

eTIR NATIONAL APPLICATION

eTIR National Application project status

Technical implementation Body (TIB)
Sixth session, 05-06 February 2024
TIR secretariat – Geneva



- Received draft reports on the gap analysis of Customs Systems and eTIR International System from experts from Kazakhstan and Kyrgyzstan:
 - Consultations were held between the experts and the TIR Secretariat where potential solutions were identified.
 - The experts are now in the process of finalizing the reports for their respective countries.
- For the gap analysis of Customs System of Tajikistan and eTIR International System an experts was proposed :
 - A meeting is planned next week.

eTIR National Application development

- Currently finalising the incorporation of Rest API.

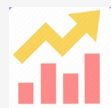
eTIR National Application Terms of reference

- The secretariat is presently working, in collaboration with the UN administration and the legal office, to draft an exchange of letters, formalizing, from a legal standpoint, the adherence to UN and governmental laws with respect to the provision, at no-cost, of the eTIR National Application.

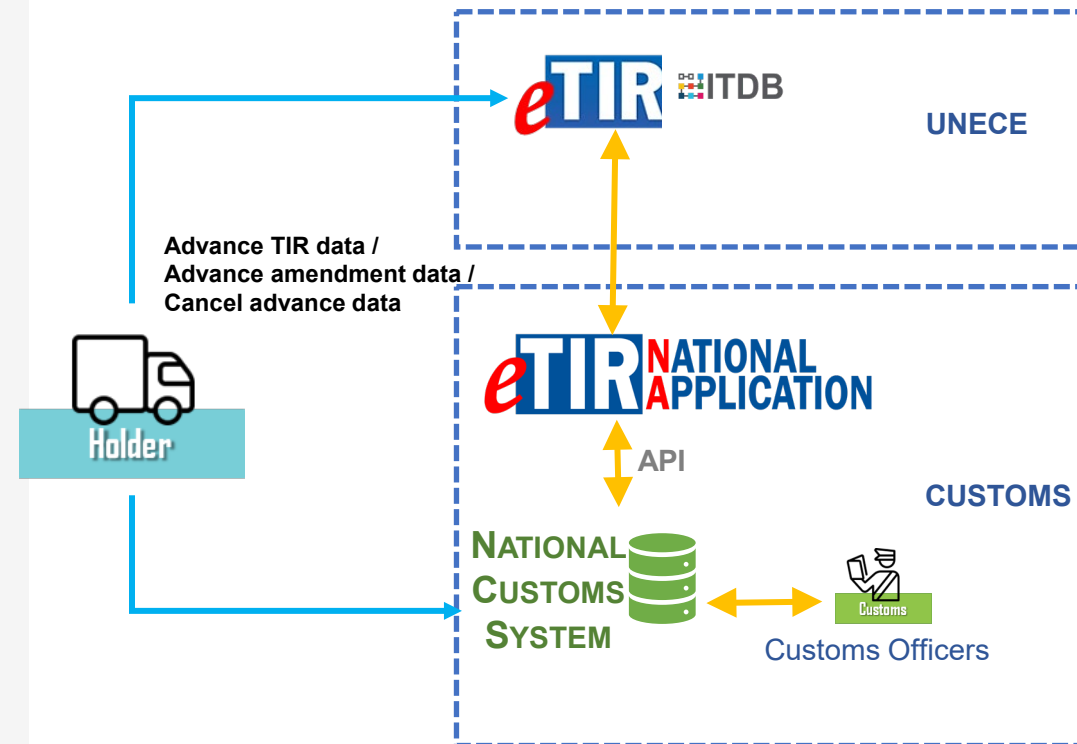


The eTIR National Application seamlessly integrates with customs premises through the utilization of the Rest API. This integration empowers customs authorities to establish a robust connection between their local customs system and the global eTIR International System.

1. Implementation of the Query Guarantee endpoint
2. Implementation of the Accept Guarantee endpoint
3. Implementation of the Start Operation endpoint
4. Implementation of the Terminate Operation endpoint
5. Implementation of the Discharge Operation endpoint
6. Implementation of the Refusal to start endpoint
7. Implementation of the Record / Amend declaration endpoint



eTIR National Application Rest API completion progress 95%.



API documentation



- Swagger was selected for our API documentation, ensuring the provision of comprehensive information on successfully consuming and integrating with the API.
- It is accessible locally by entering this URL :
<http://localhost:port/public/swagger-ui/index.html/>
- Or via our SIT env:
<https://etir-na-api-sit.unece.org/public/swagger-ui/index.html>

The screenshot shows the Swagger UI for the eTIR National Application Resource Server API. At the top, the Swagger logo is visible, along with the text "Supported by SMARTBEAR". A dropdown menu labeled "Select a definition" is set to "json-api-endpoints". The main heading is "eTIR National Application Resource Server API" with version "1.0.0" and "OAS3" tags. Below this, the URL "/public/api-docs/json-api-endpoints" is shown, followed by a description: "Provides back end API functionality to drive the eTIR National Application" and a link to "Contact UNECE". A "Servers" section contains a dropdown menu with the value "http://localhost:8086 - Generated server url". The API endpoints are listed under two controllers: "guarantee-controller" and "json-operation-controller". Each endpoint is shown with its HTTP method (POST), path, and a brief description.

Controller	Method	Path	Description
guarantee-controller	POST	/api/v1/queryGuarantee	QueryGuarantee(15) request handler
	POST	/api/v1/acceptGuarantee	Returns OperationResponse I2 response for requested guaranteeId
json-operation-controller	POST	/api/v1/operation/terminate	Returns TirMessage I12 response content XML for requested guaranteeId
	POST	/api/v1/operation/start	Returns TirMessage I10 response content XML for requested guaranteeId
	POST	/api/v1/operation/refusal	Returns TirMessage I17 response content XML for requested guaranteeId
	POST	/api/v1/operation/discharge	Returns TirMessage I14 response content XML for requested guaranteeId

More information on eTIR scan here:



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