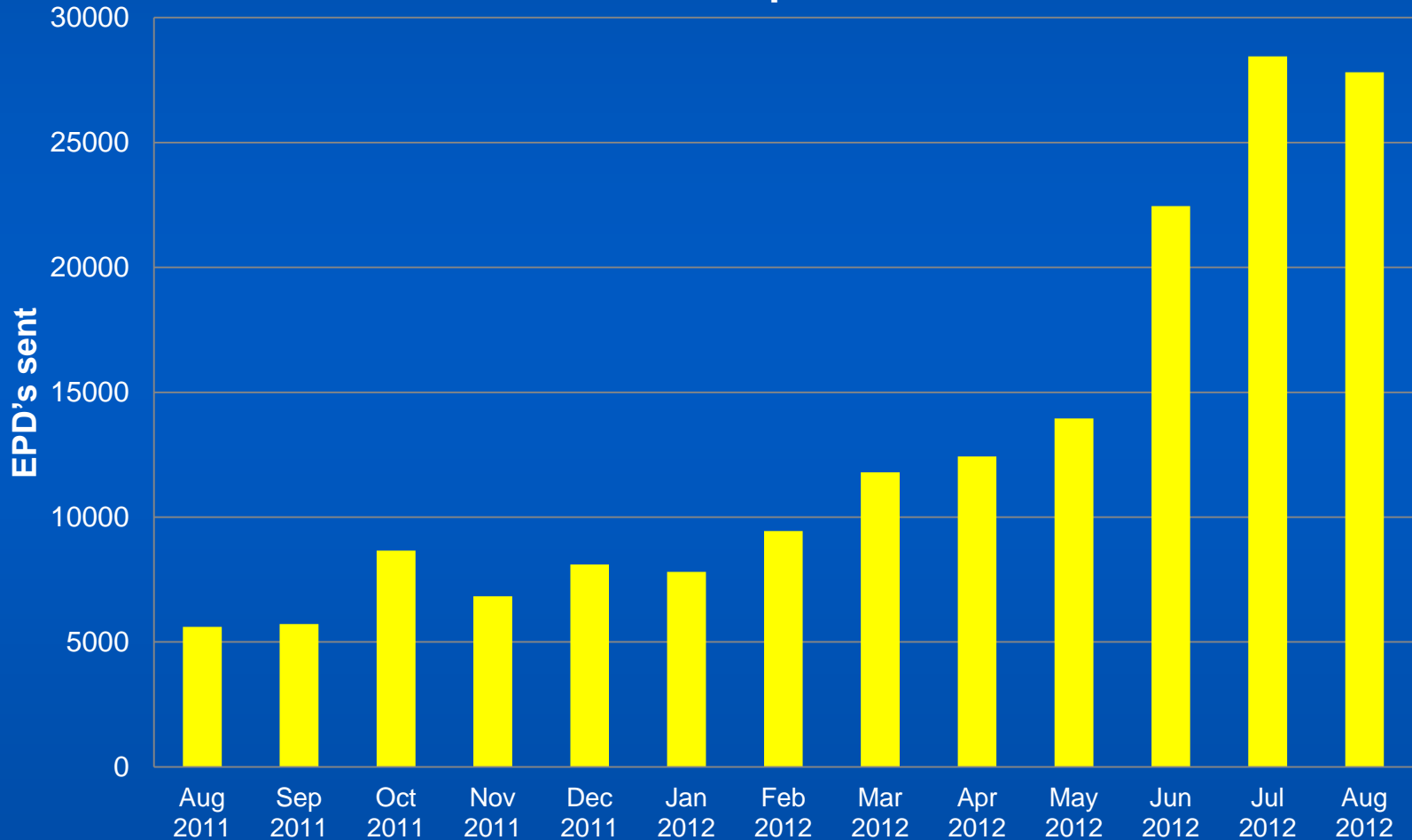
TIR-EPD Progress

- Now 26 countries in operation! (whereby 3 of them are in pilot)
- 5 new countries added since last GE.1 meeting:
 - In production: Turkey, Uzbekistan
 - In pilot: Italy, Kazakhstan, Macedonia
- Following additional 10 countries are currently in the pipeline :
 - Afghanistan, Albania, Azerbaijan, Croatia, Greece, Iran, Kyrgyzstan, Morocco, Netherland, Spain
- Significant increase in usage from 6000 per month a year ago to 28'000 per month & raising
- Expect around 30 countries to be covered by end of 2012
This will ensure TIR-EPD coverage around the whole operational TIR world



