|  |
| --- |
|  |



European eInvoicing Standard in Italy

|  |  |
| --- | --- |
| **Project number** | INEA/CEF/ICT/A2017/1560867 2017-IT-IA-0150 |
| **Project acronym** | EeISI |
| **Project title** | European eInvoicing Standard in Italy |
| **Starting date** | 1 May 2018 |
| **Ending date** | 30 June 2019 |
| **Programme** | Connecting Europe Facility (CEF) CEF-TC-2017-3: eInvoicing |

eDelivery AS4 Intercent-ER test report

Deliverable D5.3

|  |  |
| --- | --- |
| **Related WP** | WP5 – Test – Task 5.1 and Task 5.2 |
| **Deliverable number** | D5.3 |
| **Due date** | 13/03/2020 |
| **Revision date** | 13/03/2020 |
| **Actual date** | 13/03/2020 |

This Page Intentionally Left Blank

Deliverable Info

|  |  |
| --- | --- |
| **Editor (s)** | **Intercent-ER** |
| **Contributors** | **Intercent-ER** |
|  |  |
| **Abstract** | **This deliverable aims to provide the eDelivery implementation report of AS4 Intercent-ER profile.** |
| **Keywords** | **eInvoicing, semantic core model, Italian eInvoicing format, LegalInvoice, eDelivery, AS4, access point, SDI** |
|  |  |
| **Acknowledgement** | This work was partially supported by the European Commission (EC) through the Connecting Europe Facility (CEF) programme under project EeISI.(grant agreement no. INEA/CEF/ICT/A2017/1560867 2017-IT-IA-0150) |
| **Disclaimer** | The sole responsibility of this publication lies with the author(s). The European Union is not responsible for any use that may be made of the information contained therein. |
| **Confidentiality** | The information in this document is confidential and restricted only to the members of the EeISI consortium  (including the Commission Services). |
|  |  |
| **Note** | - |
|  |  |

**Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Description of change |
| 1.0 | 13/03/2020 | Intercent-ER |  |
| 1.0.1 | 31/03/2020 | Roberto Reale | Technical review and quality assessment |
|  |  |  |  |

This Page Intentionally Left Blank

Table of contents

[Deliverable Info 3](#_Toc36832857)

[Table of contents 5](#_Toc36832858)

[List of figures 5](#_Toc36832859)

[Glossary …... 6](#_Toc36832860)

[1. Introduction 7](#_Toc36832861)

[2. Intercent-ER AS4 PEPPOL Conformance Testing 7](#_Toc36832862)

[3. Intercent-ER AS4 CEF Connectivity test 9](#_Toc36832863)

[4. Intercent-ER AS4 CEF Conformance test 13](#_Toc36832864)

[4.1. NoTI-ER sender and receiver scenarios 13](#_Toc36832865)

[4.2. SDI receiver scenario 33](#_Toc36832866)

List of figures

Figure 1 – Intercent-ER AS4 OpenPeppol testbed 8

Figure 2 – Intercent-ER AS2/AS4 registration in OpenPeppol 8

Figure 3 – Parameters for CEF eDelivery connectivity test 9

Figure 4 – Received mail from CEF for eDelivery connectivity test SUCCESSFUL 10

Figure 5 - Evidence of eDelivery Connectivity test as receipt.dat file 13

Figure 6 – GITB registration of Intercent-ER organisation 13

Figure 7 – GITB Intercent-ER test cases preparation 14

Figure 8 - GITB Intercent-ER test configuration parameters 14

Figure 9 – CEF eInvoicing conformance test guide – receiver scenario 15

Figure 10 - Receiver scenario successful result 15

Figure 11 - GITB Intercent-ER performed tests 15

Figure 12 - Evidence: AS4\_UBL\_receive\_valid\_simple 17

Figure 13 - Evidence: AS4\_UBL\_receive\_valid\_complete 24

Figure 14 - Evidence: AS4\_UBL\_receive\_valid\_simple\_vat 26

Figure 15 - Evidence: AS4\_UBL\_receive\_invalid 32

Figure 16 – GITB registration of SDI organisation 33

Figure 17 – GITB SDI test cases preparation 33

Figure 18 - GITB SDI test configuration parameters 33

Figure 19 – CEF eInvoicing conformance test guide – receiver scenario 34

Figure 20 - Receiver scenario successful result 34

Figure 21 - GITB SDI performed tests 34

Figure 22 - Evidence: AS4\_UBL\_receive\_valid\_simple 36

Figure 23 - Evidence: AS4\_UBL\_receive\_valid\_complete 43

Figure 24 - Evidence: AS4\_UBL\_receive\_valid\_simple\_vat 45

Figure 25 - Evidence: AS4\_UBL\_receive\_invalid 51

Glossary

|  |  |
| --- | --- |
| **AP** | Access Point |
| **AS4** | Applicability Statement 4 |
| **B2B** | Business to Business |
| **B2C** | Business to Consumer/Citizen |
| **B2G** | Business to Government |
| **BII** | Business Interoperability Interfaces |
| **C2G** | Citizen to Government |
| **CCTS** | Core Component Technical Specification |
| **CEF** | Connecting Europe Facility |
| **CEM** | Certified Electronic Mail – Legal Mail (PEC Posta Elettronica Certificata in Italy) |
| **CEN** | European Committee for Standardisation |
| **CII** | Cross Industry electronic Invoice |
| **CIUS** | Core Invoice Usage Specification |
| **DNS** | Domain Name System |
| **DSI** | Digital Service Infrastructures |
| **EDIFACT** | Electronic Data Interchange For Administration, Commerce and Transport |
| **EMSFEI** | European Multi-Stakeholder Forum on eInvoicing |
| **e-SENS** | Electronic Simple European Networked Services |
| **FatturaPA** | Public administration electronic invoice framework (FatturaPubblica Amministrazione) |
| **G2G** | Government to Government |
| **IMR** | Invoice Message Response |
| **INEA** | Innovation and Networks Executive Agency |
| **MLR** | Message Level Response |
| **OASIS** | Organisation for the Advancement of Structured Information Standards |
| **PEPPOL** | Pan-European Public Procurement Online |
| **PEPPOL-BIS** | Pan-European Public Procurement Online Business Interoperability Specifications |
| **SDI** | Electronic exchange system in Italy (Sistema Di Interscambio) |
| **SML** | Service Metadata Locator |
| **SMP** | Service Metadata Publisher |
| **UBL** | Universal Business Language |
| **UN/CEFACT** | United Nations Centre for Trade Facilitation and Electronic Business |
| **UNTDID** | UN Trade Data Interchange Directory |
| **URI** | Uniform Resource Identifier |
| **URL** | Uniform Resource Location |
| **URN** | Uniform Resource Name |
| **XML** | Extensible Mark-up Language |

1. Introduction

This document provides the eDelivery test report for AS4 migration carried out by Intercent-ER within EeISI project. The test report covers:

* Output of CEF Connectivity tests
* Output of CEF conformance test with GITB platform. Sender and receiver scenarios NoTI-ER.
* Output of CEF conformance test with GITB platform. Receiver scenario SDI.

The Connectivity and Conformance testing activities started during the month of November 2019. The activities have been performed and completed by March 2020. The delay was due to issues emerged during the implementation chose by Intercent-ER.

