

ITDB and eTIR project related status

TIR Technical Implementation Body (TIB)
Fifth session, 12-13 June 2023

TIR secretariat – Geneva



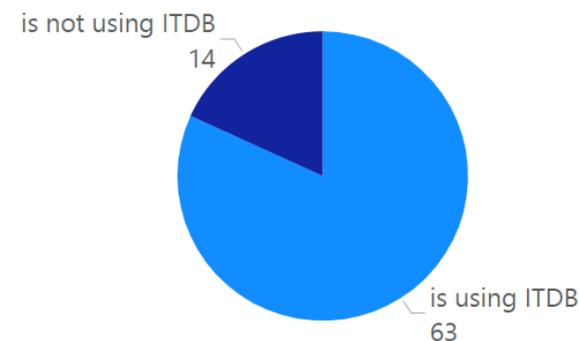
ITDB usage and data status



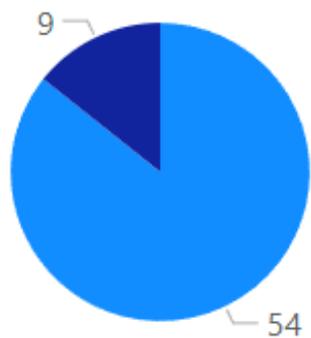
- 1,156 web application users *(since 2018)*
- 30,089 authorized holders +426
- 282 stamps and seals records +6
- 2,991 TIR customs offices +140

(Details of charts below available upon request at itdb@un.org)