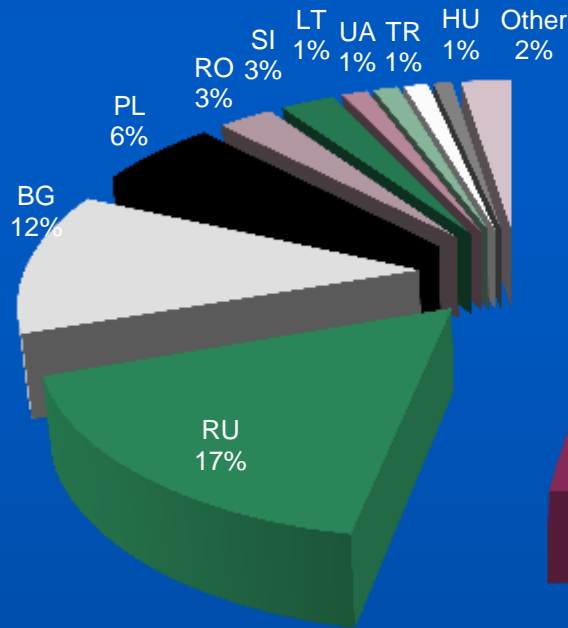
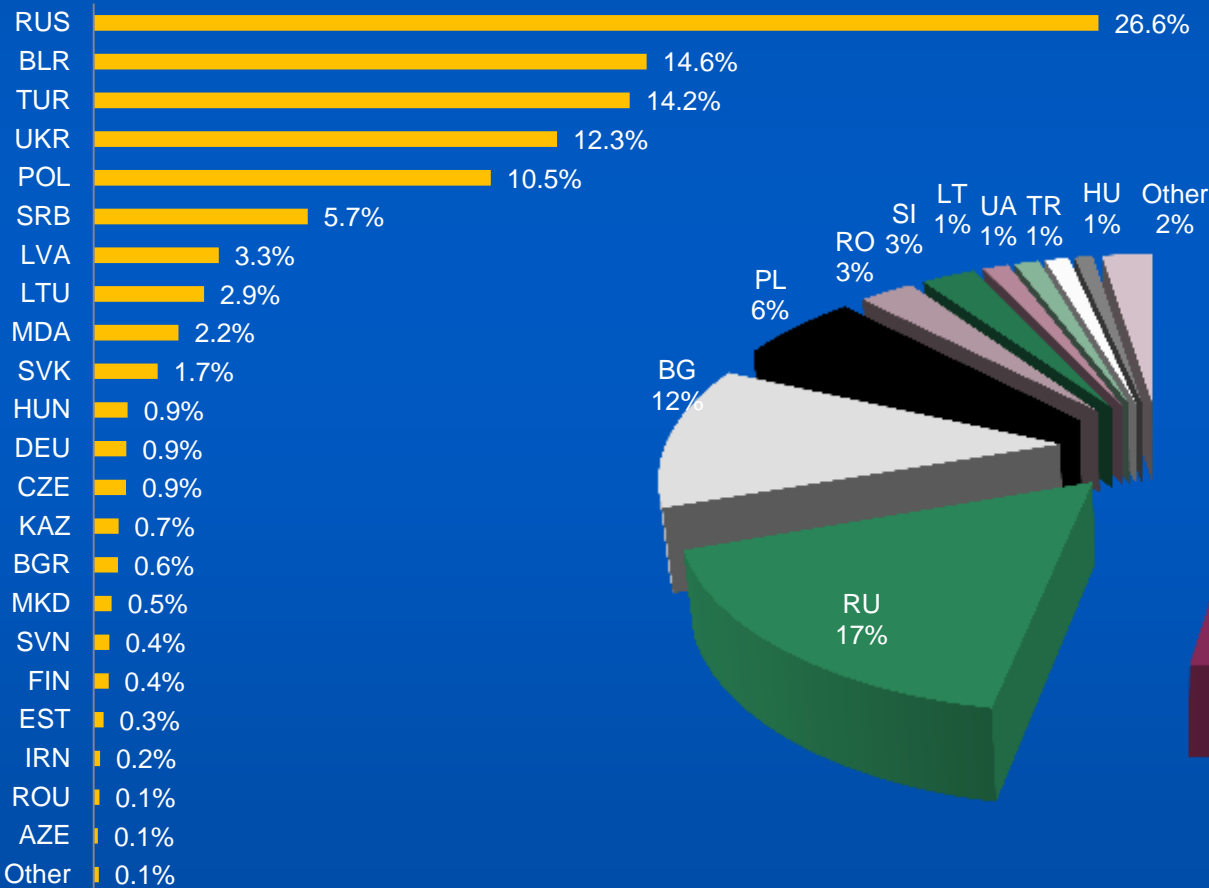
TIR-EPD Usage Statistics Per Month

