

The e-CODEX Central Testing Platform (CTP)

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The e-CODEX CTP

- An **automated testing infrastructure**
 - Available via a user-friendly Web UI
- Enables member states to perform End-to-End tests between:
 - their e-CODEX e-Delivery infrastructure and
 - a fixed central testing point that is available 24/7
- Allows users to **send** and **receive** customisable test messages
- Highly successful in reducing the resources needed in e-CODEX for testing
- Used almost daily in e-CODEX, EXEC, e-Evidence and e-Justice Portal tests

Testing Scenarios

1) Connectivity Testing

- Using the *GW-Test message*
- Automatically, at any time
 - By “ordering” a message to be sent to a member’s gateway through the e-CODEX CTP Web Interface
 - By sending a message to the CTP and checking its progress through the same interface.
- Doing so can save a great deal of time as it can effectively replace the need for manual initial Gateway-to-Gateway (GW2GW) connectivity testing
 - Would typically involve coordination between two different tech teams
 - Introduce delays caused by conflicting/busy schedules.

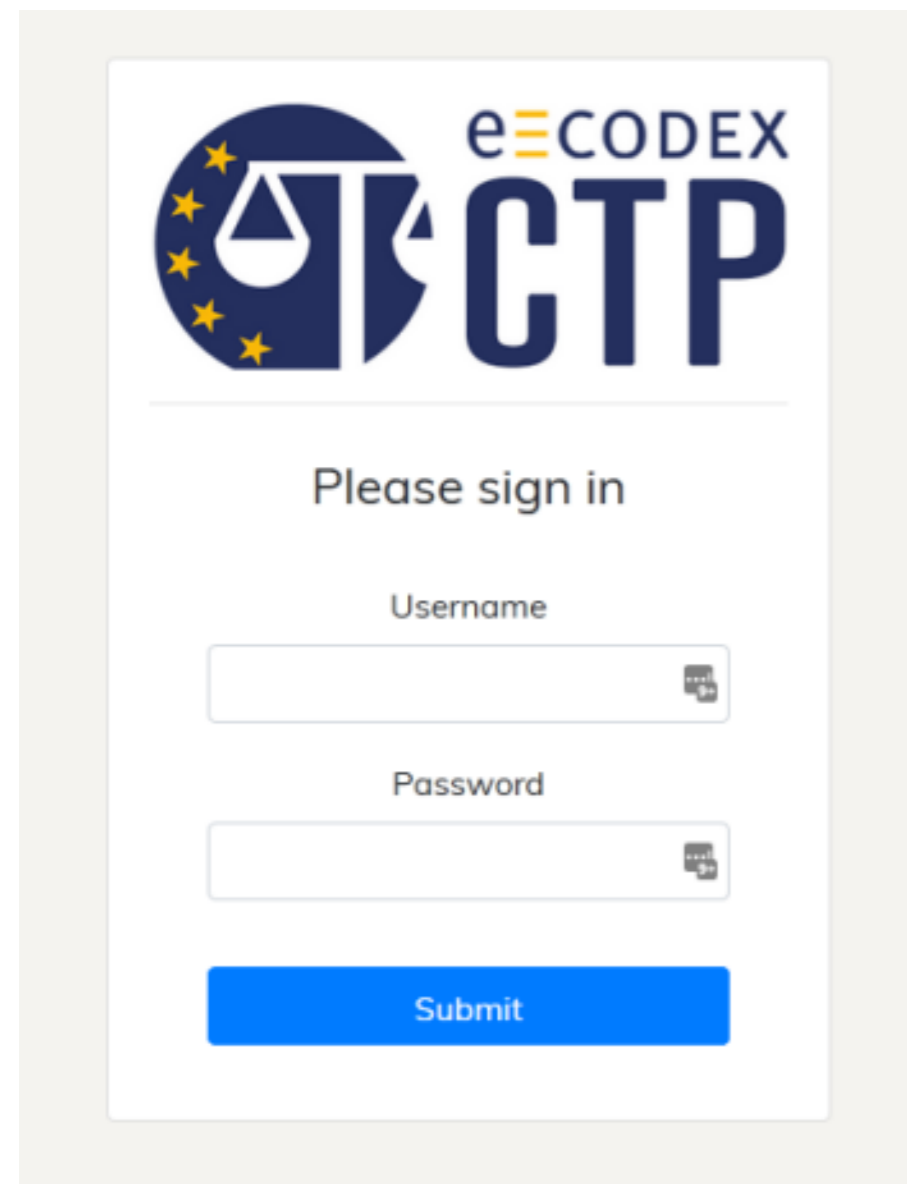
Testing Scenarios


2) *e-CODEX Use-case Testing*

- A user of the CTP can select one or more sample messages for *each e-CODEX use case* (e.g. EPO, Small Claims) and **send them** to their test gateway, in order to emulate the reception of such a message.
- In addition, the CTP can **receive** such messages and check them against the pre-approved e-CODEX XSDs to ensure the validity of the message's structure.
- Very useful to get an idea of how e-CODEX messages are structured
- Quickly verify an application's conformance when XSD schema changes are introduced.

Using the CTP

- Login @ <http://ecodextest.ee.auth.gr>

A screenshot of the eCODEX CTP login interface. It features the eCODEX CTP logo at the top, followed by the text "Please sign in". Below this are two input fields: "Username" and "Password", each with a small icon of a document and a key. At the bottom is a blue "Submit" button.

The logo for eCODEX CTP, featuring a blue circle with a white scale of justice and yellow stars, next to the text "eCODEX" and "CTP" in blue.


Please sign in

Username

Password

Submit

Set up user profile



DASHBOARD

MESSAGES

LOG VIEWER

MATERIAL

HELP

ABOUT

User profile

userGR Logout

Contact details

Contact information for this profile

Contact person

Ioannis Pagkalos

Contact email

