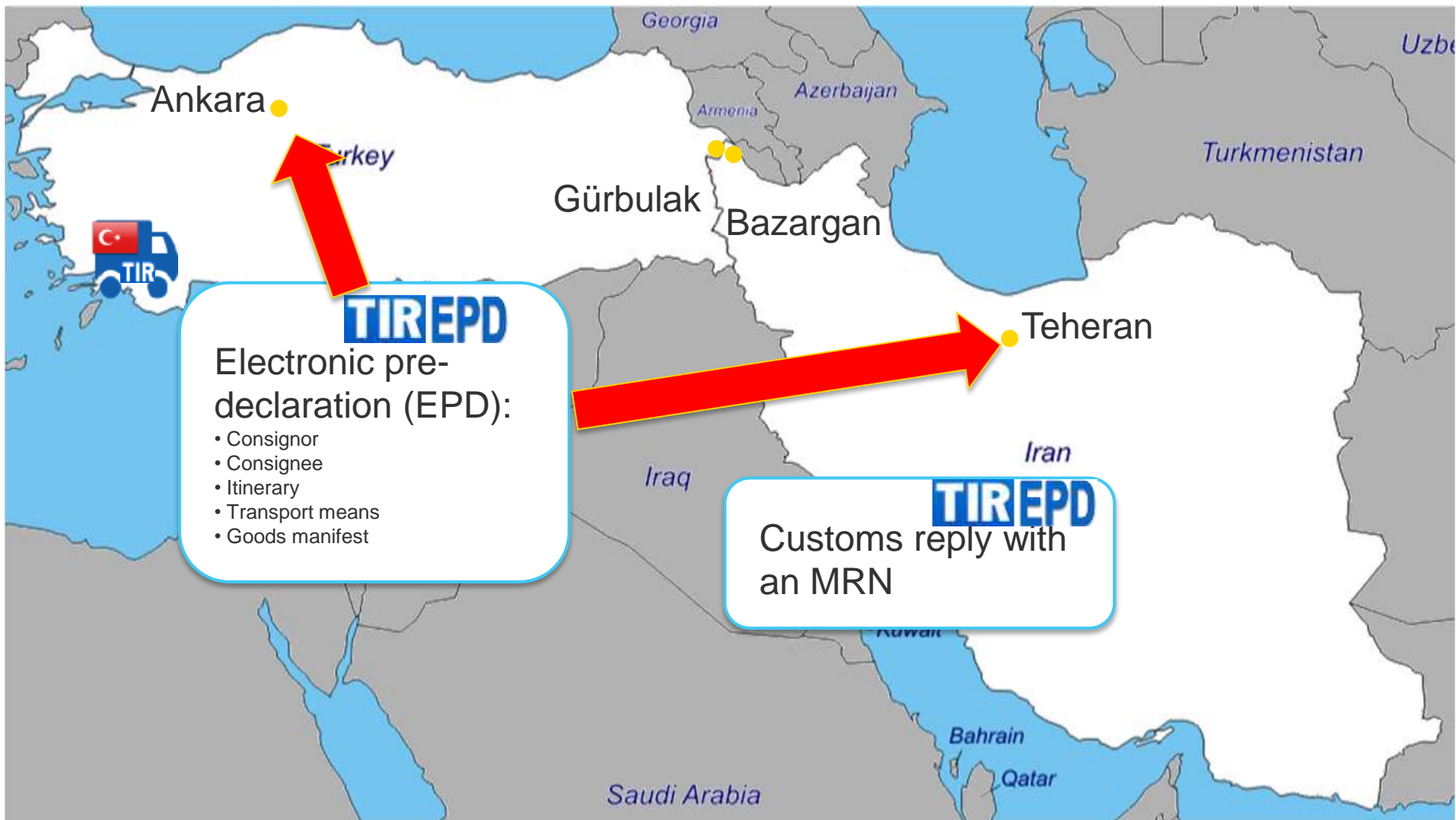