TIR-EPD's sent per month



TIR-EPD Usage Statistics August 2012

Holder



Customs



Simple, useful, effective and free of charge service for Holders



1. Login



WWW.TIREPD.ORG



2. Fill-in



19 languages
Highly secure

3. Submit



4. Obtain movement reference Nr, present it to Customs!

- HS Commodity Codes
 - TARIC
 - *ТН ВЭД*
 - 6-8-10 digits
 - Language (English, Russian, etc)
- Goods descriptions
 - Latin alphabet
 - Cyrillic alphabet
 - Language translation

- A new TIR-EPD application is **in preparation** with:
 - Improved usability & navigation
 - Better guidance on itinerary and customs operations
 - Better treatment of multi-lingual/-alphabets aspects
 - Import & export data capabilities
- ➔ More efficient, user-friendly and enabling the future

Also a foundation for providing further services to transport operators

Welcome to IRU TIR-EPD

Login

✳ Username

✳ Password

Login

✳ Required fields

TIR-EPD Alerts

13.09.2012	TIR-EPD: Technical Issues in Estonia	[Read]
12.09.2012	TIR-EPD: Link to TN VED codes updated	[Read]
02.09.2012	Romania: Technical Issues in Romania:	[Read]
29.08.2012	Romania: TIR-EPD interruption in Romania	[Read]
27.08.2012	Bulgaria: Technical Issues in Bulgaria	[Read]
16.07.2012	TIR-EPD: Common customs tariff (Customs Union BY-RU-KZ):	[Read]

TIR-EPD: The TIR-EPD application is now

New to TIR-EPD ?

Visit our website to learn more: [IRU TIR-EPD site](#) Or email us at: tirepd@iru.org

Countries with TIR-EPD

Afghanistan	Czech Republic	Hungary	Moldova	Serbia	XAkistan
Albania	Estonia	Italy	Morocco	Slovakia	XBkistan
Belarus	Finland	Kazakhstan	Netherlands	Slovenia	
Belgium	France	Latvia	Poland	Turkey	
Bosnia and Herzegovina	Georgia	Lithuania	Romania	Ukraine	
Bulgaria	Germany	Macedonia	Russia	Uzbekistan	



New EPD

Carnet validity

* TIR Carnet number

Holder

* Expiry date

* Required fields

Cancel

Next >



New EPD - Carnet no. SX69443127

Carnet Itinerary Customs operations Vehicle info Consignments Send

Itinerary

Please list all of the steps in your itinerary, even if you will not perform TIR operations in those countries.

Country	Load goods	Unload goods	Start TIR	End TIR	Remove
★ Step 1 Bulgaria (BGR)	<input checked="" type="checkbox"/>		<input type="radio"/>		
★ Step 2 Turkey (TUR)		<input checked="" type="checkbox"/>		<input type="radio"/>	

★ Required fields

< Previous Next >



New EPD - Carnet no. SX69443127



Customs operations

Based on your itinerary, TIR-EPD's may be sent to the following countries

Note: an EPD is required to open a TIR operation in a customs union / country

Send EPD	Load / Departure / Entry	Customs union	Unload / Destination / Exit	VPN #
<input checked="" type="checkbox"/>	* Load and start TIR Transport in Bulgaria at: Sofia/ MB Sofia-Iztok (BG005808)	EU	* Exit Bulgaria at: Kapitan Andreevo/ MP Kapitan Andree	1-2
<input checked="" type="checkbox"/>	* Enter Turkey at: KAPIKULE TIR GÜMRÜK MÜDÜRLÜĞÜ	-	* End TIR transport in Turkey and unload at: İSTANBUL DERİ SERBEST BÖLGE GÜM	3-4