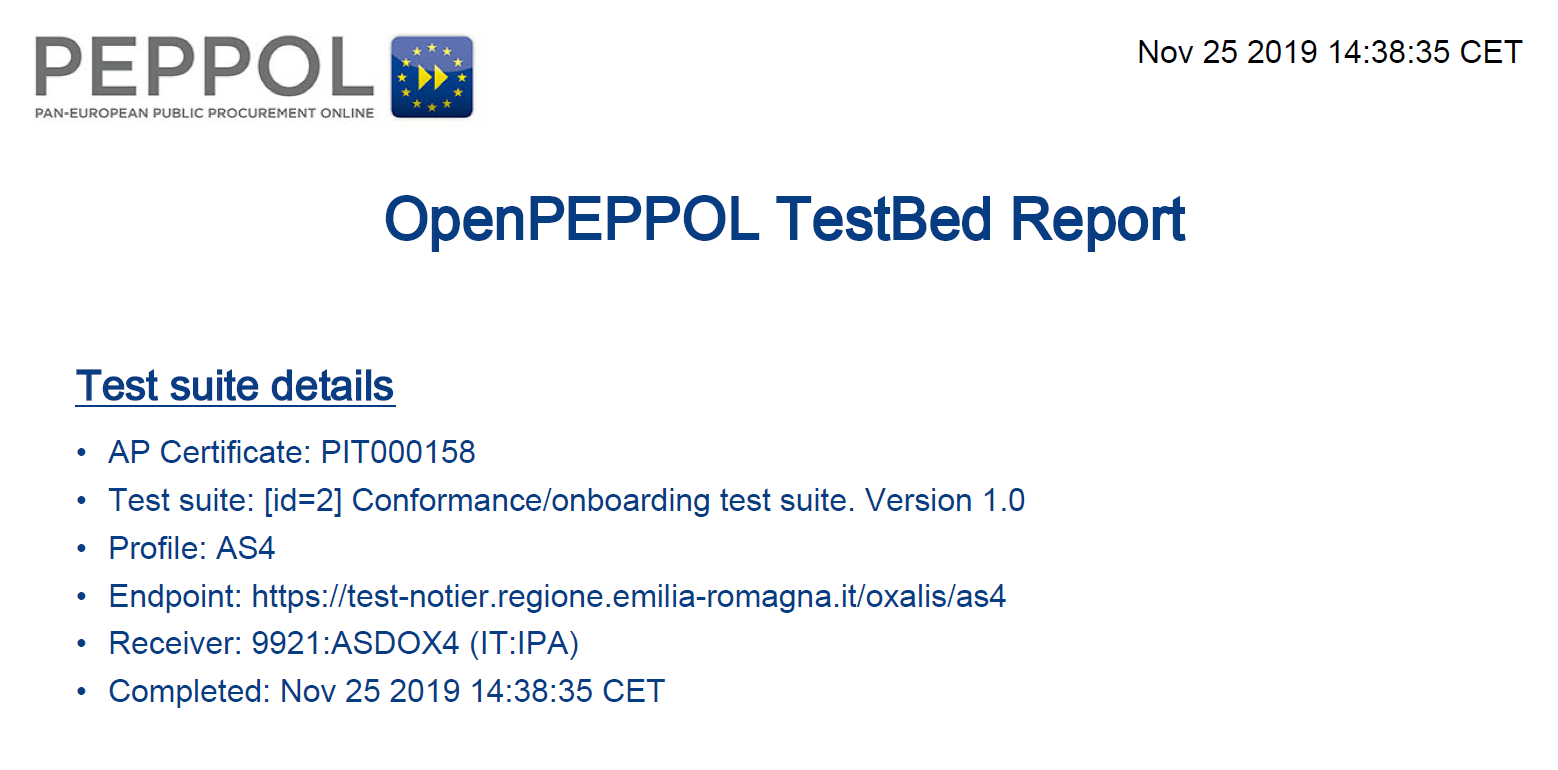
Indeed, the Oxalis software version available as of November 2019 could not successfully pass the CEF e-Delivery connectivity test despite being listed as an AS4 CEF e-Delivery conformant solution. DIFI (the owner of the Oxalis project) had to perform a maintenance activity on the software and had to provide a new version able to support the Connectivity test, which is the one used for this final report.

1. Intercent-ER AS4 PEPPOL Conformance Testing

In the view of AS4 certification within the OpenPeppol network, Intercent-ER carried out the certification process with Peppol central authority.

The PEPPOL certificates installed on the Intercent-ER AS4 Access Point are the same that were previously used by the Intercent-ER AS2 Access Point.

The Access Point AS4 has passed Peppol Conformance Testing in November 2019 and is listed in the official list of Certified AS4 Peppol Access Points: <https://peppol.eu/who-is-who/peppol-certified-aps/>.



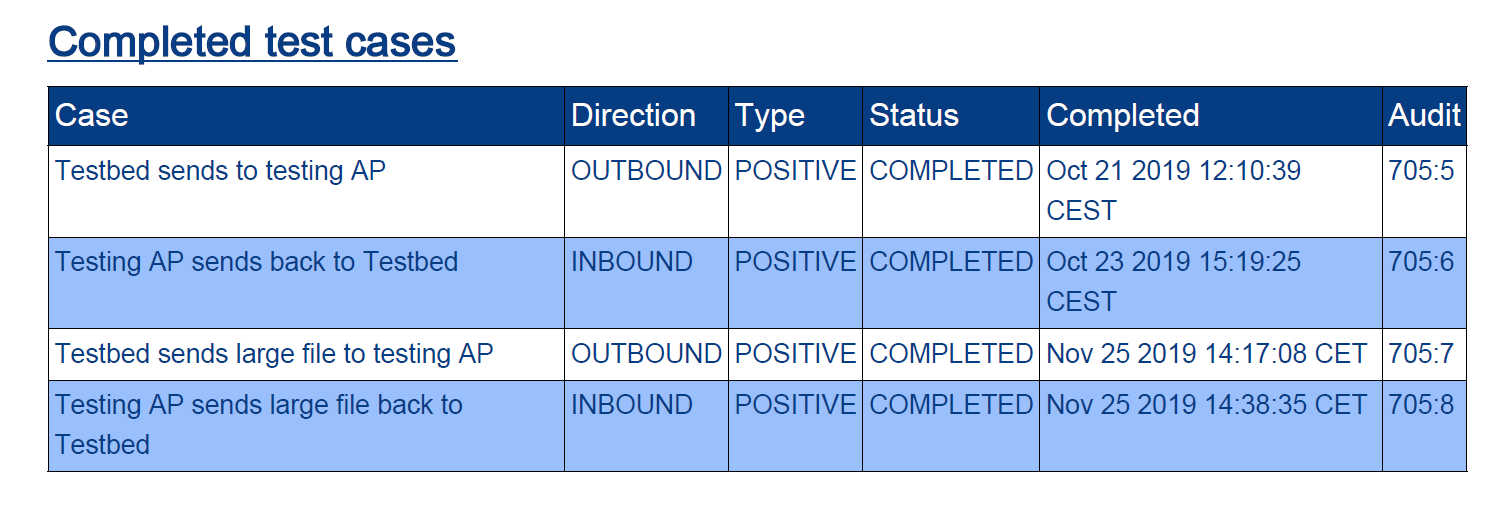


Figure 1 – Intercent-ER AS4 OpenPeppol testbed

This report is also available through the OpenPEPPOL TestBed: <https://testbed.peppol.eu/api/report/TpYfxN9WFGUq8zVkAGpUFqbC407snd2kIfGP>.

See <https://peppol.eu/who-is-who/peppol-certified-aps/> where the certification of Intercent-ER AS4 is documented.

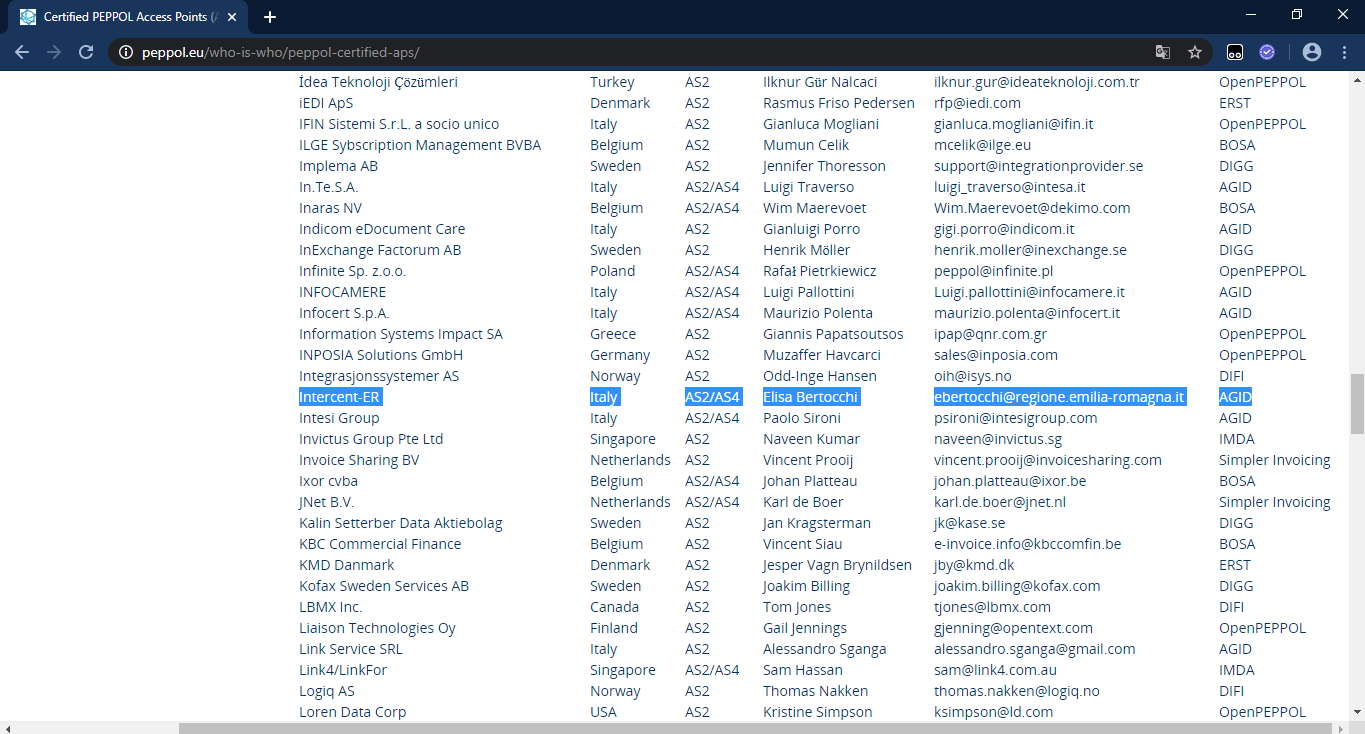


Figure 2 – Intercent-ER AS2/AS4 registration in OpenPeppol

The Intercent-ER AS4 Access Point is currently registered to receive the following type of document on OpenPeppol network, related to Invoice V3 BIS Profile.