ipagkalo@auth.gr

Testing variables

Relevant variables in the message.properties file that accompanies each outgoing message

Gateway

GR

Final recipient

FP

Original sender

e-codex CTP

Productive Environment

Productive environment versions and usecases

Gateway Version

3.2.5

Connector Version

3.5.1

Use Cases that you participate or plan to participate in productive environment:

EPO

version1.9

Small Claims


Business Registers

Mutual Legal Assistance

Financial Penalties

- Input Gateway, Connector & XSD Schemas for each environment
 - Productive
 - Testing
 - Acceptance

Dashboard



DASHBOARD

MESSAGES


LOG VIEWER

MATERIAL


HELP

ABOUT

Dashboard




Making justice faster



Domibus Gateway
3.2.5
e-CODEX Connector
3.5.1

Welcome to the e-CODEX Central Testing Platform



Server status
OK

Connecting to ecodextest.ee.auth.gr
(155.207.37.27)

Last checked: 10/02/2018 19:35:02

Installed Infrastructure


Overview

History

User	Country	Productive Environment		Test Environment		Acceptance Environment	
		Gateway	Connector	Gateway	Connector	Gateway	Connector
userGR	EC	3.2.5	3.5.1	3.2.5	3.5.1	3.2.5	3.5.1
userEC	EC	3.5	3.5.1	3.2.5	3.5.1	3.5	3.5.1
userEC2	EC2	4.0	3.5.1	3.2.5	3.5.1	3.2.5	3.5.1

- See CTP & Consortium status
- Navigate to:
 - Messages
 - Log Viewer
 - Material
 - Help
 - About

Messages Module



DASHBOARD
MESSAGES
LOG VIEWER
MATERIAL
HELP
ABOUT

Messages
test
Change password
Logout

e-CODEX CTP Messages

This page lists the messages that you send from the CTP to your gateway or vice-versa.
Messages are grouped by Conversation ID.
You can click on a Conversation ID to expand it and see the messages it is associated with

New conversation

>
GW-T
CTPtests

Last updated: 3 days ago

v
GW-T
Newconvtest45

Last updated: 5 days ago

The messages below are part of this Conversation. Click on the **i** icon next to each message for more information about it.

Send a new message

	ID	From	To	Usecase	Action	Last evidence	Date created	Date modified	
↑	108	CTP	GR	GW-TEST	Test_Form	RETRIEVAL	05/02/2018 13:04:36	05/02/2018 13:06:47	i

>
GW-T
testConvs

Last updated: 6 days ago

- Heart of the CTP
 - Messages that are either sent to or from your gateway
 - Grouped by ConversationID in collapsible panels
 - Click on info button **i** for details on each message

Message Details

#111 Message details

Evidence history

SUBMISSION_ACCEPTANCE	11/02/2018 10:30:31
RELAY_REMMD_ACCEPTANCE	11/02/2018 10:31:33
DELIVERY	11/02/2018 10:32:34
RETRIEVAL	11/02/2018 10:32:34