Contracting Parties with ITDB users since 2018

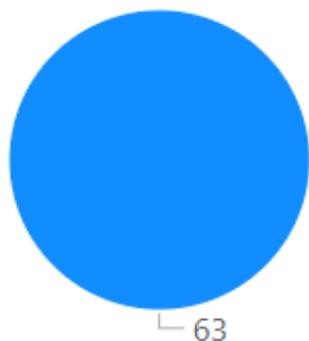


Active Contracting Parties with holder data



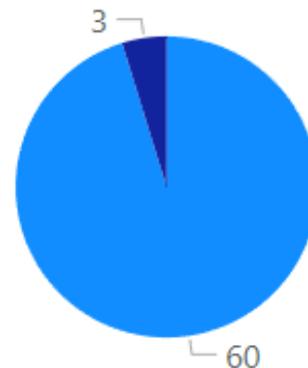
● Has auth. holders ● No auth. holder

Active Contracting Parties with Customs or Nat. Associations users



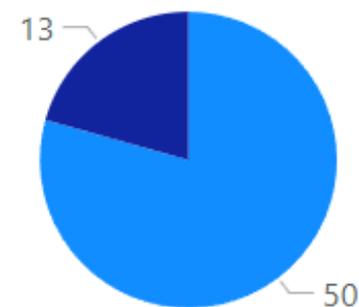
● Has users

Active Contracting Parties with stamps or seals data



● Has Stamps/Seals ● No Stamps/Seals

Active Contracting Parties with customs offices data



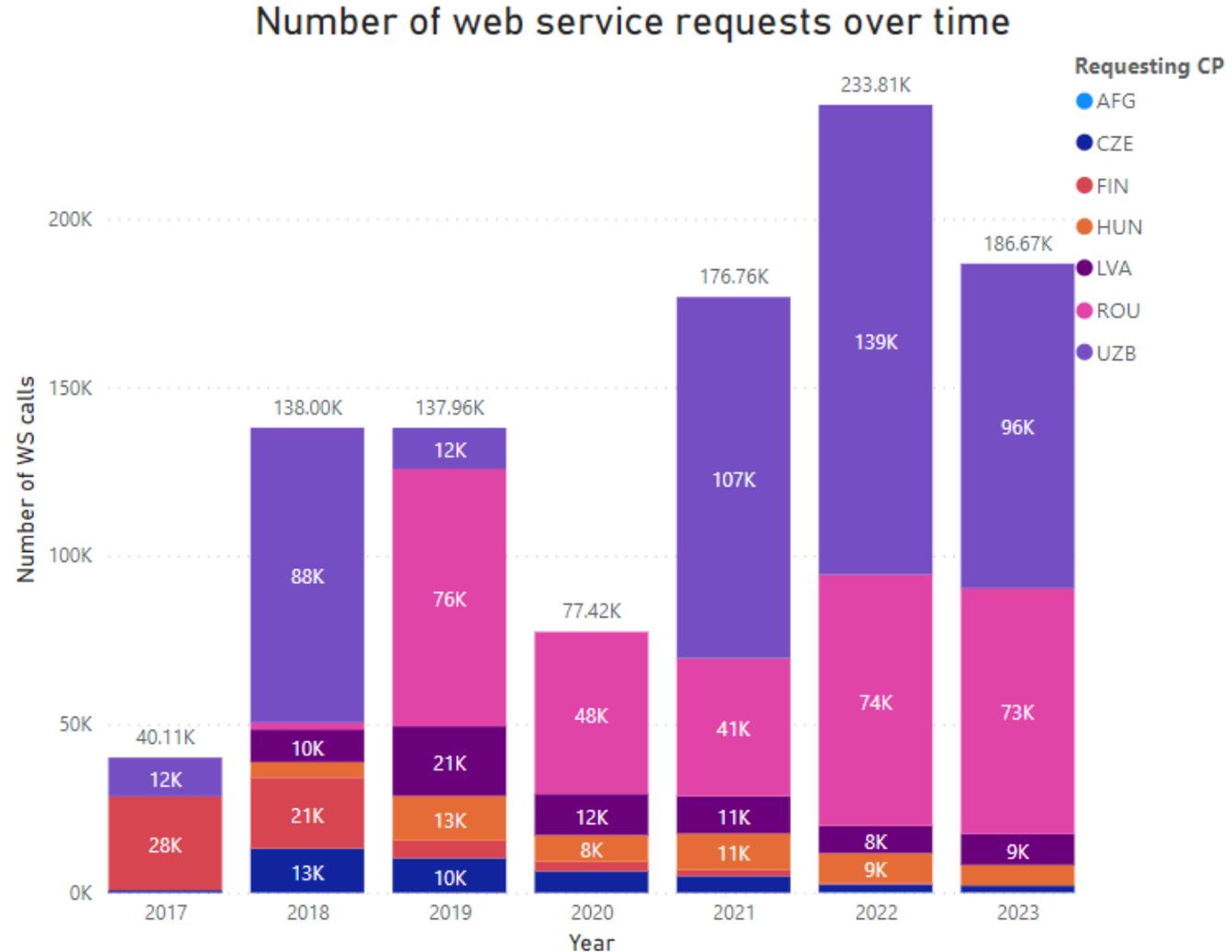
● Has cust. offices ● No cust. office

ITDB web service status



- Approximately 138,000 web service calls per year in 2018 and 2019
- 77,700 WS calls in 2020
- 176,710 WS calls in 2021
- 233,740 WS calls in 2022
- 186,670 WS calls so far in 2023

→ *Current trend similar to 2022*



ITDB usage and data status



Recent achievements:

- Focus on eTIR National Application project implementation
 - Implementation completed at 95%
 - Test completed at 90%
 - Addition of Kazak, Kyrgyz and Persian language support

Activities planned by end 2023:

- Finalize eTIR NA project and focus on first deployments
- As before:
 - Continue supporting eTIR Mobile users
 - Extend eTIR Portal and ITDB languages
 - Continue supporting contracting parties in customs office data import
 - Support conformance tests (ITDB data import/updates)

eTIR National Application context



- Problematic: customs authorities adoptions to the eTIR procedures is taking too much time due to the necessary, yet lengthy, eTIR interconnection process. Need to enable eTIR faster through out the TIR convention contracting parties.
- Proposed solution: implementation by the UNECE TIR secretariat of a web application, allowing customs officers to perform necessary “eTIR actions”, connected to the eTIR international system.