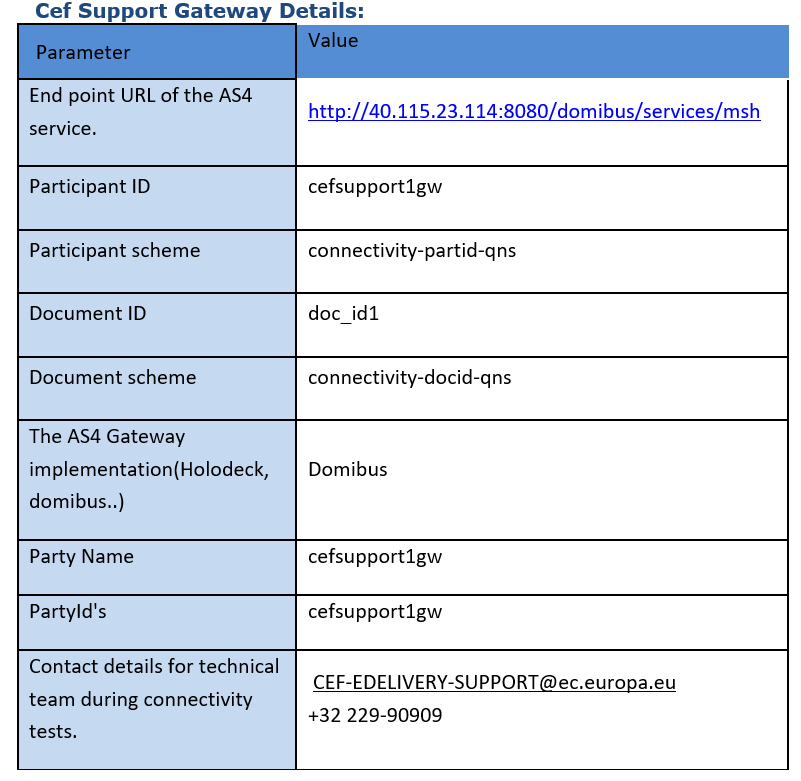
**Process Identifier**: urn:fdc:peppol.eu:2017:poacc:billing:01:1.0

**Document type Identifier**: urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice##urn:www.cenbii.eu:transaction:biitrns010:ver2.0:extended:urn:www.peppol.eu:bis:peppol5a:ver2.0:extended:urn:www.ubl-italia.org:spec:fatturapa:ver2.0:extended:urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing:3.0::2.1

1. Intercent-ER AS4 CEF Connectivity test

We carried out the CEF eDelivery connectivity test based on the following documentation: <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eDelivery+Connectivity+testing>

The endpoint URL of our AS4 Access Point used during test process is [https://test-notier.regione.emilia-romagna.it/oxalis/as4](https://test-notier.regione.emilia-romagna.it/oxalis/as4.).The Access Point's keystore and truststore have been set up at our side according to the information sent by CEF:



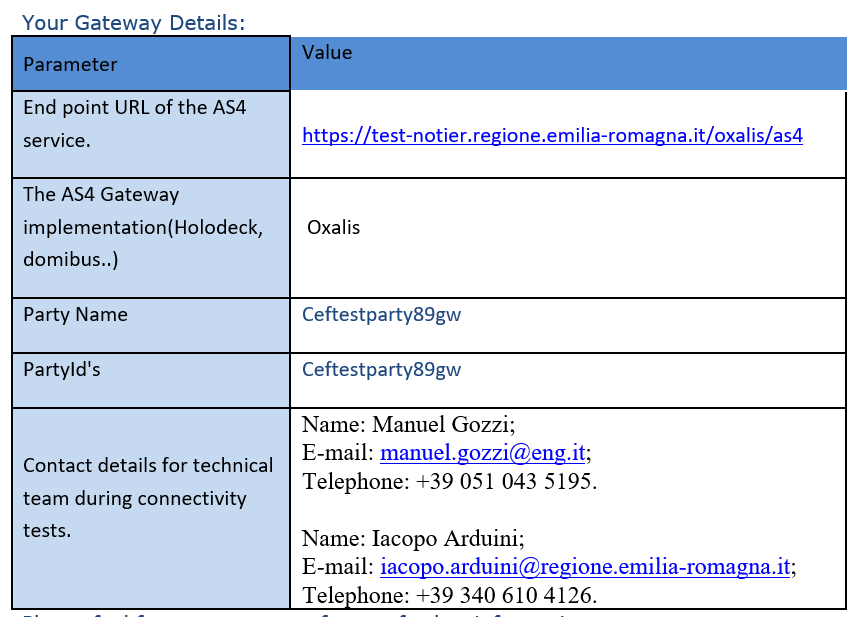


Figure 3 – Parameters for CEF eDelivery connectivity test

As part of the test, we have performed the following steps:

* We sent a message to CEF (using our party identifier ceftestparty89gw as sender identifier and cefsupportgw as receiver identifier). The message identifier related to this transaction is **b0e9685f-6fbe-4379-bfa1-e763e2503313@domibus.eu**;
* CEF confirmed us the receipt;
* CEF sent back another message to our Access Point. The message identifier related to this transaction is **a309a05a-1a57-43e2-86f9-4d78569a8e81@domibus.eu**;
* We confirmed to CEF the receipt;
* CEF updated a report, available also to INEA for Grant purposes, in order to certify test positive outcome.

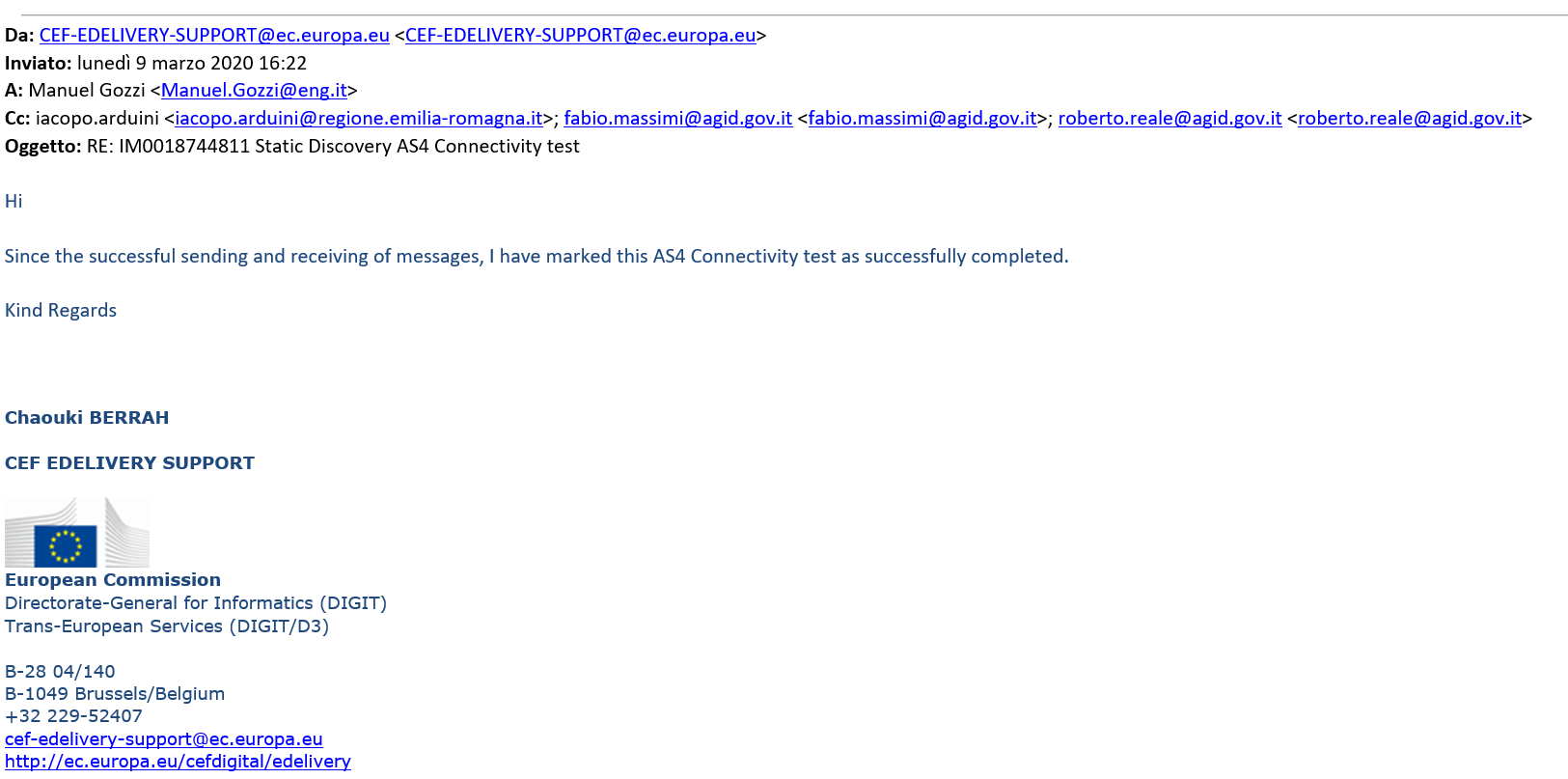


Figure 4 – Received mail from CEF for eDelivery connectivity test SUCCESSFUL

The following .xml represents the receipt.dat file, evidence related to eDelivery Connectivity test.