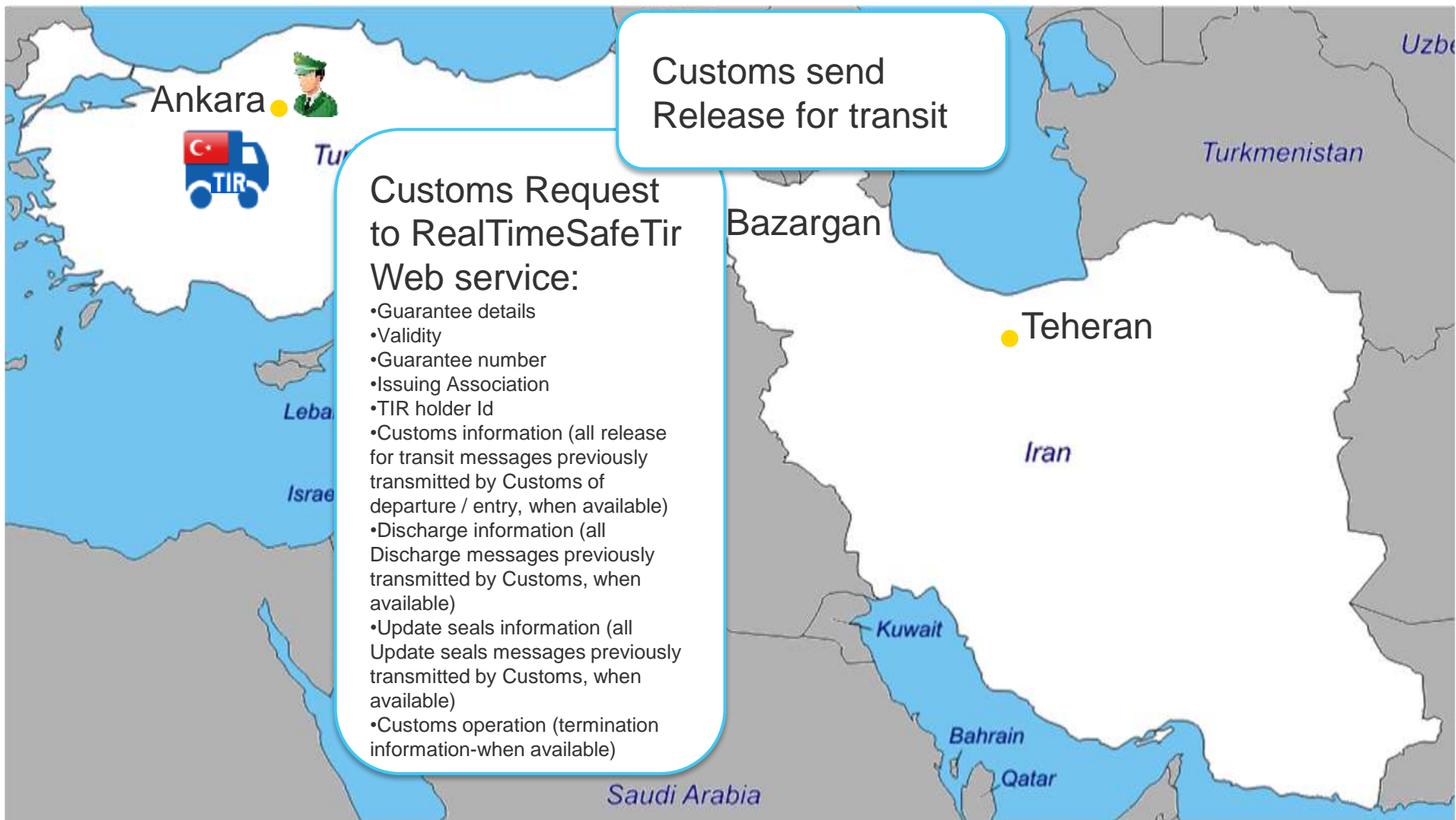




