



EUROPEAN COMMISSION
DIRECTORATE-GENERAL FOR INFORMATICS

Directorate B – Digital Services
DIGIT.B.3 – Trans-European Services

eInvoicing Conformance Testing Service

Service Offering Description

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The eInvoicing Conformance Testing is intended for Solution and Service Providers, Public Entities and Software Owners, to check the conformity of their existing eInvoicing solutions against the core invoice format of the European standard on eInvoicing (EN).

DEFINITIONS AND ACRONYMS

The table below provides an overview of key terminology related to the eInvoicing Conformance Testing.

Table 1: eInvoicing Conformance Testing - Key terminology

Terminology	Definition
Reference implementation	<p>This is the application component enabling the user to test the conformance of their solutions by using the System Under Test (SUT).</p> <p>This reference provides the tester with a set of implementation specifications to evaluate the conformance of their solution.</p>
Testing platform	<p>The testing platform or testbed enables the user to:</p> <ul style="list-style-type: none">Validate the content: eInvoices are checked by the testing platform, to verify that they comply with the European standard on eInvoicing (EN) specifications.Test report generation: production of a structured test report detailing the results of the test.Send eInvoices: the testing platform sends EN-compliant eInvoices to the systems that were implemented by Service Providers or Public Administrations.

1. INTRODUCTION TO THE EINVOICING CONFORMANCE TESTING

1.1. Objective

The eInvoicing Conformance Testing Service aims to verify that eInvoicing solutions are conformant to the set of eInvoicing specifications included in the European standard on eInvoicing.

1.2. Users

The eInvoicing Conformance Testing Service targets the following types of users:

- **Public Entities** handling initiatives or funded projects linked to (cross-border) interoperability and who want to apply to the conformance test to have their reference implementations and test suites installed in the testbed run by [ISA²](#), for their respective communities to use.
- **Solution & Service Providers** across the Member States that address eInvoice content validation.
- **Software Owners** (including privately held companies), who build solutions as part of a larger programme for which they want to undertake interoperability testing. These actors can then use the testbed to test their products' connectivity against supported reference implementations, or the conformance of their messages against supported specifications.

1.3. Scope

The table below provides an overview of the eInvoicing Conformance Testing and the corresponding services offered.

Table 2: eInvoicing Conformance Testing - Scope

Step	Definition	Services
Get informed	Based on the user type (Public Entity, Solution & Service Provider or Software Owner), users get information about the most suitable tool(s) for them.	<ul style="list-style-type: none">• Explanation of the conformance testing and the platform used to perform it.• Presentation of the different scenarios and examples shared via the platform.
Use	Users verify if their eInvoicing solution is compliant with the set of eInvoicing specifications included in the EN.	Users can choose between three technical options for eInvoicing conformance testing (see Process Overview Description document for details): <ul style="list-style-type: none">• the web form• the Web• or the GITB platform (GITB stands for Global e-Business Interoperability Test Bed project):

Step	Definition	Services
		<ul style="list-style-type: none"> ○ eInvoicing provides ready-to-use test cases, a testing platform, and supports users of the eInvoicing Conformance Testing Service during the entire testing process. ○ The inputs to upload in the testing platform are the eInvoices produced by Service Providers or Public Administrations of the European standard on eInvoicing (EN 16931). ○ These eInvoices are checked by the testing platform, to verify if they comply with the European standard on eInvoicing (EN 16931) specifications. ● The GITB platform can also send EN-compliant eInvoices to the systems that were implemented by Service Providers or Public Administrations.
Test report production	Once the tests have been carried out successfully the platform generates a test report.	<ul style="list-style-type: none"> ● The outcome of the test execution is documented in the test report. If the test report shows that the invoice conforms with all the mandatory specifications as required, the eInvoice is recognised as officially conformant.
Certify the solution	Users can ask the eInvoicing Service Desk to certify their eInvoicing solution.	<ul style="list-style-type: none"> ● For eInvoicing Grants purposes, users can contact eInvoicing Service Desk and ask for certifying, after the successful test results. The eInvoicing Service Desk then checks whether the recorded attempts and the provided evidence fulfil all requirements.
Publish eInvoicing solution	Users' certified eInvoicing solution can be displayed on the Digital (page).	<ul style="list-style-type: none"> ● The eInvoicing support team will first ask the user whether he wishes to publish his certified solution. If the owner of the solution (user) agrees, eInvoicing will make the publication once the user has provided the Service Desk with all the necessary solution information.

1.4. Benefits

The eInvoicing Conformance Testing Service was designed to generate a list of benefits to users:

- Testing supported by the eInvoicing Service Desk;
- Quick testing cycle enabling to reduce resources allocated to testing solutions (e.g. cost, time, human);
- Many testing processes on offer including a web form upload, a web service and the GITB platform using AS4 validations ((see Process Overview Description document for details);
- Testing anywhere at any time;
- Tests are fully domain-neutral, so they can be carried out on different platforms: Unix, Azure, Apple, Microsoft, etc.

2. HOW TO USE THE SERVICE STEP BY STEP

This section describes the way users can apply for the service and the processes that are part of the eInvoicing Conformance Testing Service.

2.1. Public Entities, Solution and Service Providers and Software Owners

Public Entities, Solution and Service Providers and Software Owners have the following responsibilities in the context of the eInvoicing Conformance Testing Service:

- Test the invoice compliance against the core invoice specifications;
- Perform the test as evidence;
- Provide (on a voluntary basis) details of their solution to the Service Desk, so that they are listed on the [eInvoicing Conformant Solutions page](#).

3. TERMS AND CONDITIONS

The user can consult the eInvoicing terms and conditions in the Master Service Arrangement, available on Digital: <https://ec.europa.eu/digital-building-blocks/wikis/display/DIGITAL/Master+Service+Arrangement>.

The table below describes the terms and conditions specific to the eInvoicing Conformance Testing Service.

Table 3: eInvoicing Registry - Terms and conditions

Term/Condition	Description
User's obligations	It is the user's responsibility to ensure that enough information is provided, in timely manner, to enable the required services to be performed.
Delivery of the services	The European Commission will provide the eInvoicing Conformance Testing Service in accordance with the procedures outlined in this document. The European Commission is entitled to suspend or terminate the provision of the services in case of failure of the user to comply with its obligations, as described above, or any other conditions preventing the successful delivery of the service.

4. CONTACT INFORMATION

eInvoicing Service Desk

eInvoicing Digital: <https://ec.europa.eu/digital-building-blocks/wikis/display/DIGITAL/eInvoicing>

By email: EC-EINVOICING-SUPPORT@ec.europa.eu

Support Service: 8am to 6pm (Normal EC working Days)