* Required fields

< Previous | Next >

New EPD - Carnet no. SX69443127



Vehicle information



Truck + Add a new truck

Trailer + Add a new trailer / semi-trailer

Trailer 2 + Add a new trailer

Container Transport includes containers

Required fields

< Previous

Next >



New EPD - Carnet no. SX69443127

Consignments



Consignment 1

Bulgaria to Turkey	CARGO IMPORT	TRANS SPED		
---------------------------	--------------	------------	--	--

Item 1	40111000 - New Pneumat...	Unpacked or unpackaged (20)	100 Kg.		
---------------	---------------------------	-----------------------------	---------	--	--

+ Add goods item

+ Add another consignment

< Previous

Next >



New EPD - Carnet no. SX69443127



Summary



TIR Carnet number: SX69443127

Departure / Entry : Bulgaria - Sofia/ MB Sofia-Iztok (BG005808)

Destination / Exit : Turkey - ISTANBUL DERI SERBEST BÖLGE GÜMRÜK MÜDÜRLÜĞÜ (342200)

Vehicle number : 1234

Number of packages : 20

Total weight : 100 Kg.

EORI : 12345678

EPD's will be sent to:

Bulgaria (BGR) - Sofia/ MB Sofia-Iztok (BG005808)

Turkey (TUR) - KAPIKULE TIR GÜMRÜK MÜDÜRLÜĞÜ (220200)

Accept liability [View liability terms and conditions](#)Declaration place

< Previous

Send EPD



TIR-EPD Vision ahead

- TIR-EPD will soon transform into a web portal offering Association and IRU services to TIR Holders:

- TIR Carnet ordering (paper or electronic)
- Status of carnet issuances and returns, quotas, etc.
- Address & contact mgt
- Managing CMRs
- Other IRU services such as TransPark, Fuel Prices, border waiting times, etc.

The screenshot displays the TIR Holder Portal interface. At the top, it shows the TIR logo, 'Holder Portal', and 'T&T Express'. Navigation tabs include 'Carnets', 'EPDs', 'Messages', 'Company Info', and 'Admin'. A search bar for 'Search Carnet' and a 'Search EPD' button are also present.

The main content area is titled 'Welcome to the IRU Holder Portal' and includes a sub-header 'The Holder Portal allows you to view the status of your TIR Carnets and send pre-declarations to Customs.' Below this, there are several data tables and sections:

- Issue notes:** A table with columns 'Issue note', '# Carnets', and 'Date'. It lists several entries for '16-ZUR-2012-255-14' with varying numbers of carnets and dates from 2011 to 2012.
- Carnets overdue (0):** A table with columns 'Carnets' and 'Overdue'. It lists four entries with their respective IDs and overdue durations (10 days, 10 days, 10 days, 5 days).
- TIR EPD Alerts & Messages:** A table with columns 'Carnet #', 'From', and 'Message'. It shows three entries: 'AX52369812' from BY, 'JX66995879' from PL, and 'PX52369812' from FR.
- Company profile:** A section displaying details for 'T&T Express', including Unique ID, International licence #, Address (22 Main Street, 4th floor, 20290 Sample City), and Email (Contact@transport.int).

Other sections include 'New messages from Association' with alerts about overdue carnets and bank guarantees, and 'AAKTIR access' showing 'Hauler status' as 'Pending suspension' and 'Quota' as 30.





Table of content

- Overview
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- A central & worldwide Customs database for TIR data

- A portal reserved for National Customs Authorities and issuing Associations

- To provide up-to-date information on TIR Carnets:
 - In circulation
 - Terminated
(with info provided by the customs office of destination)
 - Returned to the IRU
 - Recorded as invalid by the IRU (used/unused)



CUTE-Wise Existing portal interface



Consultation Of TIR Carnet Data

Download Lists Of Invalid TIR Carnets

CUTE - Wise User Guide



TIR Carnet Number

Issuing Country ISO Alpha 3 **Name**

Issuing Association

Number Of Pages **Language Used On Yellow Manifest**

Date Of Issuance Of The TIR Carnet To The Issuing Association

Date Of Issuance Of The TIR Carnet To The Holder

Holder ID Number **Expiry Date**

Status Of The TIR Carnet



Number Of Customs Records

RECORDS RECEIVED FROM THE CUSTOMS OFFICES OF DESTINATION

Country	Name Or Number Of Customs Office	Date In The Customs Ledger	Record Number In The Customs Ledger	Reference Number As Per The Certificate Of Termination	Date As Per The Certificate Of Termination	Partial (P) Or Final (F) Termination	Page Number	Termination Certified With (R) Or Without (OK) Reservation	Number Of Packages	Customs Comments	Record Available At IRU On
RUS	10113083	11.07.11	009376	009376	11.07.11	F	4	OK	15	??? ??????????????	11.07.11