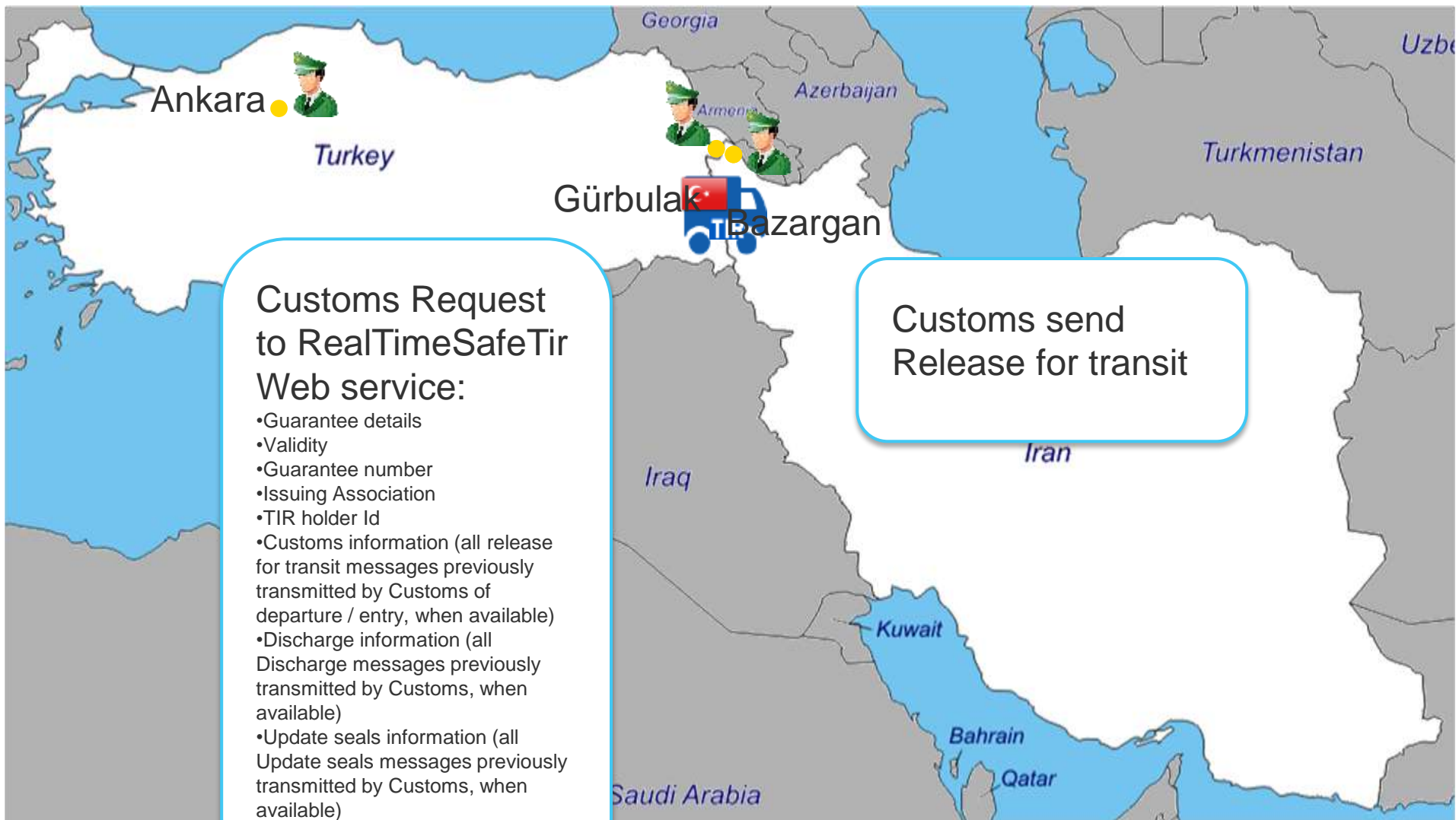
IT Tools in TIR / eTIR pilot

Thierry Kunz, Head of IT, IRU