eTIR NATIONAL APPLICATION

High level perspective

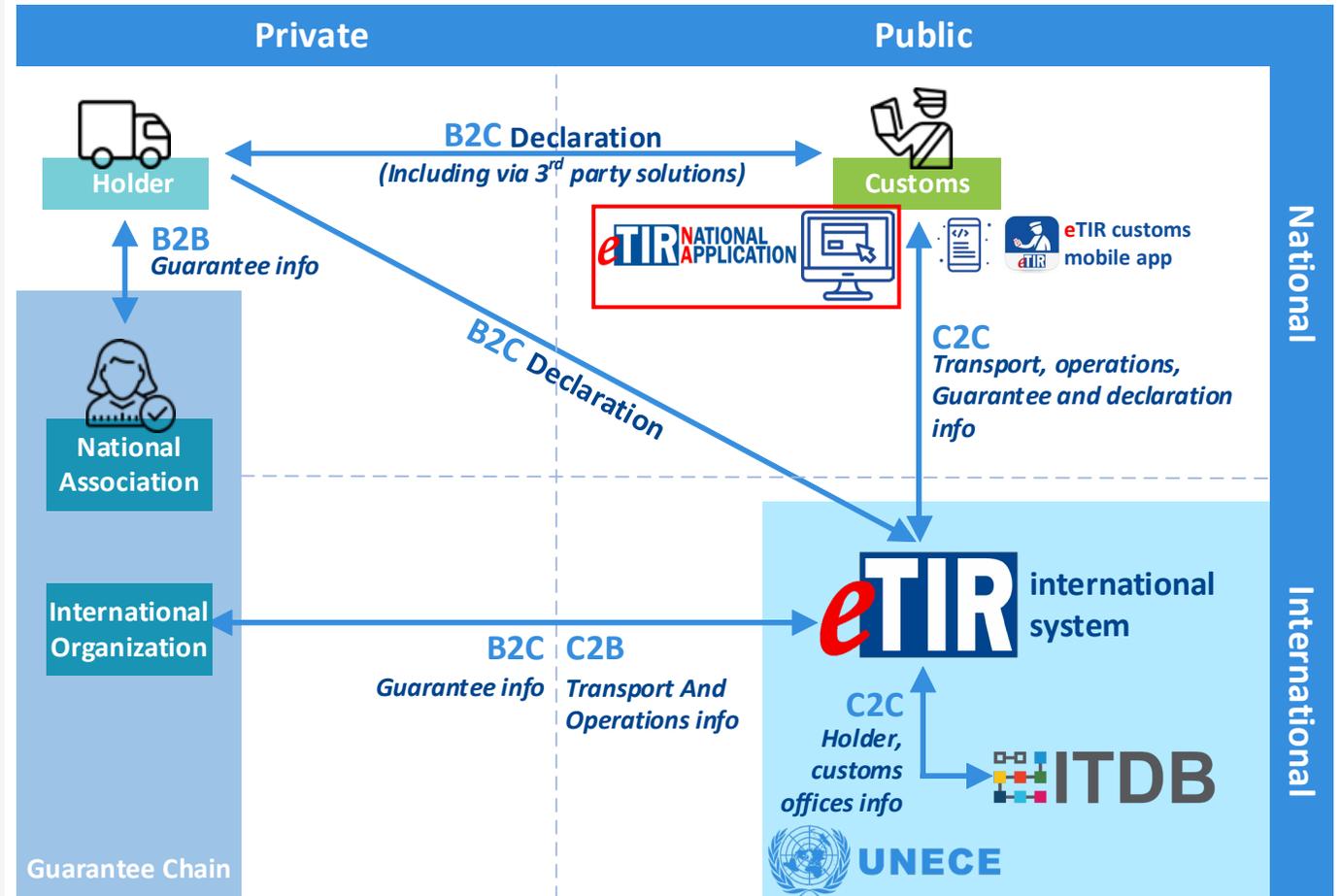


- Allow customs officers to
 - Access eTIR transport information
 - Receive eTIR messages (advance TIR/amendment data, notification, ...)
 - Send eTIR messages to record TIR procedure completions.