? In case an error occurred, you can consult the [Domibus error logs](#) for more information.

content.xml.file.name (content.xml)


<?xml version="1.0" encoding="UTF-8"?>
<test>Test</test>

message.properties ^


Token.pdf v

1 of 3

Automatic Zoom



making
justice
faster.eu



cip

Lehrstuhl für
Informations- und
Kommunikationsrecht
2007-2013

e-CODEX

e-Justice Communication via Online Data Exchange

Other files v

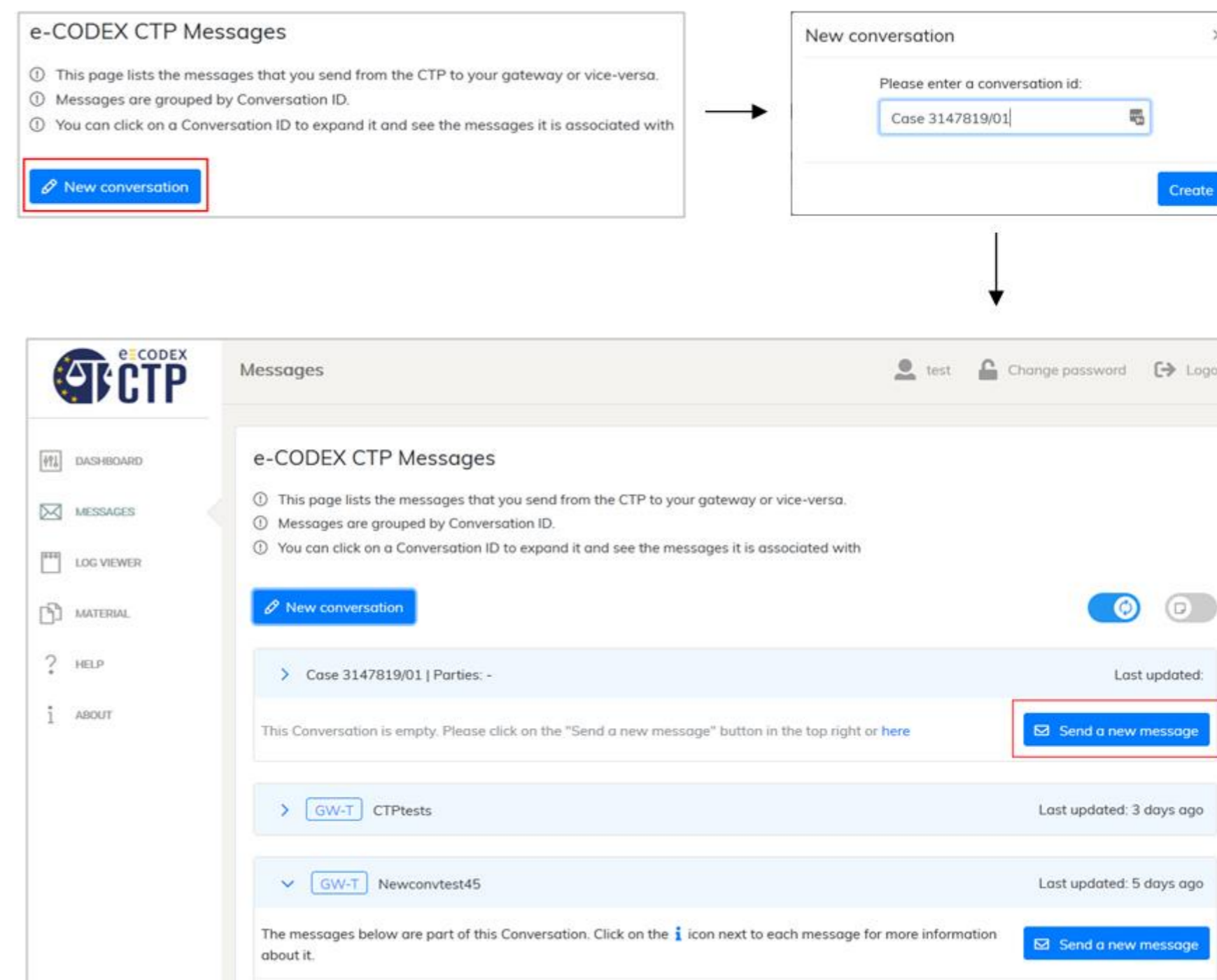
Token.xml

SUBMISSION_ACCEPTANCE.xml

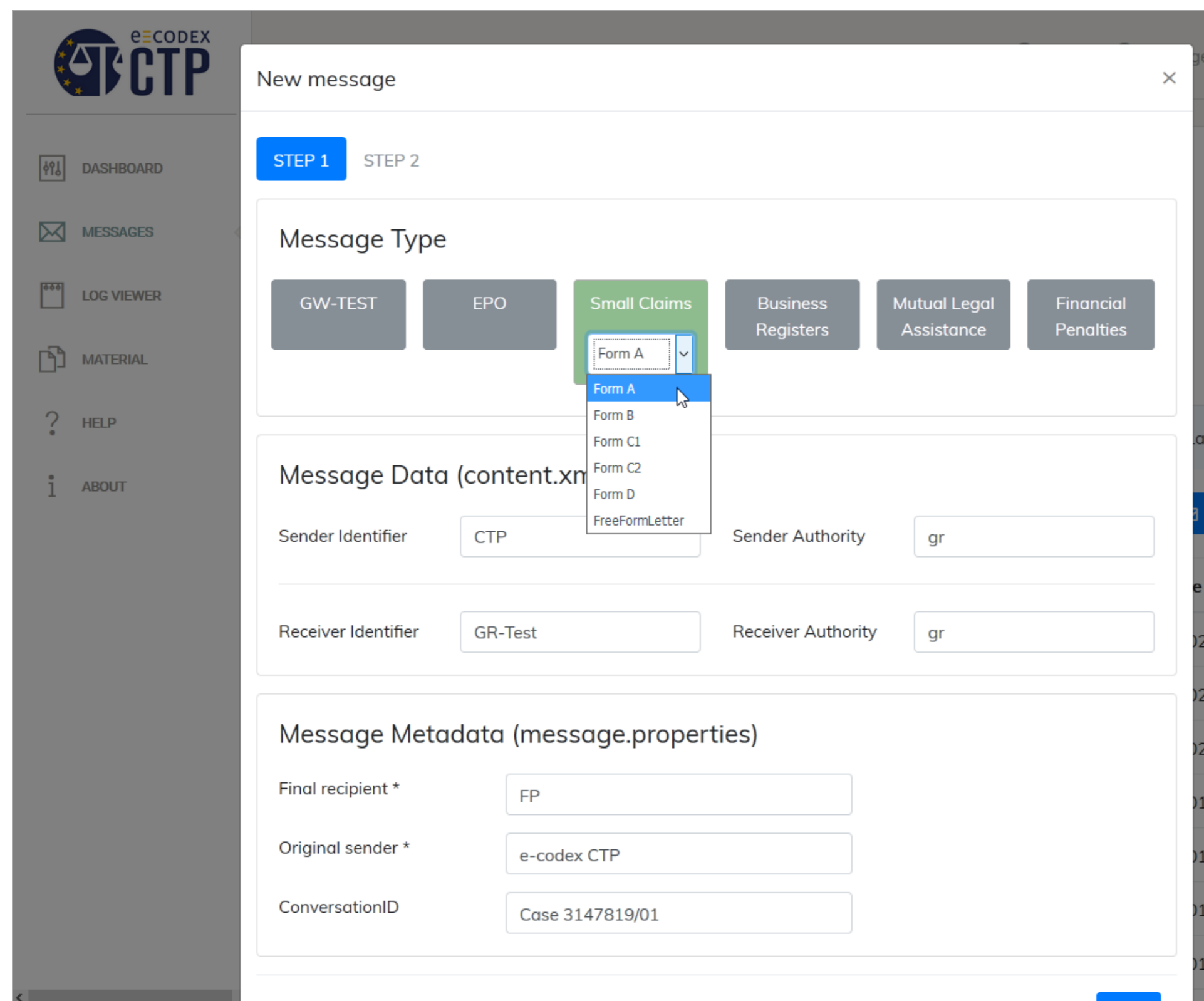
RELAY_REMMD_ACCEPTANCE.xml

Sending a Message to your Gateway

- Either
 1. Choose an **existing conversationID** and click on “Send a new message” or
 2. Create a **new conversationID** and then click on the respective “Send a new message button”:



Customising the Message – STEP 1



New message

STEP 1 STEP 2

Message Type

GW-TEST EPO **Small Claims** Business Registers Mutual Legal Assistance Financial Penalties

Form A Form B Form C1 Form C2 Form D FreeFormLetter

Message Data (content.xml)

Sender Identifier CTP Sender Authority gr

Receiver Identifier GR-Test Receiver Authority gr

Message Metadata (message.properties)

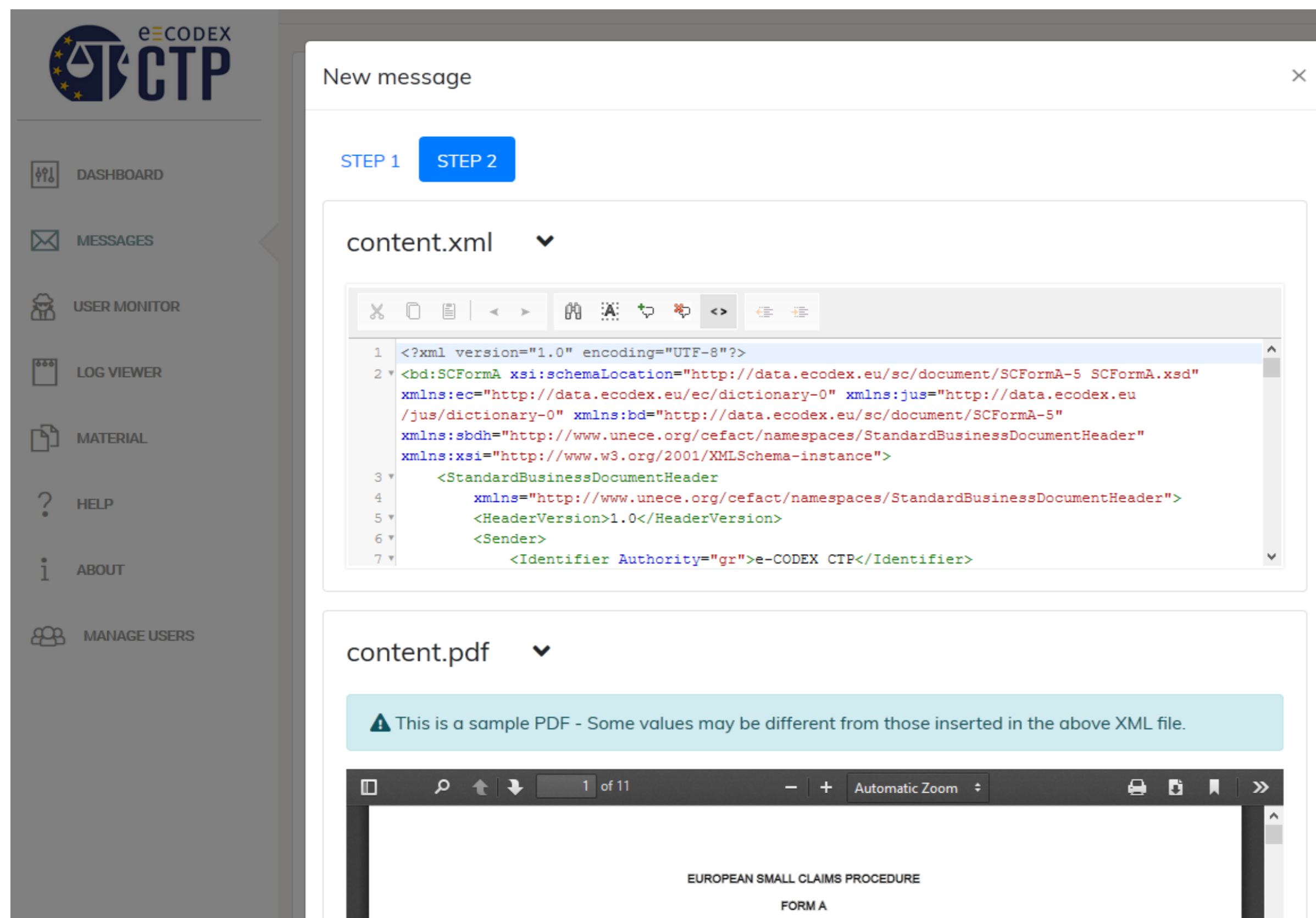
Final recipient * FP

Original sender * e-codex CTP

ConversationID Case 3147819/01

- **Message Type:** Allows the user to select from the available Message Types.
- **Message Data:** According to the message type selected, some or all of the following options are available:
 - **SBDH data:** Content of the SBDH section of the e-CODEX message XML (Receiver/Sender identifier & authority)
 - **Case ID:** Customise the content of the `jus:IdentificationCaseIdentification/jus:NumberID` XML Node (reply forms only)
 - **Message Metadata:** Contents of the `message.properties` file of the e-CODEX message, including the `conversationID` (auto-filled)