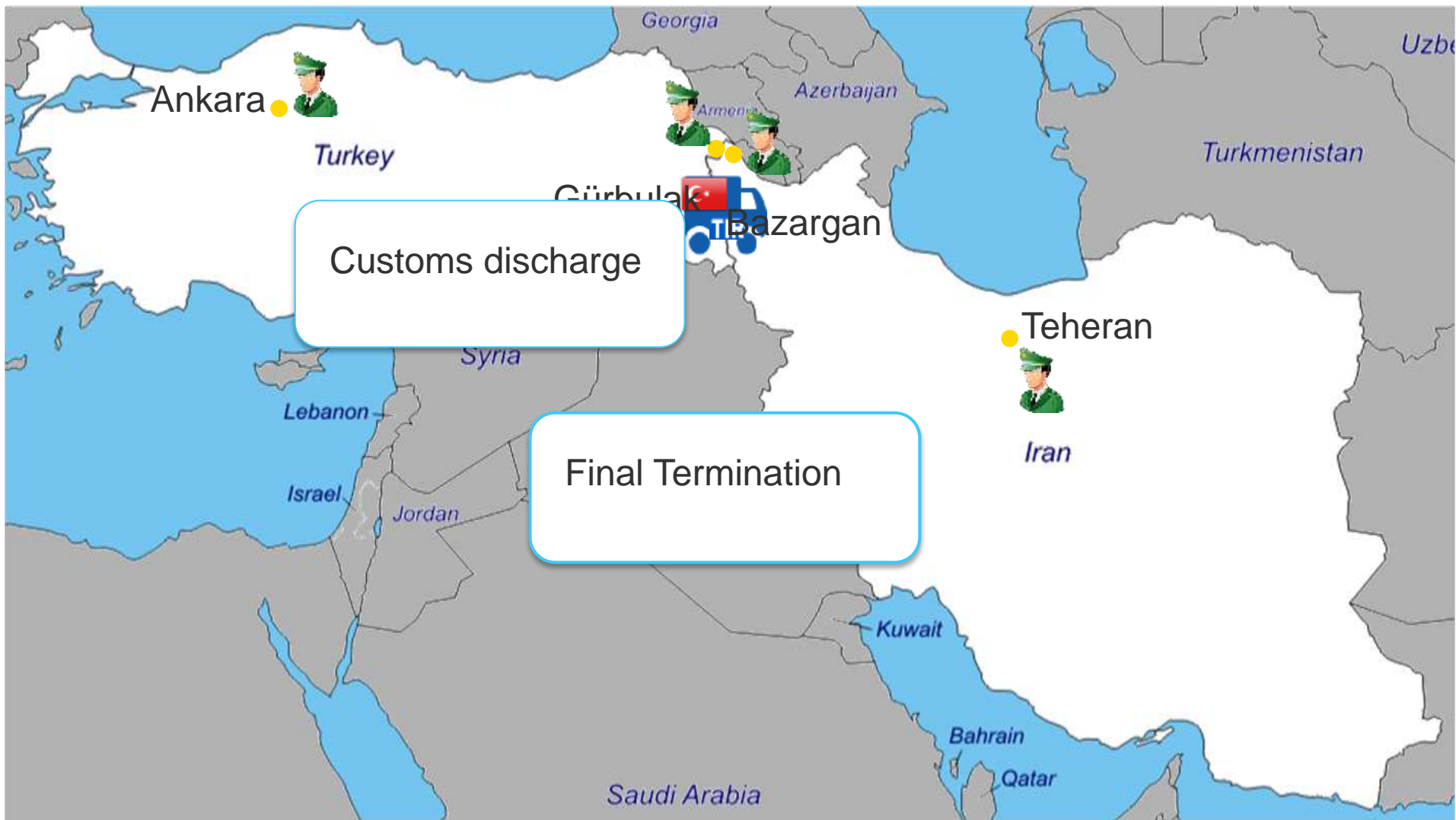
Ankara ● 
Turkey

Gürbulak ● 
Bazargan ● 


Customs Request to RealTimeSafeTir Web service:

- Guarantee details
- Validity
- Guarantee number
- Issuing Association
- TIR holder Id
- Customs information (all release for transit messages previously transmitted by Customs of departure / entry, when available)
- Discharge information (all Discharge messages previously transmitted by Customs, when available)
- Update seals information (all Update seals messages previously transmitted by Customs, when available)
- Customs operation (termination information-when available)

Customs send Release for transit



Customs discharge

Final Termination



IT Tools

TIR Holder Portal

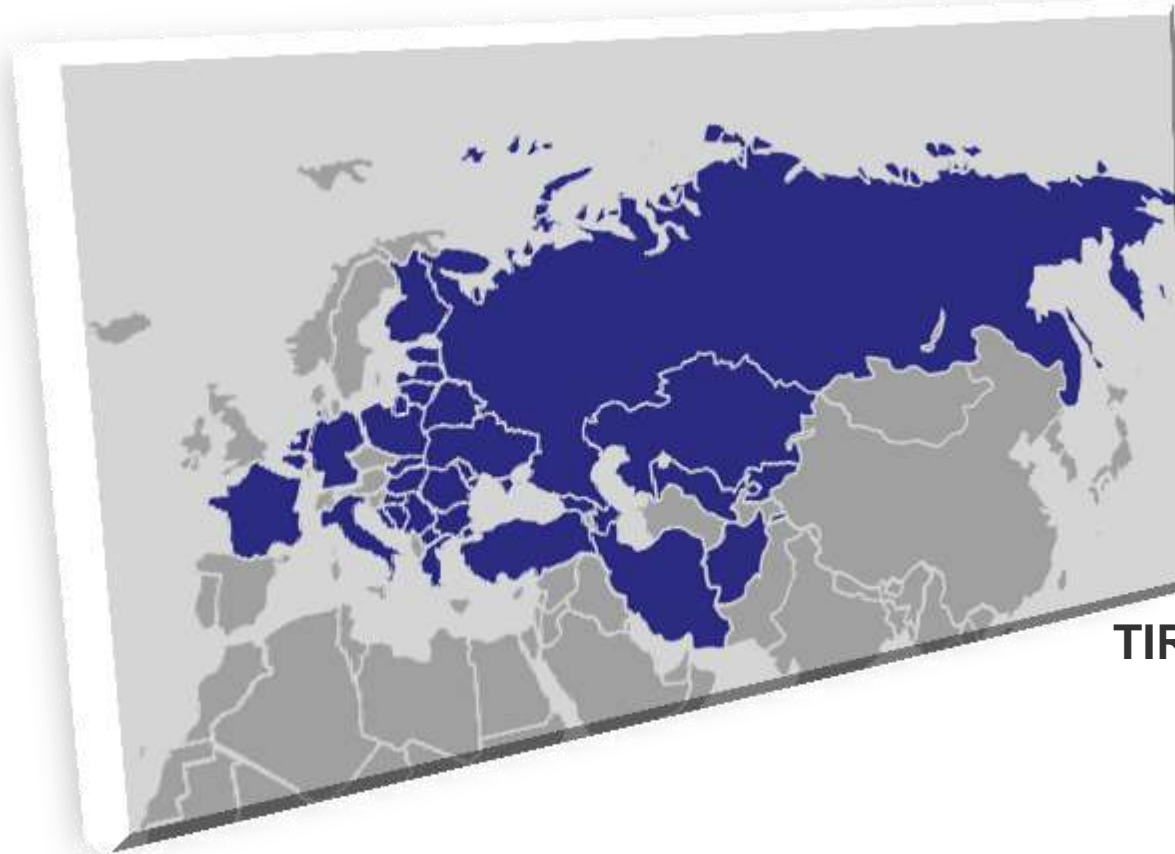
<https://tirepd.iru.org>



TIR-EPD Key Features & Benefits

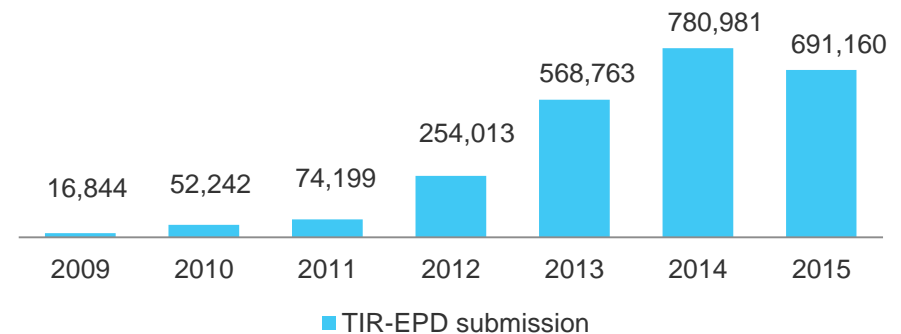
- ✓ Fully secure (inc. central DB check)
- ✓ Free of charge
- ✓ Data import