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

<DeliveryNonDeliveryToRecipient xmlns="http://uri.etsi.org/02640/v2#" xmlns:ns2="http://uri.etsi.org/02231/v2#" xmlns:ns3="http://www.w3.org/2000/09/xmldsig#" xmlns:ns4="http://uri.etsi.org/01903/v1.3.2#" xmlns:ns5="urn:oasis:names:tc:SAML:2.0:assertion" xmlns:ns6="http://www.w3.org/2001/04/xmlenc#" xmlns:ns7="http://peppol.eu/xsd/ticc/receipt/1.0" version="2">

<EventCode>http:uri.etsi.org/02640/Event#Delivery</EventCode>

<EvidenceIdentifier>982ca91f-4076-46bf-a8ef-f5be0304cd26</EvidenceIdentifier>

<EvidenceIssuerDetails>

<NamesPostalAddresses>

<NamePostalAddress>

<EntityName>

<Name>Oxalis 4.1.2</Name>

</EntityName>

</NamePostalAddress>

</NamesPostalAddresses>

</EvidenceIssuerDetails>

<EventTime>2020-03-09T16:07:52+01:00</EventTime>

<SenderDetails>

<AttributedElectronicAddress scheme="iso6523-actorid-upis">cefsupportgw</AttributedElectronicAddress>

</SenderDetails>

<RecipientsDetails>

<EntityDetails>

<AttributedElectronicAddress scheme="iso6523-actorid-upis">ceftestparty89gw</AttributedElectronicAddress>

</EntityDetails>

</RecipientsDetails>

<EvidenceRefersToRecipient>1</EvidenceRefersToRecipient>

<SenderMessageDetails isNotification="false">

<MessageSubject>http://ec.europa.eu/e-delivery/services/connectivity-service</MessageSubject>

<UAMessageIdentifier>submitMessage</UAMessageIdentifier>

<MessageIdentifierByREMMD>b0e9685f-6fbe-4379-bfa1-e763e2503313@domibus.eu</MessageIdentifierByREMMD>

<ns3:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>

<ns3:DigestValue>Q2pVak9mc0IxTXl4RDBwSHlncFRQelMzSGRzVHNEOHVEZWlSZjdWS2M1bz0=</ns3:DigestValue>

</SenderMessageDetails>

<Extensions>

<Extension>

<ns7:PeppolRemExtension>

<ns7:TransmissionProtocol>AS4</ns7:TransmissionProtocol>

<ns7:TransmissionRole>C3</ns7:TransmissionRole>

<ns7:OriginalReceipt type="message/disposition-notification"></ns7:OriginalReceipt>

</ns7:PeppolRemExtension>

</Extension>

</Extensions>

<Signature xmlns="http://www.w3.org/2000/09/xmldsig#">

<SignedInfo>

<CanonicalizationMethod Algorithm="http://www.w3.org/TR/2001/REC-xml-c14n-20010315"/>

<SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>

<Reference URI="">

<Transforms>

<Transform Algorithm="http://www.w3.org/2000/09/xmldsig#enveloped-signature"/>

</Transforms>

<DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>

<DigestValue>ecKuljExTqaO/3BhcNQ5skriWpPQxOiRqfnVJgmu2Ho=</DigestValue>

</Reference>

</SignedInfo>

<SignatureValue>gQbvjAPHmbr97vKqRo5XcunBNE5l70mIb7m/ABvVvRh6m6Wcpra5vAEnFRB6BtNMZi2pig+Tpz7xHfTPcaXznijC8ws+Mr5MgzLmzbAbC5uBRmrXyPwSV5uJxFRIox8QATKu7g5gy15iKaKAyyuQjoqq15RCjwFfbgA8L4TUk7HnP8zIJ9tZRArF2H3d/AnLnmTrji1WE8edTWW4RQWEmahWTJl8FgTfAjm0kuFz/xs65iifFIEl4gRci3qJ4jX4xJdZ2Q2Xby43ADv051Okf7EO+ffW7j0Cq76Z7naDpm/eDpt+PvSitEgiXyN+Za0zHXkqt0ADdPGE5HPVVn+vFQ==</SignatureValue>

<KeyInfo>

<X509Data>

<X509SubjectName>C=BE,O=eDelivery,CN=ceftestparty89gw</X509SubjectName>

<X509Certificate></X509Certificate>

</X509Data>

</KeyInfo>

</Signature>

</DeliveryNonDeliveryToRecipient>

Figure 5 - Evidence of eDelivery Connectivity test as receipt.dat file

1. Intercent-ER AS4 CEF Conformance test
   1. NoTI-ER sender and receiver scenarios

As requested by INEA on 05/02/2020 the CEF conformance test via GITB platform has been successfully carried out by AS4 eSens profiles of Intercent-ER.

According to CEF conformance guide - (eInvoicing)(Conformance Testing)(SOD)(5.3).pdf – all the steps have been carried out.

1. Step 1: **Registration**

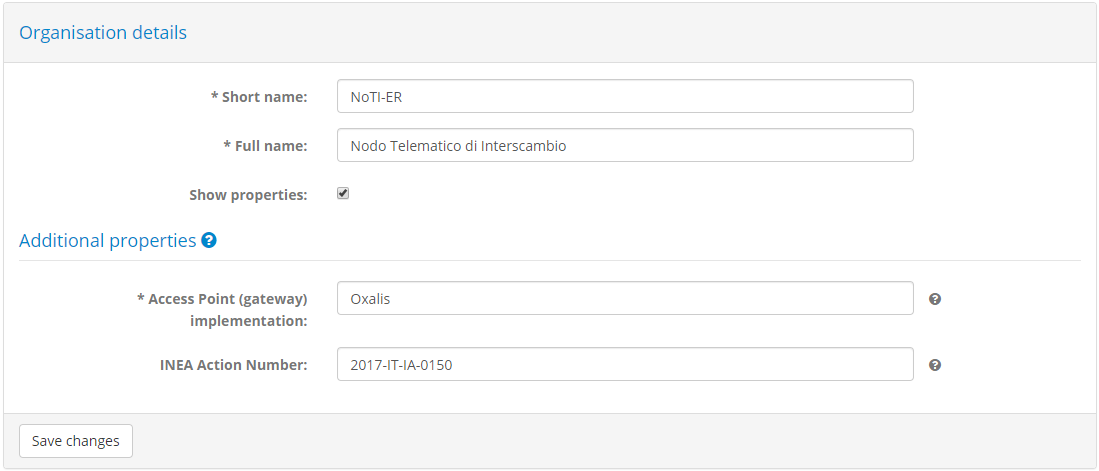


Figure 6 – GITB registration of Intercent-ER organisation

1. Step 2: **Preparation**

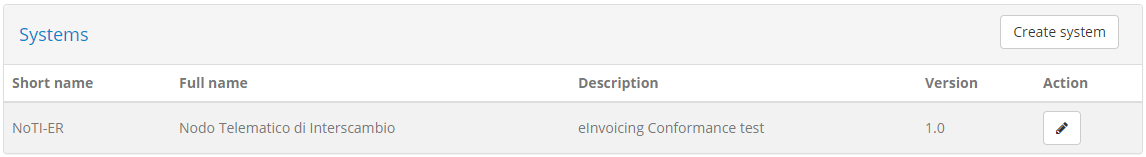




Figure 7 – GITB Intercent-ER test cases preparation

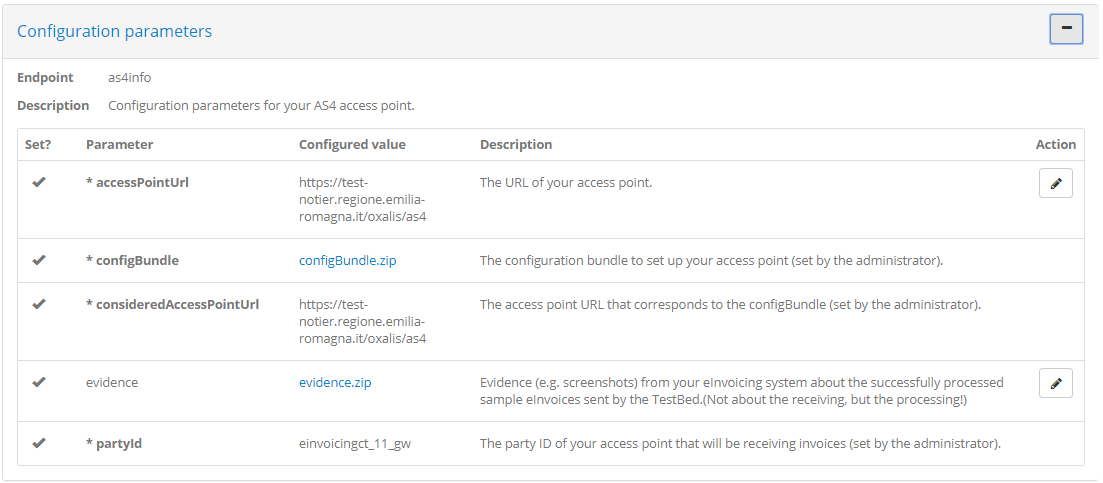


Figure 8 - GITB Intercent-ER test configuration parameters

1. Step 3: **Execution and Report feedback**

**Sender scenario**:

The sender scenario through Oxalis software could not be performed as a result of a known error: Oxalis is unable to receive SBDH.