Customising the Message – STEP 2



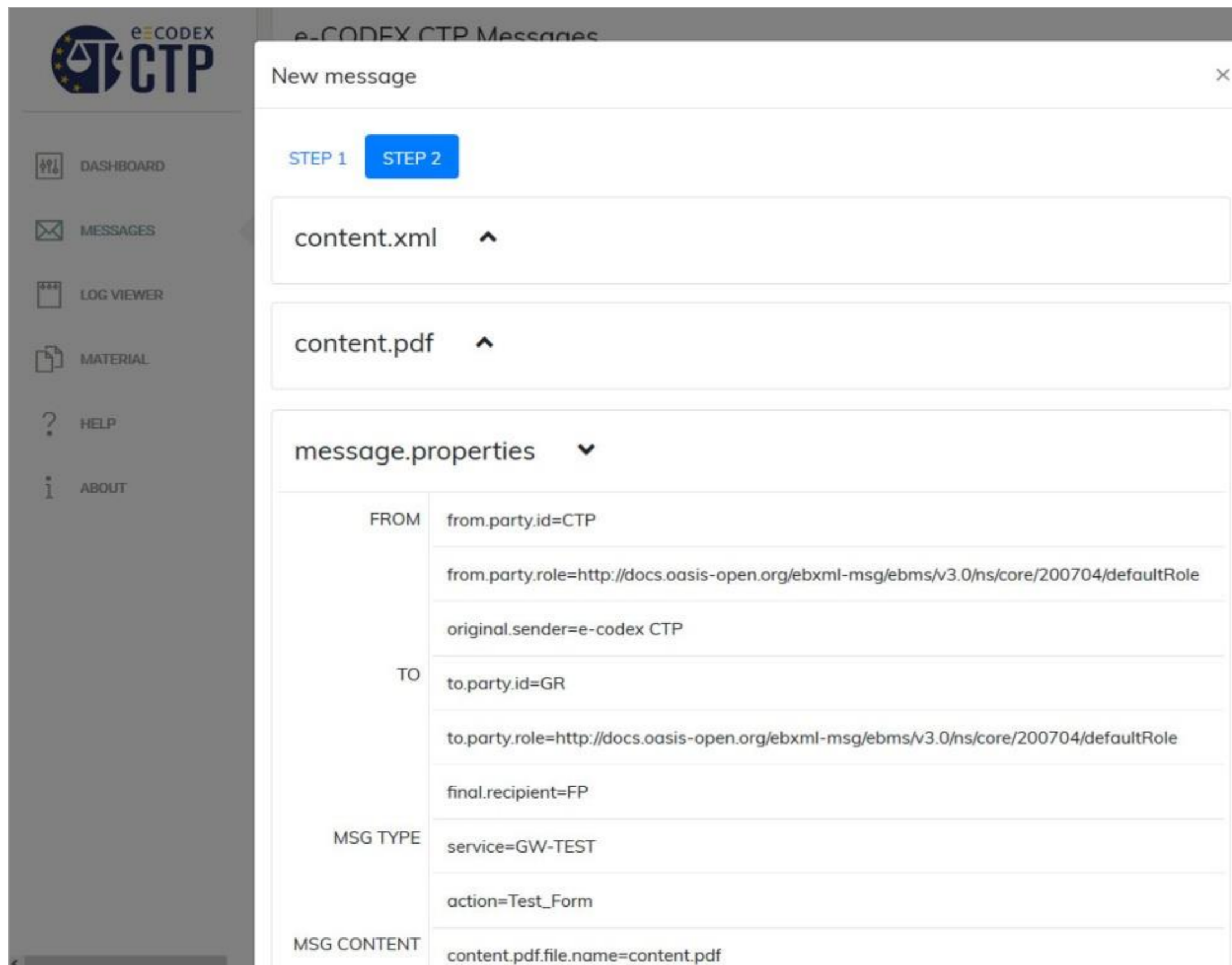
The screenshot shows the e-CODEX CTP interface with a sidebar containing links to DASHBOARD, MESSAGES, USER MONITOR, LOG VIEWER, MATERIAL, HELP, ABOUT, and MANAGE USERS. The main window is titled 'New message' and has two tabs: STEP 1 and STEP 2 (active). Under STEP 2, there are two sections:

- content.xml**: A web text editor showing XML code. The code is as follows:


```
<?xml version="1.0" encoding="UTF-8"?>
<bd:SCFormA xsi:schemaLocation="http://data.ecodex.eu/sc/document/SCFormA-5 SCFormA.xsd"
xmlns:ec="http://data.ecodex.eu/ec/dictionary-0" xmlns:jus="http://data.ecodex.eu/jus/dictionary-0" xmlns:bd="http://data.ecodex.eu/sc/document/SCFormA-5"
xmlns:sbdh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <StandardBusinessDocumentHeader
    xmlns="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader">
    <HeaderVersion>1.0</HeaderVersion>
    <Sender>
      <Identifier Authority="gr">e-CODEX CTP</Identifier>
```
- content.pdf**: A PDF preview section. It includes a warning message: "This is a sample PDF - Some values may be different from those inserted in the above XML file." Below the warning is a PDF viewer showing a document titled "EUROPEAN SMALL CLAIMS PROCEDURE FORM A".

- Preview the content of the outgoing message via a web text editor.
 - This editor also offers colour-coding for XML files.
- The files that can be previewed are:
 - **content.xml**
 - **content.pdf** (available for downloading or embedded preview)
 - **message.properties** (this file cannot be edited)

Customising the Message – STEP 2



The screenshot shows the 'New message' form in the e-CODEX CTP Messages interface. The form is divided into two steps: STEP 1 and STEP 2, with STEP 2 being the active step. The form contains three main sections: 'content.xml', 'content.pdf', and 'message.properties'.

content.xml ^

content.pdf ^

message.properties v

FROM	from.party.id=CTP
	from.party.role=http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/defaultRole
	original.sender=e-codex CTP
TO	to.party.id=GR
	to.party.role=http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/defaultRole
	final.recipient=FP
MSG TYPE	service=GW-TEST
	action=Test_Form
MSG CONTENT	content.pdf.file.name=content.pdf

- Visual guide on understanding the message.properties file

Tracking message progress

① You can click on a Conversation ID to expand it and see the messages it is associated with

[New conversation](#)

Message submitted and file created successfully!

GW-T CTPtests | Parties: CTP, GR Last updated: less than a minute ago

The messages below are part of this Conversation. Click on the [i](#) icon next to each message for more information about it.

	ID	From	To	Usecase	Action	Last evidence	Date created	Date modified	
↑	-	CTP	GR	GW-TEST	Test_Form	PENDING	11/2/2018 10:30:13	11/2/2018 10:30:13	i

[Send a new message](#)

① You can click on a Conversation ID to expand it and see the messages it is associated with

[New conversation](#)

New Message
CTPtests 111
SUBMISSION_ACCEPTANCE

GW-T CTPtests | Parties: CTP, GR Last updated: less than a minute ago

The messages below are part of this Conversation. Click on the [i](#) icon next to each message for more information about it.

	ID	From	To	Usecase	Action	Last evidence	Date created	Date modified	
↑	111	CTP	GR	GW-TEST	Test_Form	SUBMISSION_ACCEPTANCE	11/2/2018 10:30:13	11/2/2018 10:30:31	i

[Send a new message](#)

- All messages (either sent by the CTP or sent to the CTP) are tracked in real-time using a notification system.
- The “Last Evidence” section of each message row is also automatically updated

Tracking message progress

Messages
niko

New Evidences

CTPtests 111

RETRIEVAL
DELIVERY

e-CODEX CTP Messages

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[New conversation](#)

2
⌵

▼ GW-T CTPtests | Parties: CTP, GR
Last updated: less than a minute ago

The messages below are part of this Conversation. Click on the i icon next to each message for more information about it.