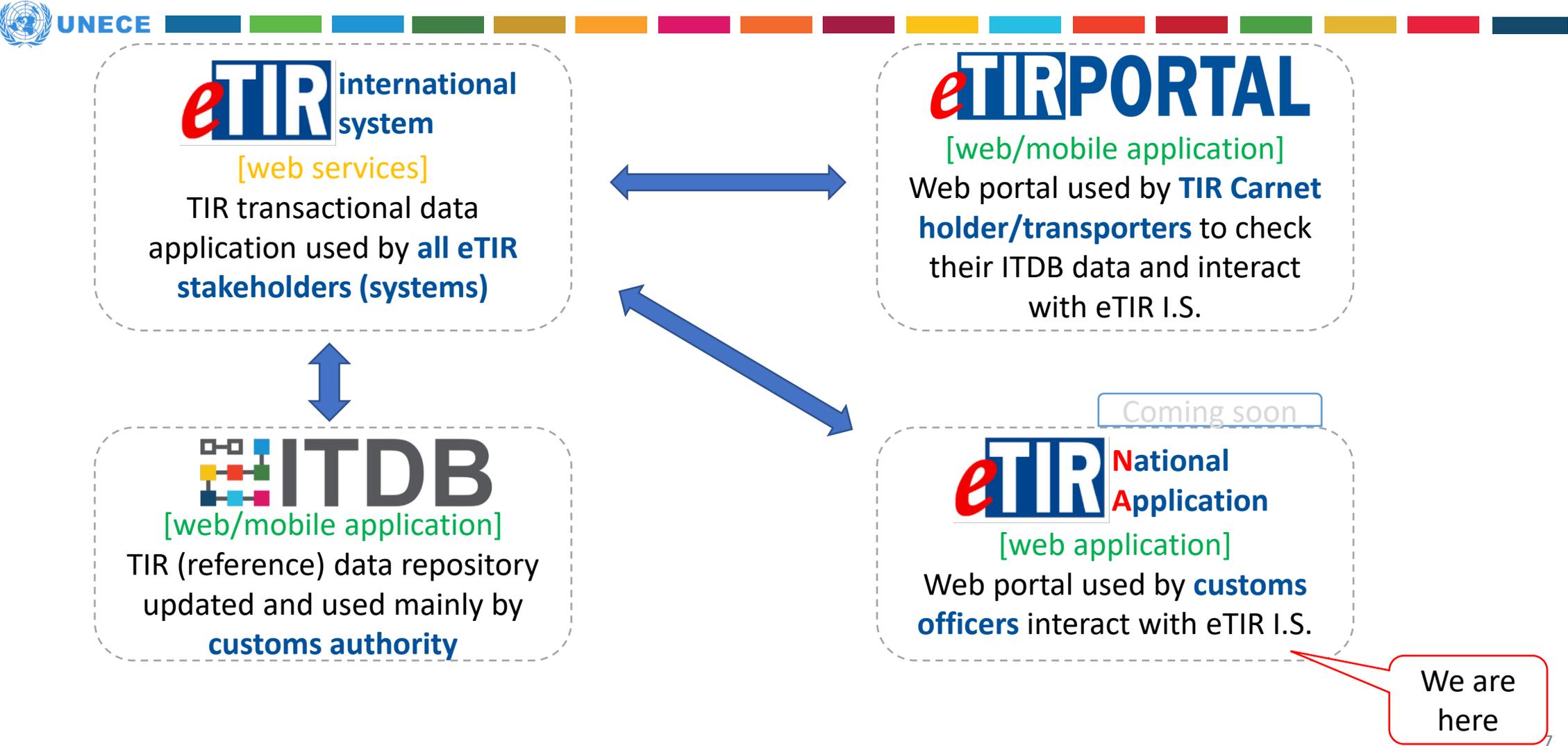
- Accessible via :
 - **eTIR National Application**  web application

- Full based on existing eTIR messages and procedure.

- Compliant with eTIR conformance test requirements.