Therefore, Intercent-ER has opted for the execution of the tests through a service offered by the [Connecting Europe Facility (CEF)](https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/CEF+Digital+Home) allowing you to validate electronic invoices against the requirements of the [European Standard on eInvoicing](https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Compliance+with+eInvoicing+standard), available at the following address [https://www.itb.ec.europa.eu/invoice/upload](https://secure-web.cisco.com/1mNe7kcQusF-r6eYaRej_DmZDpS_dYSENyAsnaCvU59je1O25jxzi7xYt9HwmLKYUSzfhfm3ecGbvdJuglTq0WvbFPQlYWubzXgPlkBEnxvqpu-Ox8oZV3_QgobhjiOcFD4HZt50Y7ZfXkKdXgcW0HK_zHp_IruDx-DP0TSJozOzHHVdAs-NNoHGLhC6Kkcgg0mLaHMQjbDlEEuxwyFEnFJdMV6mgVkijgdNSSzcYBcgppdcZTbQKdCAjS_opEvYY9PrKj1vhfo--TzVkga0c5YBhLy7Pl17d6bdTQmJiJcHuIihkG7coXo23Cnl_5cmD40SYSzsur7k7K8Z-P8S45A/https%3A%2F%2Fwww.itb.ec.europa.eu%2Finvoice%2Fupload);

The tests have been performed successfully.

See AnnexIntercentERConformance.zip, folder 01\_AS4\_sender\_NoTI-ER.

**Receiver scenario**: according to the guide (pag 29) only one test case has to be executed for INEA grants purposes (UBL\_valid\_simple file was used during this test).

See AnnexIntercentERConformance.zip, folder 02\_AS4\_receiver\_NoTI-ER.

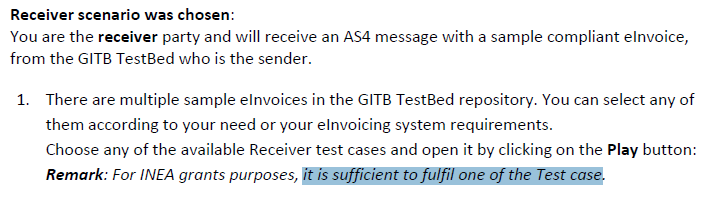


Figure 9 – CEF eInvoicing conformance test guide – receiver scenario

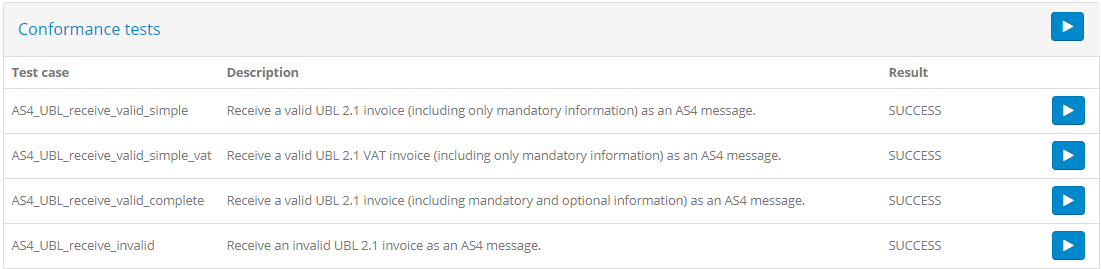


Figure 10 - Receiver scenario successful result

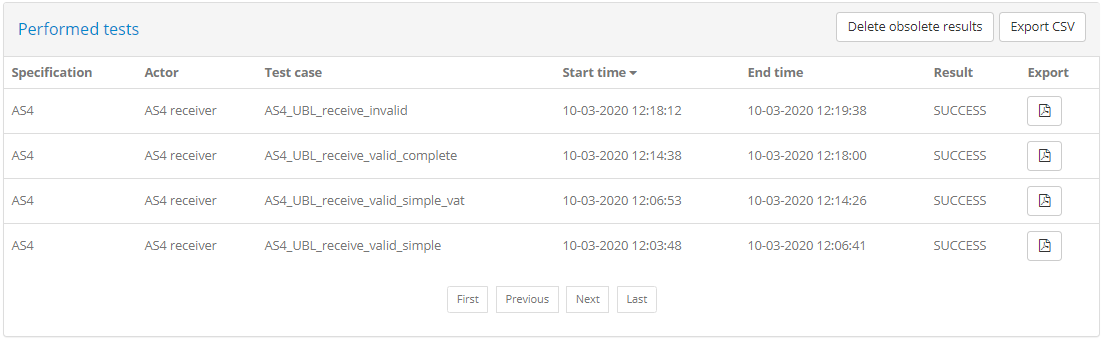


Figure 11 - GITB Intercent-ER performed tests

Evidences related to the file received are defined below.

Test case: **AS4\_UBL\_receive\_valid\_simple**

<!--

This is an out of scope invoice, with VAT code O.

This invoice example has been prepared by CEF.

The example demonstrates the smallest possible invoice that complies

to the EN 16931 standard using the UBL syntax binding.

2018-10-24: Georg Birgisson, Midran ehf.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ID>inv\_ex\_001</cbc:ID>

<cbc:IssueDate>2018-10-01</cbc:IssueDate>

<cbc:DueDate>2018-10-15</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:DocumentCurrencyCode>EUR</cbc:DocumentCurrencyCode>

<cac:AccountingSupplierParty>

<cac:Party>

<cac:PartyIdentification>

<cbc:ID>123</cbc:ID>

</cac:PartyIdentification>

<cac:PostalAddress>

<cbc:StreetName>Mainstreet 1, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Loan service inc.</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cac:PostalAddress>

<cbc:StreetName>Center Square 2, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Mrs Doubtfire</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">0.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="EUR">55</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="EUR">0</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>O</cbc:ID>

<cbc:TaxExemptionReason>Not subject to VAT</cbc:TaxExemptionReason>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="EUR">55.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="EUR">55.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="EUR">55.00</cbc:TaxInclusiveAmount>

<cbc:PayableAmount currencyID="EUR">55.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="H87">1</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="EUR">55.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>Financial charge</cbc:Name>

<cac:ClassifiedTaxCategory>

<cbc:ID>O</cbc:ID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="EUR">55.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 12 - Evidence: AS4\_UBL\_receive\_valid\_simple

Test case: **AS4\_UBL\_receive\_valid\_complete**

<!--

Licensed under European Union Public Licence (EUPL) version 1.2.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2 http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd/maindoc/UBL-Invoice-2.1.xsd">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ProfileID>1</cbc:ProfileID>

<cbc:ID>TOSL110</cbc:ID>

<cbc:IssueDate>2013-04-10</cbc:IssueDate>

<cbc:DueDate>2013-05-10</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:Note>Ordered through our website#Ordering information</cbc:Note>

<!-- <cbc:TaxPointDate>2016-04-10</cbc:TaxPointDate> -->

<cbc:DocumentCurrencyCode>DKK</cbc:DocumentCurrencyCode>

<cbc:TaxCurrencyCode>EUR</cbc:TaxCurrencyCode>

<cbc:AccountingCost>67543</cbc:AccountingCost>

<cbc:BuyerReference>qwerty</cbc:BuyerReference>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

<cbc:DescriptionCode>35</cbc:DescriptionCode>

</cac:InvoicePeriod>

<cac:OrderReference>

<cbc:ID>PO4711</cbc:ID>

<cbc:SalesOrderID>123</cbc:SalesOrderID>

</cac:OrderReference>

<cac:BillingReference>

<cac:InvoiceDocumentReference>

<cbc:ID>TOSL109</cbc:ID>

<cbc:IssueDate>2013-03-10</cbc:IssueDate>

</cac:InvoiceDocumentReference>

</cac:BillingReference>

<cac:DespatchDocumentReference>

<cbc:ID>5433</cbc:ID>

</cac:DespatchDocumentReference>

<cac:ReceiptDocumentReference>

<cbc:ID>3544</cbc:ID>

</cac:ReceiptDocumentReference>

<cac:OriginatorDocumentReference>

<cbc:ID>Lot567</cbc:ID>

</cac:OriginatorDocumentReference>

<cac:ContractDocumentReference>

<cbc:ID>2013-05</cbc:ID>

</cac:ContractDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="AUN">sales slip</cbc:ID>

<cbc:DocumentDescription>your sales slip</cbc:DocumentDescription>

<cac:Attachment>

<cbc:EmbeddedDocumentBinaryObject filename="EHF.pdf" mimeCode="application/pdf">VGVzdGluZyBCYXNlNjQgZW5jb2Rpbmc=</cbc:EmbeddedDocumentBinaryObject>