[Send a new message](#)

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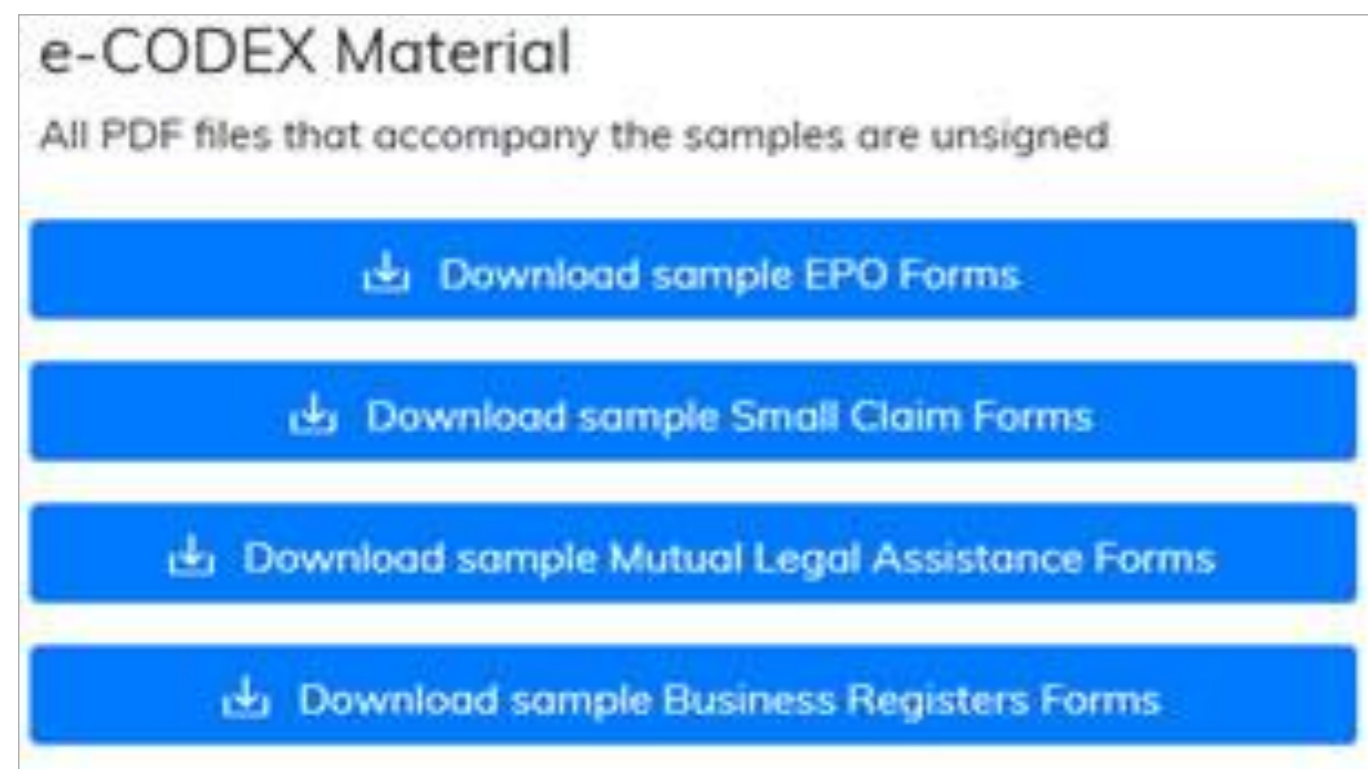
Log Viewer

- This page includes a real-time view of the server logs of the CTP (both the connector & the Domibus gateway) to aid in debugging erroneous message exchanges.
- The table on the left side of this view shows the messages associated with a user's account.
- The table on the right shows all errors as they appear on the logs.
- Clicking on any message will highlight all the errors that could possibly be associated with it, based on the time period during which the message was processed (+/- 5 minutes).

CTP Connector Errors		
Messages		Connector Errors
ID	Datetime	Error
111	11/02/2018 10:30:23	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33
110	07/02/2018 21:30:23	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33
109	05/02/2018 13:10:46	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33
108	05/02/2018 13:04:36	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33
107	05/02/2018 12:59:36	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33
106	04/02/2018 18:40:36	eu.domibus.connector.gwc.DomibusConnectorGatewayWebserviceClientImpl - 11/02/2018 10:32:33

Material Module

- Static page that serves as a repository of readily-available testing material such as Sample Files in PDF format and their respective e-CODEX XML representations.
- In the current version of the CTP, the page contains sample files for the following use cases:



Contact Information



- Contact us at ecodex-ctp@auth.gr



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