CUTE-Wise Added invalidation time stamp

	Consultation Of TIR Carnet Data	Download Lists Of Invalid TIR Carnets	CUTE - Wise User Guide	
TIR Carnet Number	<input type="text" value="YX72816447"/>	<input type="button" value="NEW SEARCH"/>		
Issuing Country ISO Alpha 3	<input type="text" value="SRB"/>	Name	<input type="text" value="SERBIA"/>	
Issuing Association	<input type="text" value="SCC-ATT"/>			
Number Of Pages	<input type="text" value="14"/>	Language Used On Yellow Manifest	<input type="text" value="SERBE"/>	
Date Of Issuance Of The TIR Carnet To The Issuing Association			<input type="text" value="27.07.12"/>	
Date Of Issuance Of The TIR Carnet To The Holder			<input type="text" value="09.08.12"/>	
INFORMATION RECEIVED FROM THE TIR CARNET HOLDER				
Status Of The TIR Carnet	<input type="button" value="INVALID TIR CARNET - DESTROYED"/>			
	<input type="button" value="UNUSED"/>			
	<input type="button" value="NOT EXPIRED"/>			
Expiry Date	<input type="text" value="08.10.12"/>	Date and Time of Invalidation by the IRU	<input type="text" value="23.08.12 17:01:09"/>	
Name Of The Holder	<input type="text" value="SRB/089/145"/>	Holder ID Number	<input type="text" value="SRB/089/145"/>	
IRU Comments	<input type="text" value="NO IRU COMMENTS"/>			
Number Of Customs Records	<input type="text" value="NO RECORDS PROCESSED YET"/>			

Invalidated carnet list & details can also be obtained through a specific web service



CUTE-Wise Vision ahead

- Develop CUTE-Wise into a comprehensive & central TIR information source available at all time to Customs Authorities and issuing National Associations

- Provide secure access to specific data records to authorized and authenticated parties. Notably, expose information to selected users on:
 - TIR Carnet validity, issuance, holder, etc

 - Customs relevant & non-confidential TIR-EPD data (incl. release for transit information)

 - SafeTIR termination data (+ start/end of operation & additional relevant customs information, e.g. seals affixed)

Real Time SafeTIR



Web Service system to system connexion

For full automation of the SafeTIR related procedures:

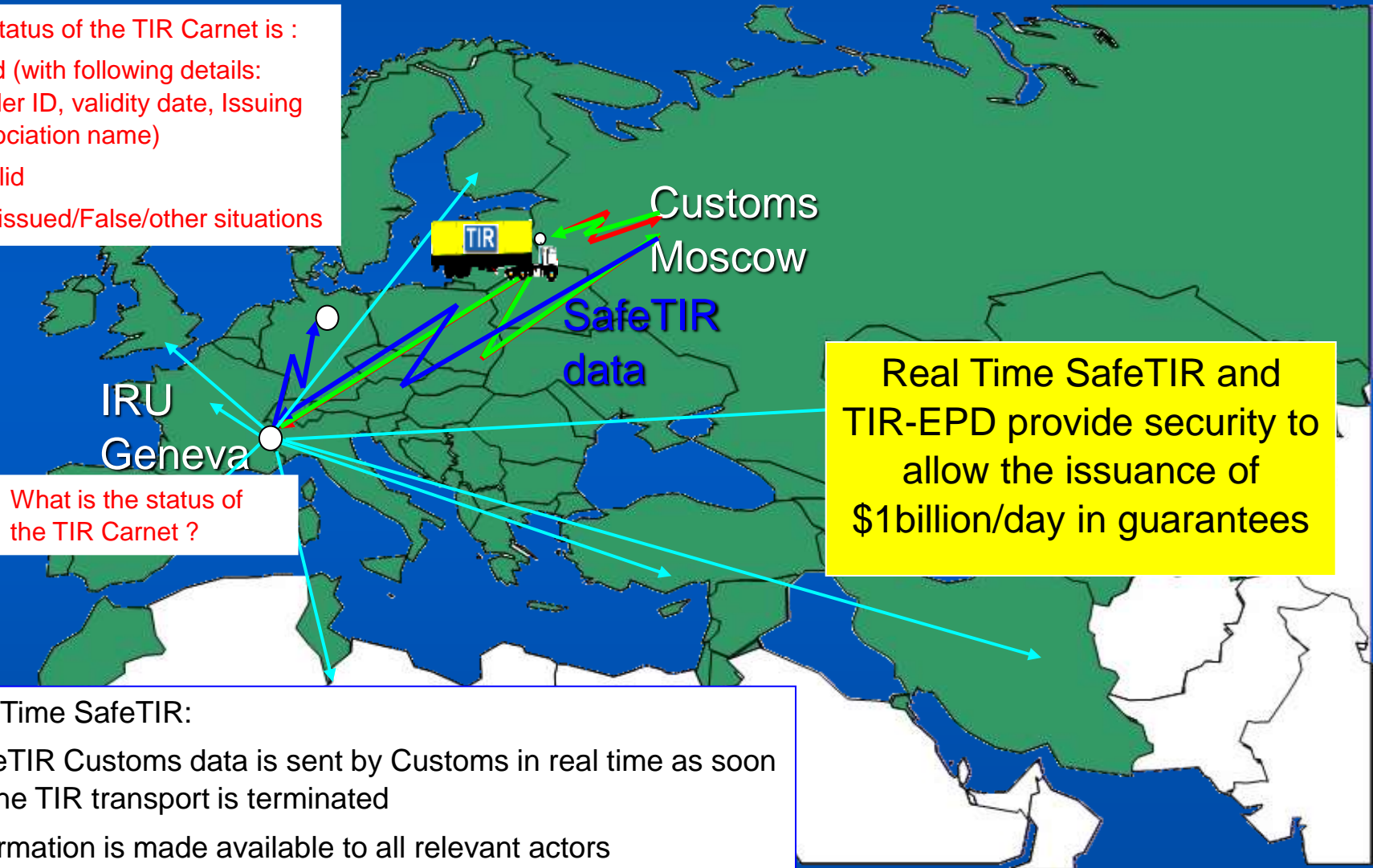
- TIR Carnet status control
- Automatic SafeTIR data transmission
- Electronic SafeTIR reconciliation

**Connecting Business and Customs
to facilitate and secure international trade**

Increased Security thanks to IRU RTS

The status of the TIR Carnet is :

- Valid (with following details:
Holder ID, validity date, Issuing Association name)
- Invalid
- Not issued/False/other situations



What is the status of the TIR Carnet ?

Real Time SafeTIR:

- SafeTIR Customs data is sent by Customs in real time as soon as the TIR transport is terminated
- Information is made available to all relevant actors