</cac:Attachment>

</cac:AdditionalDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="AEH">IN123</cbc:ID>

<cbc:DocumentDescription>eInvoicing instructions</cbc:DocumentDescription>

<cac:Attachment>

<cac:ExternalReference>

<cbc:URI>https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Documentation+eInvoicing</cbc:URI>

</cac:ExternalReference>

</cac:Attachment>

</cac:AdditionalDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="VT">BA987PA</cbc:ID>

<cbc:DocumentTypeCode>130</cbc:DocumentTypeCode>

</cac:AdditionalDocumentReference>

<cac:ProjectReference>

<cbc:ID>Project345</cbc:ID>

</cac:ProjectReference>

<cac:AccountingSupplierParty>

<cac:Party>

<cbc:EndpointID schemeID="EM">info@selco.nl</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="0088">5790000436101</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>SelCo</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Hoofdstraat 4</cbc:StreetName>

<cbc:AdditionalStreetName>Om de hoek</cbc:AdditionalStreetName>

<cbc:CityName>Grootstad</cbc:CityName>

<cbc:PostalZone>54321</cbc:PostalZone>

<cbc:CountrySubentity>Overijssel</cbc:CountrySubentity>

<cac:AddressLine>

<cbc:Line>Building 23</cbc:Line>

</cac:AddressLine>

<cac:Country>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyTaxScheme>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>LOC</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>SellerCompany</cbc:RegistrationName>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cbc:CompanyLegalForm>sole proprietor</cbc:CompanyLegalForm>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>Anthon Larsen</cbc:Name>

<cbc:Telephone>+3198989898</cbc:Telephone>

<cbc:ElectronicMail>Anthon@Selco.nl</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cbc:EndpointID schemeID="EM">info@buyercompany.dk</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="0088">5790000436057</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Buyco</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:AdditionalStreetName>5th floor</cbc:AdditionalStreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:AddressLine>

<cbc:Line>Area 51</cbc:Line>

</cac:AddressLine>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>DK16356607</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Buyercompany ltd</cbc:RegistrationName>

<cbc:CompanyID>DK16356607</cbc:CompanyID>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>John Hansen</cbc:Name>

<cbc:Telephone>+4598989898</cbc:Telephone>

<cbc:ElectronicMail>john.hansen@buyercompany.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:PayeeParty>

<cac:PartyIdentification>

<cbc:ID>DK16356608</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Dagobert Duck</cbc:Name>

</cac:PartyName>

<cac:PartyLegalEntity>

<cbc:CompanyID>DK16356608</cbc:CompanyID>

</cac:PartyLegalEntity>

</cac:PayeeParty>

<cac:TaxRepresentativeParty>

<cac:PartyName>

<cbc:Name>Dick Panama</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:AdditionalStreetName>6th floor</cbc:AdditionalStreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>DK16356609</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

</cac:TaxRepresentativeParty>

<cac:Delivery>

<cbc:ActualDeliveryDate>2013-04-15</cbc:ActualDeliveryDate>

<cac:DeliveryLocation>

<cbc:ID>5790000436068</cbc:ID>

<cac:Address>

<cbc:StreetName>Deliverystreet</cbc:StreetName>

<cbc:AdditionalStreetName>Gate 15</cbc:AdditionalStreetName>

<cbc:CityName>Deliverycity</cbc:CityName>

<cbc:PostalZone>9000</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:Address>

</cac:DeliveryLocation>

<cac:DeliveryParty>

<cac:PartyName>

<cbc:Name>Logistic service Ltd</cbc:Name>

</cac:PartyName>

</cac:DeliveryParty>

</cac:Delivery>

<cac:PaymentMeans>

<cbc:PaymentMeansCode>49</cbc:PaymentMeansCode>

<cbc:InstructionNote>Half prepaid</cbc:InstructionNote>

<cbc:PaymentID>Payref1</cbc:PaymentID>

<cac:PaymentMandate>

<cbc:ID>123456</cbc:ID>

<cac:PayerFinancialAccount>

<cbc:ID>DK1212341234123412</cbc:ID>

</cac:PayerFinancialAccount>

</cac:PaymentMandate>

</cac:PaymentMeans>

<cac:PaymentTerms>

<cbc:Note>50% prepaid, 50% within one month</cbc:Note>

</cac:PaymentTerms>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>100</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Loyal customer</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">150.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1500.00</cbc:BaseAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>ABL</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Packaging</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">150.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1500.00</cbc:BaseAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">675.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">1500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">375.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">2500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">300.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">628.62</cbc:TaxAmount>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="DKK">4000.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="DKK">4000.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="DKK">4675.00</cbc:TaxInclusiveAmount>

<cbc:AllowanceTotalAmount currencyID="DKK">150.00</cbc:AllowanceTotalAmount>

<cbc:ChargeTotalAmount currencyID="DKK">150.00</cbc:ChargeTotalAmount>

<cbc:PrepaidAmount currencyID="DKK">2337.50</cbc:PrepaidAmount>

<cbc:PayableRoundingAmount currencyID="DKK">0.50</cbc:PayableRoundingAmount>

<cbc:PayableAmount currencyID="DKK">2338.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:Note>first line</cbc:Note>

<cbc:InvoicedQuantity unitCode="EA">1000</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">1000.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>ACC7654</cbc:AccountingCost>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

</cac:InvoicePeriod>

<cac:OrderLineReference>

<cbc:LineID>1</cbc:LineID>

</cac:OrderLineReference>

<cac:DocumentReference>

<cbc:ID schemeID="VT">BJ12365SS</cbc:ID>

</cac:DocumentReference>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>100</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Loyal customer</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1000.00</cbc:BaseAmount>

</cac:AllowanceCharge>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>ABL</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Packaging</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1000.00</cbc:BaseAmount>

</cac:AllowanceCharge>

<cac:Item>

<cbc:Description>Printing paper, 2mm</cbc:Description>

<cbc:Name>Printing paper</cbc:Name>

<cac:BuyersItemIdentification>

<cbc:ID>BUY123</cbc:ID>

</cac:BuyersItemIdentification>

<cac:SellersItemIdentification>

<cbc:ID>JB007</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="0088">1234567890128</cbc:ID>

</cac:StandardItemIdentification>

<cac:OriginCountry>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:OriginCountry>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="TST">12344321</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

<cac:AdditionalItemProperty>

<cbc:Name>Thickness</cbc:Name>

<cbc:Value>2 mm</cbc:Value>

</cac:AdditionalItemProperty>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">1.00</cbc:PriceAmount>

<cbc:BaseQuantity unitCode="EA">1</cbc:BaseQuantity>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:Amount currencyID="DKK">0.10</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1.10</cbc:BaseAmount>

</cac:AllowanceCharge>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>2</cbc:ID>

<cbc:Note>second line</cbc:Note>

<cbc:InvoicedQuantity unitCode="EA">100</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>ACC7654</cbc:AccountingCost>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

</cac:InvoicePeriod>

<cac:OrderLineReference>

<cbc:LineID>2</cbc:LineID>

</cac:OrderLineReference>

<cac:DocumentReference>

<cbc:ID>Object2</cbc:ID>

</cac:DocumentReference>

<cac:Item>

<cbc:Description>Parker Pen, Black, model Sansa</cbc:Description>

<cbc:Name>Parker Pen</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB008</cbc:ID>

</cac:SellersItemIdentification>

<cac:OriginCountry>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:OriginCountry>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>3</cbc:ID>

<cbc:InvoicedQuantity unitCode="EA">500</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">2500.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>American Cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 13 - Evidence: AS4\_UBL\_receive\_valid\_complete

Test case: **AS4\_UBL\_receive\_valid\_simple\_vat**

<!--   
This is a standard VAT invoice with a rate of 20%.   
This invoice example has been prepared by CEF.   
The example demonstrates the smallest possible VAT invoice that complies to the EN 16931 standard   
using the UBL syntax binding.  
2018-10-24: Georg Birgisson, Midran ehf.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ID>inv\_ex\_002</cbc:ID>

<cbc:IssueDate>2018-10-01</cbc:IssueDate>

<cbc:DueDate>2018-10-15</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:DocumentCurrencyCode>EUR</cbc:DocumentCurrencyCode>

<cac:AccountingSupplierParty>

<cac:Party>

<cac:PartyIdentification>

<cbc:ID>123</cbc:ID>

</cac:PartyIdentification>

<cac:PostalAddress>

<cbc:StreetName>Mainstreet 1, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>BE123654</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VA</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Loan service inc.</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cac:PostalAddress>

<cbc:StreetName>Center Square 2, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Mrs Doubtfire</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">20.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="EUR">100</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="EUR">20</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>20</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="EUR">100.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="EUR">100.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="EUR">120.00</cbc:TaxInclusiveAmount>

<cbc:PayableAmount currencyID="EUR">120.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="H87">1</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="EUR">100.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>Office supplies</cbc:Name>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>20</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="EUR">100.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 14 - Evidence: AS4\_UBL\_receive\_valid\_simple\_vat

Test case: **AS4\_UBL\_receive\_invalid**

<Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDatatypes-2"

xmlns:udt="urn:un:unece:uncefact:data:specification:UnqualifiedDataTypesSchemaModule:2">