Application landscape



Main features



- eTIR interactions:
 - Send and receive all eTIR messages related to customs

- Internationalization:
 - Ease to add any new languages

- Hosting options:
 - SaaS
 - On premises
 - Hybrid

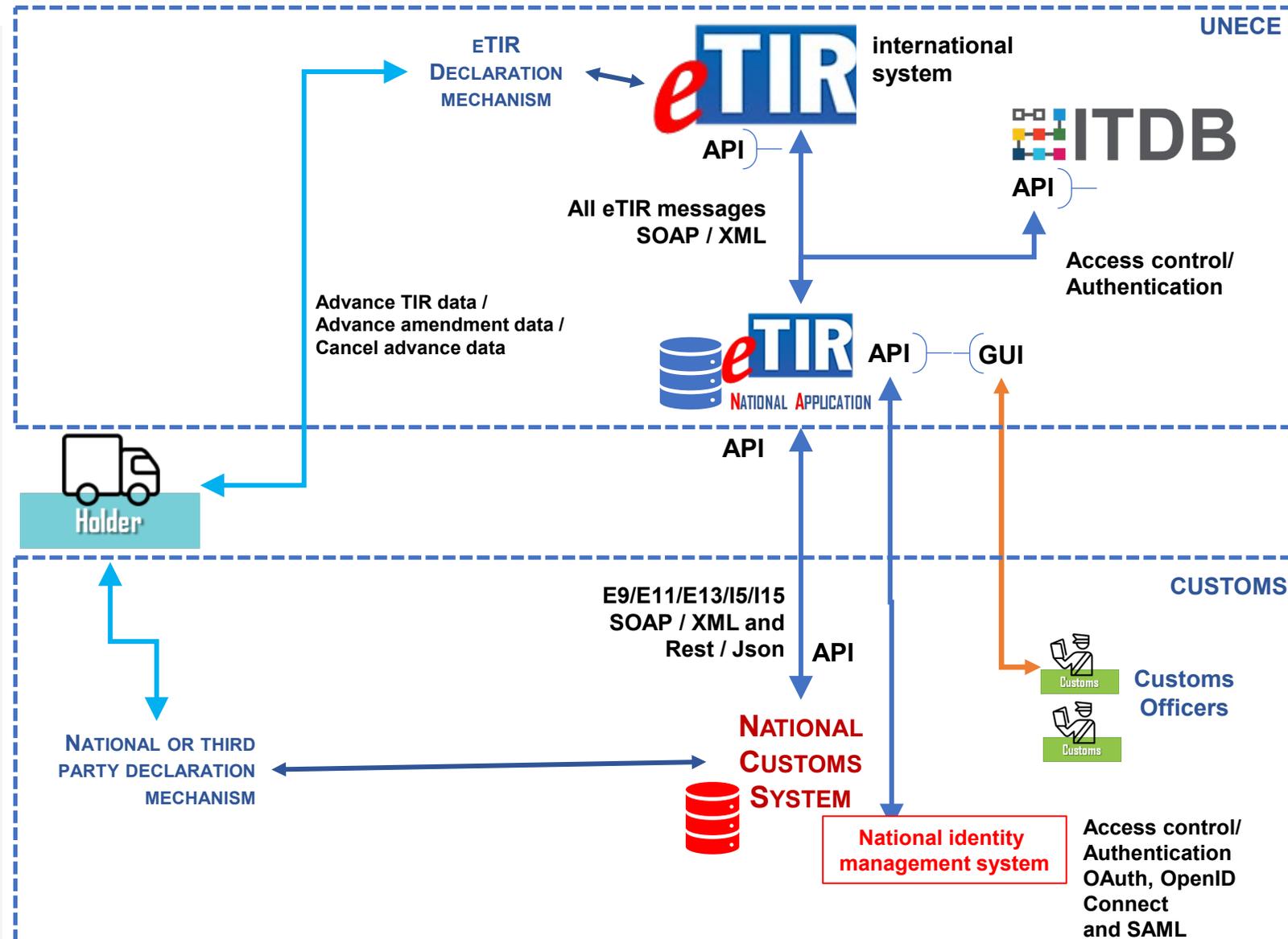
- Integration:
 - with eTIR:
 - eTIR transport data
 - TIR operations
 - with ITDB:
 - TIR Carnet Holder status
 - Customs offices data
 - Customs sealings and stamps data
 - Authentication (optional)
 - with national customs system
 - Authentication (optional)
 - Advance TIR data via API

Hosting options (1/3)



