Who can develop an API and perform conformance tests?

The EUDR web services enable Application Programming Interface (API) conformance tests for various stakeholders, including economic operators (meaning operators and traders under the EUDR), authorised representatives, public sectors, and IT service providers. After registering and developing an interface, these parties can perform multiple conformance tests during the initial phase of API testing.

The conformance tests are designed for web services that enable machine-to-machine communication via an API. **Four scenarios** are foreseen:

1. **Economic operators** who develop an API for themselves to manage their data.
2. **Authorised representatives** who develop an API to submit and manage Due Diligence Statements (DDS) on behalf of economic operators.
3. **Public sectors** who develop an API to facilitate upload and management of already existing data from public systems for economic operators.
4. **IT Service providers** who develop an API to provide technical facilitation for economic operators without being an authorised representative.

IT service providers and API development

IT service providers are encouraged to participate in the conformance testing if they intend to offer a DDS submission and management service to economic operators, either by developing software to be used by economic operators, or by submitting and managing DDS for economic operators. The latter is possible as authorized representative (scenario 2 above) or as an IT service provider (scenario 4 above).

1. IT service providers who are **established in the EU** can register as "operators" with the role of "Authorised Representative" in the EUDR component of TRACES. This operator role allows them to be authenticated with their own credentials and to submit DDS on behalf of economic operators. Please note that a written mandate is needed to act as an authorized representative according to Art. 2(22) of the EUDR, and that the "Authorised Representative" role is only available to persons established in the EU.
2. IT service providers **established outside of the EU or those not wishing to act as an authorized representative** can still function as a service provider for other economic operators, but must consider the following:

   1. In the ACCEPTANCE server, IT service providers can register in the EUDR system as "Operator", which will allow them to select all relevant activities in the DDS and emulate the service to economic operators.

   2. To test the "Import" or "Export" activities in the ACCEPTANCE server, they must register with an EORI as an operator identifier. If they don't have one, they can indicate a fictitious value for the development and tests purposes only. The fictitious value must start with one of the EU member states' ISO 2-character code.

   3. In the LIVE server, IT service providers need to "impersonate" their clients for each DDS submission via the API, meaning they need to authenticate in the system with their clients' user credentials every time they perform a DDS submission on behalf of a specific client. If confidential authentication information of clients is stored in other systems, they are solely responsible for the security, maintenance, and use of this data in line with applicable data protection laws.

Note: The EUDR User Guide provides details on registration. Further information is available on the dedicated website of the EUDR Information System, including the API technical specifications.