

## Code of practice for the company for the performance of tests for the machine-machine interface of the customs information systems

The purpose of this document is to describe activities related to testing that a company needs to undertake if it wishes to start submitting documents in the customs information systems of the Estonian Tax and Customs Board (hereinafter the ETCB) using a machine-machine interface.

The prerequisites for the company to start tests for the machine-machine interface are the following:

- the company has reviewed the technical specification for interfacing the information system on the website of the ETCB:

[Complex](#)

[ICS](#)

[ECS](#)

[NCTS](#)

- the company has carried out its software development activities;
- the company has signed up for the X-Road data exchange layer development environment and set the X-Road secure server (see additionally the webpage "[Data Exchange Layer X-tee](#)").

Once these prerequisites have been met, the representative of the company submits a request for access to be provided to the ETCB's service "xteeTolliOperatsioon" for the purposes of performing tests.

If it becomes apparent during testing that the company has started testing with software not enabling the relevant exchange of messages in compliance with the specifications, the ETCB can suspend testing until any errors have been corrected.

A request is submitted in a free format via e-mail to [xteetest@emta.ee](mailto:xteetest@emta.ee). In addition to a wish to access the service "xteeTolliOperatsioon", the request has to include:

- details of the company performing tests (name, EORI number);
- designation of the ETCB's information system for which the testing of the machine-machine interface is sought;
- details of the business and technical contact persons for the company (name, telephone number, e-mail address);
- details of the persons performing tests (name, personal identification code) – only if access to

the web application <https://koolitus.emta.ee/>; for the ETCB's information system being tested is also sought;

- a schedule for performing tests (the schedule has to clearly state the period of time during which the company intends to transmit messages to the environment via the machine-machine interface, what messages are going to be transmitted to the information system and the functionality being tested);
- a schedule of the company's development and implementation activities for the introduction of the machine-machine interface in the product.

The ETCB takes not more than 10 business days to process a request and approves the schedule submitted for the performance of tests or, if necessary, proposes modifications to the schedules submitted in the request for the performance of tests. The ETCB communicates with the company via the business and technical contact persons specified in the request.

After the schedule for the performance of tests has been approved, the ETCB provides the company with access to the service "xteeTolliOperatsioon" in the X-Road development environment and provides prompt technical and user support during the approved testing period.

In order to modify the schedule of the performance of tests, the company has to submit a new request to the ETCB.

The modified schedule begins to apply after its approval by the ETCB.

To provide notification about malfunctions revealed during the testing of the machine-machine interface and to receive a consultation in relation to testing, an e-mail has to be sent to [xteetest@emta.ee](mailto:xteetest@emta.ee). In the event of malfunctions, it is necessary to describe as precisely as possible the activities during which and the conditions under which the malfunction arose and to transmit the text of the malfunction messages (if possible).

For the purposes of testing, testing scenarios compiled by the ETCB are run through; the testing scenarios are available at <https://www.emta.ee/et/>. The company is allowed to choose from among scenarios those that enable the functionality needed by it to be tested and the company informs the ETCB thereof. For tests to be declared successful, the scenarios have to be completed with a positive result, and a list of the completed test scenarios has to be transmitted to the ETCB with the customs reference numbers (MRN) assigned to the transmitted documents by the ETCB's information system via the machine-machine interface.

After the successful completion of tests, the ETCB concludes with the company an agreement for the use of the service "xteeTolliOperatsioon", on the terms of which the ETCB will make the service available for the company in the product environment.