<cbc:UBLVersionID>2.1</cbc:UBLVersionID>

<cbc:CustomizationID>urn:www.cenbii.eu:transaction:biitrns010:ver2.0:extended:urn:www.edelivery.eu:bis:edelivery4a:ver2.0</cbc:CustomizationID>

<cbc:ProfileID>urn:www.cenbii.eu:profile:bii04:ver2.0</cbc:ProfileID>

<cbc:ID>TOSL110</cbc:ID>

<cbc:IssueDate>2013-04-10</cbc:IssueDate>

<cbc:InvoiceTypeCode listID="UNCL1001">380</cbc:InvoiceTypeCode>

<cbc:Note>Ordered through catalogue</cbc:Note>

<cbc:DocumentCurrencyCode listID="ISO4217">DKK</cbc:DocumentCurrencyCode>

<cbc:AccountingCost>54321</cbc:AccountingCost>

<cac:OrderReference>

<cbc:ID>ORD544</cbc:ID>

</cac:OrderReference>

<cac:ContractDocumentReference>

<cbc:ID>CON123</cbc:ID>

<cbc:DocumentTypeCode listID="UNCL1001">916</cbc:DocumentTypeCode>

<cbc:DocumentType>Contract - related document</cbc:DocumentType>

</cac:ContractDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID>AGR321</cbc:ID>

<cbc:DocumentType>Additional agreement</cbc:DocumentType>

</cac:AdditionalDocumentReference>

<cac:AccountingSupplierParty>

<cac:Party>

<cbc:EndpointID schemeID="GLN">5790989675432</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK16356706"</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>SellerCompany</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Main street 2, Building 4</cbc:StreetName>

<cbc:CityName>Big city</cbc:CityName>

<cbc:PostalZone>54321</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID schemeID="DK:SE">DK16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>The Sellercompany Incorporated</cbc:RegistrationName>

<cbc:CompanyID schemeID="DK:CVR">DK16356706</cbc:CompanyID>

<cac:RegistrationAddress>

<cbc:CityName>Big city</cbc:CityName>

</cac:RegistrationAddress>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>Anthon Larsen</cbc:Name>

<cbc:Telephone>+4598989898</cbc:Telephone>

<cbc:ElectronicMail>Anthon@SellerCompany.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cbc:EndpointID schemeID="GLN">5790989876765</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK57356709"</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Buyercompany ltd</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Buyer Inc</cbc:RegistrationName>

<cbc:CompanyID schemeID="DK:CVR">DK57356709</cbc:CompanyID>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>John Hansen</cbc:Name>

<cbc:Telephone>+4522446688</cbc:Telephone>

<cbc:ElectronicMail>John@buyerinc.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:PayeeParty>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK57355804&gt;</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Payee part</cbc:Name>

</cac:PartyName>

<cac:PartyLegalEntity>

<cbc:CompanyID schemeID="DK:CVR">DK57355804</cbc:CompanyID>

</cac:PartyLegalEntity>

</cac:PayeeParty>

<cac:Delivery>

<cbc:ActualDeliveryDate>2013-04-15</cbc:ActualDeliveryDate>

<cac:DeliveryLocation>

<cbc:ID schemeID="GLN">5790989865761</cbc:ID>

<cac:Address>

<cbc:StreetName>Deliverystreet</cbc:StreetName>

<cbc:CityName>Deliverycity</cbc:CityName>

<cbc:PostalZone>9000</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:Address>

</cac:DeliveryLocation>

</cac:Delivery>

<cac:PaymentMeans>

<cbc:PaymentMeansCode listID="UNCL4461">42</cbc:PaymentMeansCode>

<cbc:PaymentDueDate>2013-05-10</cbc:PaymentDueDate>

<cbc:PaymentID>Payref1</cbc:PaymentID>

<cac:PayeeFinancialAccount>

<cbc:ID schemeID="IBAN">DK1212341234123412</cbc:ID>

<cac:FinancialInstitutionBranch>

<cac:FinancialInstitution>

<cbc:ID schemeID="BIC">DKXDABCD</cbc:ID>

</cac:FinancialInstitution>

</cac:FinancialInstitutionBranch>

</cac:PayeeFinancialAccount>

</cac:PaymentMeans>

<cac:PaymentTerms>

<cbc:Note>Payment should be completed before due date</cbc:Note>

</cac:PaymentTerms>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode listID="UNCL4465">93</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Invoicing fee</cbc:AllowanceChargeReason>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">705.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">1500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">375.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">2750.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">330.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="DKK">415000.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="DKK">4250.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="DKK">4956.00</cbc:TaxInclusiveAmount>

<cbc:ChargeTotalAmount currencyID="DKK">100.00</cbc:ChargeTotalAmount>

<cbc:PayableRoundingAmount currencyID="DKK">1.00</cbc:PayableRoundingAmount>

<cbc:PayableAmount currencyID="DKK">4956.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">1000</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">900.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode001</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>1</cbc:LineID>

</cac:OrderLineReference>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReason>Discount</cbc:AllowanceChargeReason>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">250.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Description>Printing paper, 2mm</cbc:Description>

<cbc:Name>Printing paper</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB007</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368643453</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">12344321</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">1.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>2</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">100</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode002</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>2</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">125.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Description>Parker Pen, Black, model Sansa</cbc:Description>

<cbc:Name>Parker Pen</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB008</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368876486</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">44121702</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>3</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">500.00</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">2500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode003</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>3</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">60.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Name>American Cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368124358</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">50181905</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>4</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">500</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">250.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode004</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>4</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">30.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Name>Crunchy cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368876486</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">50181905</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">0.5</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 15 - Evidence: AS4\_UBL\_receive\_invalid

* 1. SDI receiver scenario

As requested by INEA on 05/02/2020 the CEF conformance test via GITB platform has been successfully carried out by AS4 eSens profiles of SDI.

According to CEF conformance guide - (eInvoicing)(Conformance Testing)(SOD)(5.3).pdf – all the steps have been carried out.

1. Step 1: **Registration**

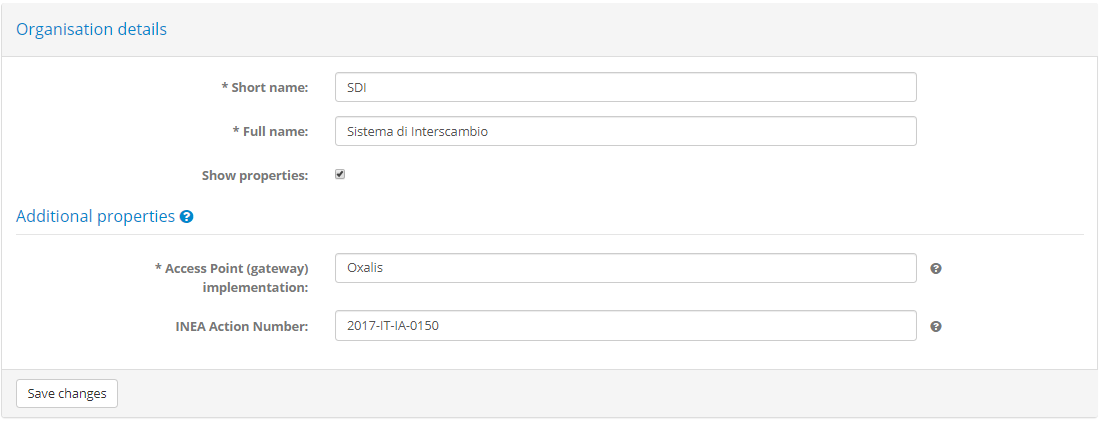


Figure 16 – GITB registration of SDI organisation

1. Step 2: **Preparation**

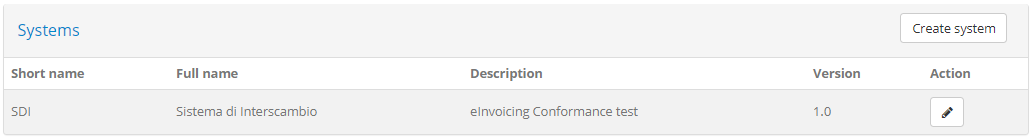


Figure 17 – GITB SDI test cases preparation

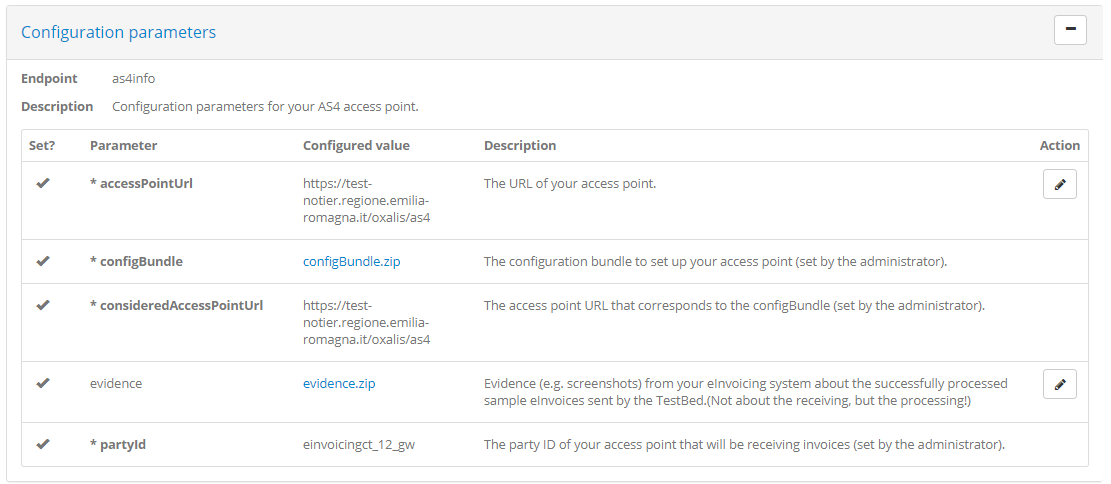


Figure 18 - GITB SDI test configuration parameters

1. Step 3: **Execution and Report feedback**

**Receiver scenario**: according to the guide (pag 29) only one test case has to be executed for INEA grants purposes (UBL\_valid\_simple file was used during this test).