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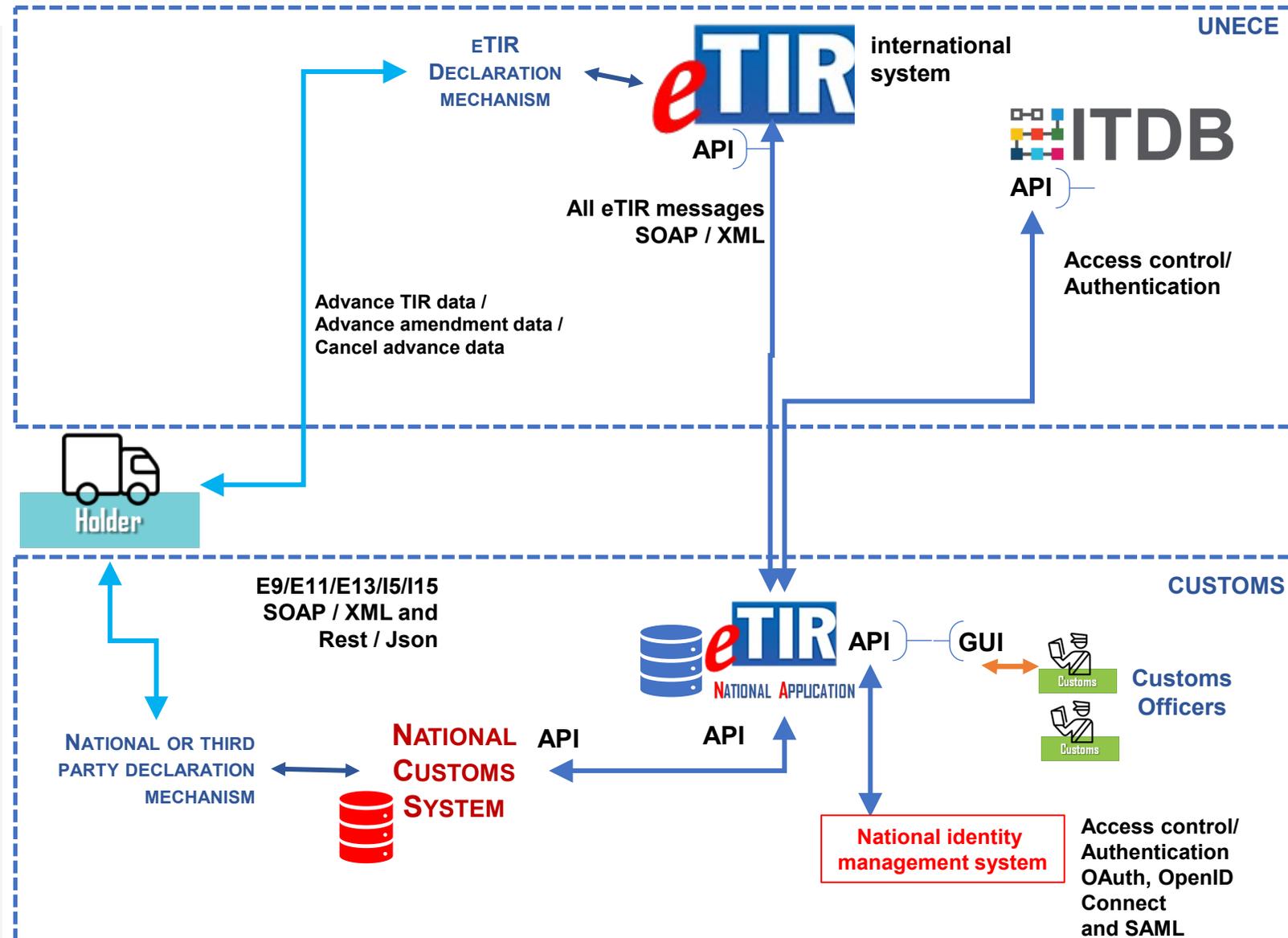
- **SaaS option:** eTIR NA installed in customs servers. Interfaces (APIs) should be developed by UNECE and customs in order to receive (E9) and send (I6) data to their national customs systems.
- **Conditions / Prerequisites:**
 - Training of the Customs officers to use the system
 - UNECE has to ensure the installation (prepare servers). Requires resources involved from UNECE side
 - Customs has to develop interfaces (API) with their national customs systems.
 - Maintenance / updates ensured by UNECE.



Hosting options (2/3)



- **On-premises option:** eTIR NA installed in Customs servers. Interfaces (APIs) should be developed by UNECE and customs in order to receive (E9) and send (I6) data to their national customs systems.
- **Conditions / Prerequisites:**
 - Training of the Customs officers to use the system
 - Customs has to ensure the installation (prepare servers). Requires resources involved from Customs side
 - Customs has to develop interfaces (API) with their national customs systems.
 - Maintenance / updates (guides provided by us) are customs authorities responsibility.