- ✓ Commercial data kept confidential
- ✓ EPD sent simultaneously to all countries
- ✓ Multilingual user interface
- ✓ Accessible via the internet from anywhere in the world
- ✓ **32 connected countries**

TIR-EPD Geographic Scope



- ✓ 32 TIR-EPD countries
- ✓ 98% of all issued TIR Carnets
- ✓ 95% of all TIR terminations

TIR-EPD Submission





Real-Time SafeTIR Key Features & Benefits

- Secure real-time guarantee check
- SafeTIR data transmission
- Data reconciliation
- Secured web services

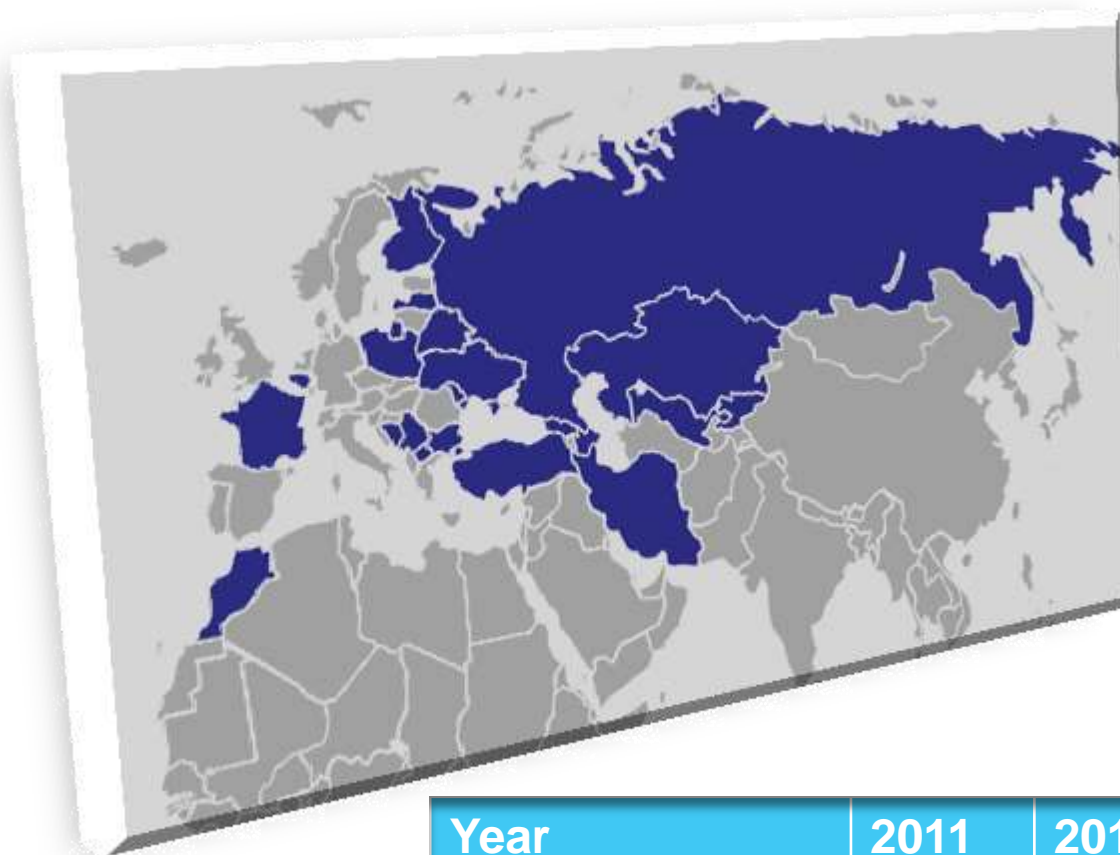
From	To	Reference #	Release for transit	Exit / Transit terminated	Discharge
+ TUR - TR350300 - IZMIR GUMRUK MI	TUR - TR041600 - GURBULAK GUMR	16TUR3503000059032	19/03/2016	24/03/2016	24/03/2016
+ IRN - 30100	IRN - 25200	16IR22pcjvwjmja925	25/03/2016	28/03/2016	28/03/2016