RTS Benefits for Customs

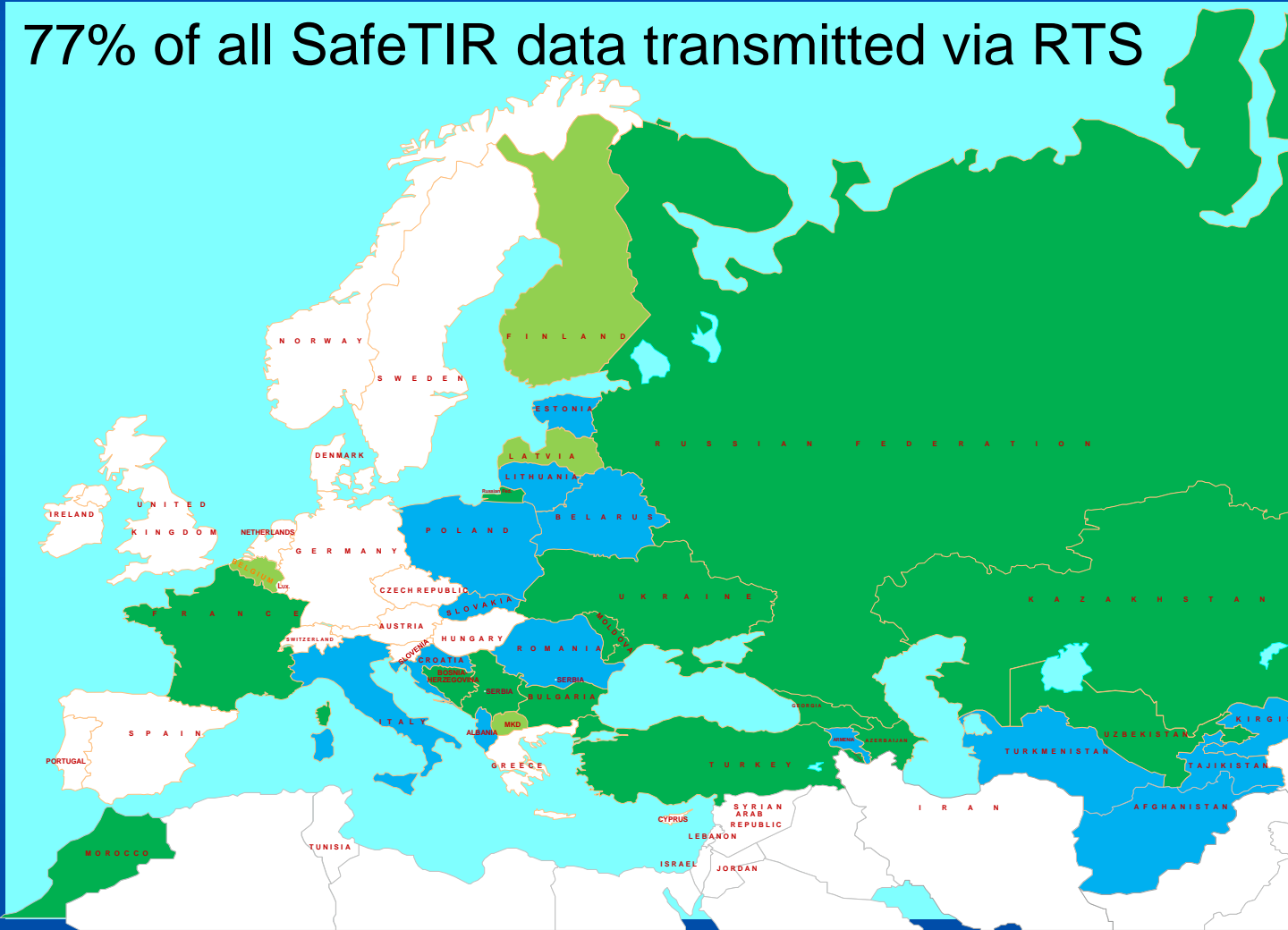
- Increased security of the TIR system
- Reduced resource intensive activities
- Timely TIR Customs operations
- Enhanced cargo throughput performance at borders
- Rapid reaction to deal with irregularities as they occur



Real-Time SafeTIR Progress

- Now 13 countries in operation!
- 1 new countries added since last GE.1 meeting:
 - Uzbekistan
- 5 in development or tests with expected imminent going live expected:
 - Belarus, Belgium, Finland, Latvia, Macedonia
- Following additional 13 countries are currently in the pipeline :
 - Afghanistan, Albania, Armenia, Croatia, Estonia, Italy, Kyrgyzstan, Lithuania, Poland, Romania, Slovakia, Tajikistan, Turkmenistan
- 77% of all SafeTIR data transmission is performed in real time
- 50% of all TIR Carnets in circulation in are now checked for validity at least once by one National Custom Authority

77% of all SafeTIR data transmitted via RTS



- Now 13 countries in operation
- 5 countries in development or test :
 - Belarus
 - Belgium
 - Finland
 - Latvia
 - Macedonia
- 13 countries in the pipe:
 - Afghanistan
 - Albania
 - Armenia,
 - Croatia
 - Estonia
 - Italy
 - Kyrgyzstan
 - Lithuania
 - Poland
 - Romania
 - Slovakia
 - Tajikistan
 - Turkmenistan



Overview

17 countries live!