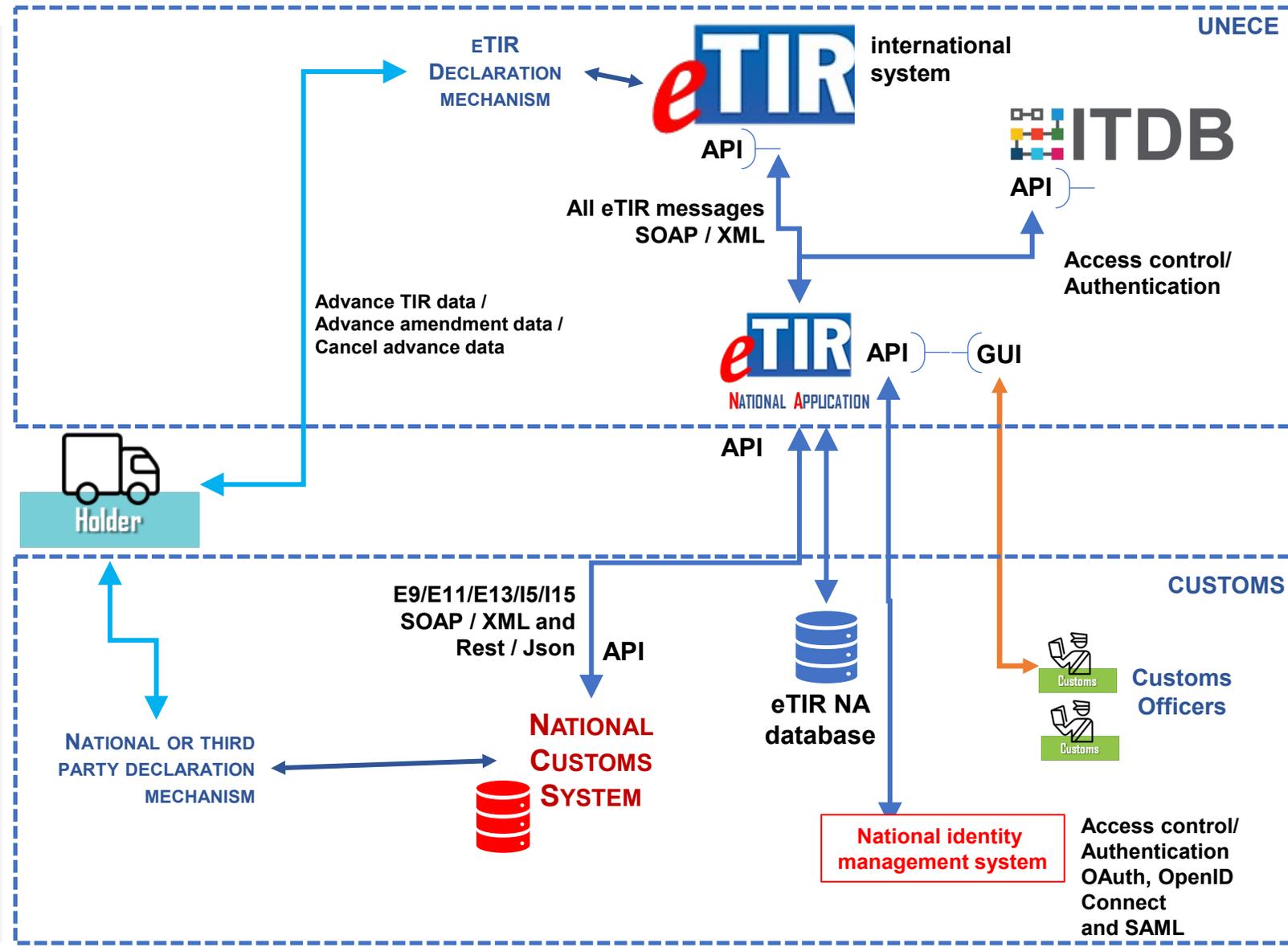


Hosting options (3/3)



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- **Hybrid option:** eTIR NA installed in our servers but the database installed in customs premises. stand alone application.
- **Conditions / Prerequisites:**
 - Training of the Customs officers to use the system
 - Customs has to prepare servers / databases and interface. Requires resources involved from Customs side.
 - Maintenance / updates ensured by UNECE except for database to be cared by customs team.



Thank you!

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12-13 June 2023, Geneva