RTS Geographic scope



21 countries implemented RTS

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



80% of SafeTIR data is transmitted by RTS

Year	2011	2015
Average transmission delay for SafeTIR information	4, 4 days	1,7 days

In progress:
Italy

Next countries
Armenia
Tajikistan

Key benefits of using RTS and TIR-EPD for customs authorities



- RTS and TIR-EPD are directly integrated into customs IT systems
 - Customs authorities do not need to use any application or interface other than their own IT systems
 - Proven reliable and efficient way of exchanging information
-

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
- *Submission of EPD responses*

The screenshot displays the TIR Customs Portal interface. At the top, there's a navigation bar with 'English', 'IRU', and 'IRRU / SafeTIR'. Below that, the main header reads 'TIR Customs Portal' and 'Consultation Of TIR Carnet Data'. A search bar contains the TIR carnet number 'XV9500024'. The search results show the carnet status as 'The TIR carnet was returned to the IRU' with an expiry date of '16/05/2016'. The issuing association is 'TR/T0BB, Turkey (TUR)' and the holder details are 'TUR0420425'. The carnet general information includes 'Carnet type: 4 pages', 'Issued to association on: 02/04/2016', 'Issued to holder on: 02/04/2016', and 'Expiry date: 16/05/2016'. The TIR-EPD information section shows a table with columns for 'Messages', 'Relieve', 'Verification', and 'Discharge'. The table contains two rows: 'TUR TR250300 - TR041900' and 'IRN 30100 - 10360', both with green checkmarks in the 'Relieve', 'Verification', and 'Discharge' columns. At the bottom, there's a table for 'Customs operations (Z)' with columns for 'Country', 'Customs', 'P/F/E', 'OK/IL', 'Page #', 'Ledger #', 'Certificate #', '# of packages', 'Customs consents', and 'Received by IRU'. The table shows two rows: 'TUR TR041900' and 'IRN 30300', both with green checkmarks in the 'P/F/E', 'OK/IL', and 'Received by IRU' columns. The footer includes '© 2014-2016 IRU', 'Terms and Conditions', 'TIR Customs Portal 1.1.17', and the IRU logo.



Security of the IT systems

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



Security of the data exchange



- Secured connection to applications (https, SSL)
- Secured web service exchange (web security)
- Authentication of users to whom the access to applications is granted