- Switzerland
- Croatia
- Syria
- Denmark
- Lebanon
- Spain
- Belgium
- Jordan
- Norway
- Portugal
- Tajikistan
- Ireland
- Sweden
- Slovenia
- Turkmenistan
- Armenia
- Mongolia

Enter a TR termination | Search for a TR termination

Search Filter

Carrel: [input] Last modified: [dropdown] Status: [dropdown]

Buttons: [Filter] [Reset]

Result: 3037 Terminations

Status	Carrel #	P/F	OK/IK	Page #	Customs	Certificate #	Certificate date	Ledger #	Ledger date	Last modified
[icon]	412500007	F	[icon]	4	Switzerland		04.05.2011	128 774	04.05.2011	04.05.2011 11:40
[icon]	4188000137	F	[icon]	10	swi			86	24.05.2011	05.07.2011 15:15
[icon]	415200000	F	[icon]	4	ROMA	9430m	05.07.2011	9430m	05.07.2011	05.07.2011 09:18
[icon]	303000000	F	[icon]	2	eyratel			86	02.07.2011	04.07.2011 16:33
[icon]	303000002	F	[icon]	4	eyratel			86	04.07.2011	04.07.2011 16:33
[icon]	410000027	F	[icon]	14	eyratel			86/eyratel	04.07.2011	04.07.2011 16:24
[icon]	105000001	F	[icon]	4	CUSTOMS 1			Ledger 1	04.07.2011	04.07.2011 16:05
[icon]	303000024	F	[icon]	15	Swi			Impoent14072011	02.07.2011	04.07.2011 15:53
[icon]	1010000010	F	[icon]	20	Customs Office	Certificate	01.00.2010	Customs ledger	01.00.2008	04.07.2011 15:01
[icon]	1010000010	F	[icon]	4	121	121	04.07.2011			04.07.2011 15:40
[icon]	4250000040	F	[icon]	2	eyratel			advR/adv07	04.07.2011	04.07.2011 15:22
[icon]	4189000019	F	[icon]	10	eyratel			adv763	01.07.2011	04.07.2011 15:19
[icon]	373000008	F	[icon]	3	eyratel			advper05	01.07.2011	04.07.2011 15:17
[icon]	405000007	F	[icon]	4	eyratel			advp007a2	04.07.2011	04.07.2011 15:15
[icon]	335000000	F	[icon]	2	Gen.			adv748-01	03.07.2011	04.07.2011 15:11
[icon]	4183000017	F	[icon]	4	perl			40	22.01.2011	04.07.2011 14:36
[icon]	4188410049	F	[icon]	3	perl	01030	15.06.2011	adv7965	15.06.2011	04.07.2011 14:33
[icon]	1162521739	F	[icon]	14	Swi			355	04.07.2011	04.07.2011 14:32
[icon]	4183000000	F	[icon]	3	eyratel	5470M3-0	30.06.2011	SEL0700	30.06.2011	04.07.2011 14:40
[icon]	1010000005	F	[icon]	3	EYRATTER	0578002	23.06.2011	SEL0002	23.06.2011	04.07.2011 14:40

Page 1 of 1 | Page 1 | 07/10 | 1/1

Terminations: 1 - 20 of 3037

Enter a TR termination | Search for a TR termination

Termination record: New

* TR Carrel reference number: [input]

* Violat page number: [input]

* Customs office: [input]

* Customs ledger: [input] Date: 13.07.2011 [calendar]

* Certificate of termination: [input] Date: 13.07.2011 [calendar]

* Final or partial termination? Final Partial

* OK or with reservation? OK With reservation

Customs comment: [text area]

Business (OK/obars) [input] (optional)

No of packages: [input] (optional)

Buttons: [Submit] [Save draft] [Cancel]

Enter a TR termination | Search for a TR termination

Confirmation
Termination successfully transmitted

Termination record: X04187422 - Connected

* TR Carrel reference number: X04187422

* Violat page number: 15

* Customs office: P16

* Customs ledger: [input]

* Certificate of termination: 0214022010110112000001

* Final or partial termination? Final

* OK or with reservation? OK

Customs comment: [input]

No of packages: [input]

Buttons: [Back to list] [Submit] [Cancel]



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- Overview
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Provide Associations with a **hosted, secure and high performance web application** ...

...that will reduce local infrastructure costs, improve **real-time integration, user friendliness and customisability** ...

...to further facilitate the TIR related work of the associations in accordance with the **TIR convention** as well as **IRU rules and regulations** ...

...and support the full **computerization of the TIR Carnets lifecycle**

Already 12 issuing associations are using the system every day! Going up to 19 by the end of 2012 and 24 within first 6 months of 2013



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- Overview
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- Further great progress achieved thanks to close partnership with Contracting Parties
- By end of 2012, all most important TIR countries will have EPD & RTS with B2C & C2B data exchange in operation
- TIR information is available with portal access for Customs, Associations and Holders
- The TIR process is computerized in most geographies



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for a better future*



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