See AnnexIntercentERConformance.zip, forder 03\_AS4\_receiver\_SDI.

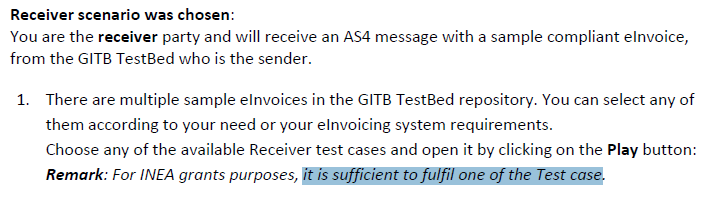


Figure 19 – CEF eInvoicing conformance test guide – receiver scenario

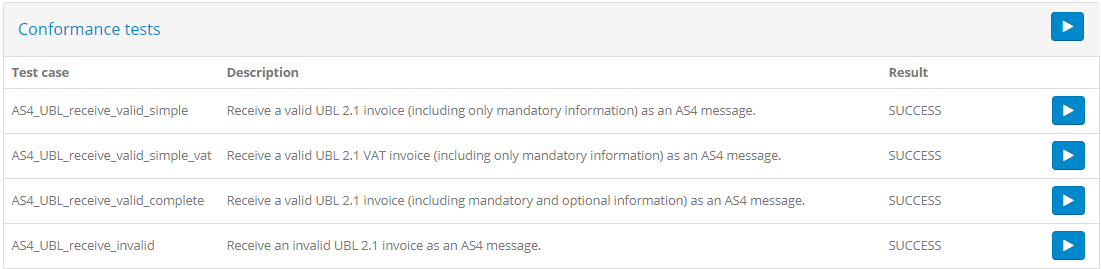


Figure 20 - Receiver scenario successful result

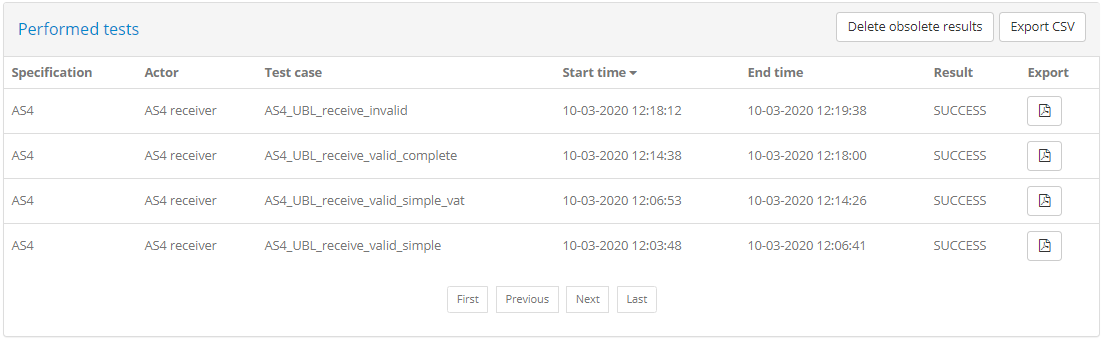
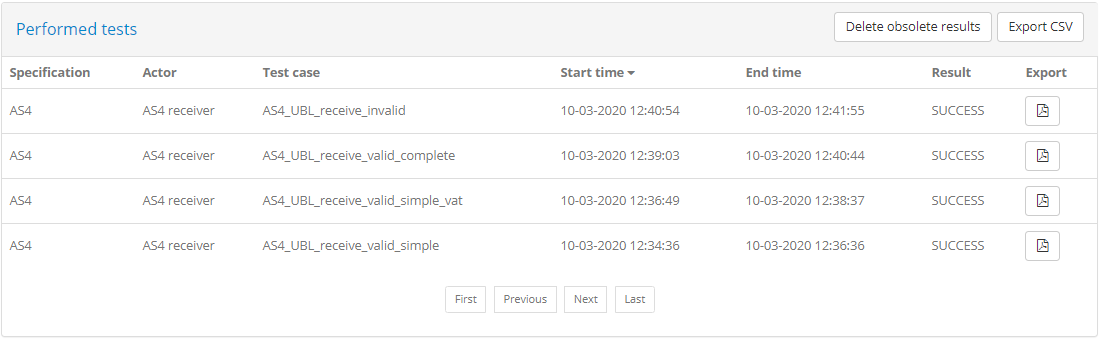
 

Figure 21 - GITB SDI performed tests

Evidences related to the file received are defined below.

Test case: **AS4\_UBL\_receive\_valid\_simple**

<!--

This is an out of scope invoice, with VAT code O.

This invoice example has been prepared by CEF.

The example demonstrates the smallest possible invoice that complies

to the EN 16931 standard using the UBL syntax binding.

2018-10-24: Georg Birgisson, Midran ehf.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ID>inv\_ex\_001</cbc:ID>

<cbc:IssueDate>2018-10-01</cbc:IssueDate>

<cbc:DueDate>2018-10-15</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:DocumentCurrencyCode>EUR</cbc:DocumentCurrencyCode>

<cac:AccountingSupplierParty>

<cac:Party>

<cac:PartyIdentification>

<cbc:ID>123</cbc:ID>

</cac:PartyIdentification>

<cac:PostalAddress>

<cbc:StreetName>Mainstreet 1, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Loan service inc.</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cac:PostalAddress>

<cbc:StreetName>Center Square 2, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Mrs Doubtfire</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">0.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="EUR">55</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="EUR">0</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>O</cbc:ID>

<cbc:TaxExemptionReason>Not subject to VAT</cbc:TaxExemptionReason>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="EUR">55.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="EUR">55.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="EUR">55.00</cbc:TaxInclusiveAmount>

<cbc:PayableAmount currencyID="EUR">55.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="H87">1</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="EUR">55.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>Financial charge</cbc:Name>

<cac:ClassifiedTaxCategory>

<cbc:ID>O</cbc:ID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="EUR">55.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 22 - Evidence: AS4\_UBL\_receive\_valid\_simple

Test case: **AS4\_UBL\_receive\_valid\_complete**

<!--

Licensed under European Union Public Licence (EUPL) version 1.2.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2 http://docs.oasis-open.org/ubl/os-UBL-2.1/xsd/maindoc/UBL-Invoice-2.1.xsd">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ProfileID>1</cbc:ProfileID>

<cbc:ID>TOSL110</cbc:ID>

<cbc:IssueDate>2013-04-10</cbc:IssueDate>

<cbc:DueDate>2013-05-10</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:Note>Ordered through our website#Ordering information</cbc:Note>

<!-- <cbc:TaxPointDate>2016-04-10</cbc:TaxPointDate> -->

<cbc:DocumentCurrencyCode>DKK</cbc:DocumentCurrencyCode>

<cbc:TaxCurrencyCode>EUR</cbc:TaxCurrencyCode>

<cbc:AccountingCost>67543</cbc:AccountingCost>

<cbc:BuyerReference>qwerty</cbc:BuyerReference>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

<cbc:DescriptionCode>35</cbc:DescriptionCode>

</cac:InvoicePeriod>

<cac:OrderReference>

<cbc:ID>PO4711</cbc:ID>

<cbc:SalesOrderID>123</cbc:SalesOrderID>

</cac:OrderReference>

<cac:BillingReference>

<cac:InvoiceDocumentReference>

<cbc:ID>TOSL109</cbc:ID>

<cbc:IssueDate>2013-03-10</cbc:IssueDate>

</cac:InvoiceDocumentReference>

</cac:BillingReference>

<cac:DespatchDocumentReference>

<cbc:ID>5433</cbc:ID>

</cac:DespatchDocumentReference>

<cac:ReceiptDocumentReference>

<cbc:ID>3544</cbc:ID>

</cac:ReceiptDocumentReference>

<cac:OriginatorDocumentReference>

<cbc:ID>Lot567</cbc:ID>

</cac:OriginatorDocumentReference>

<cac:ContractDocumentReference>

<cbc:ID>2013-05</cbc:ID>

</cac:ContractDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="AUN">sales slip</cbc:ID>

<cbc:DocumentDescription>your sales slip</cbc:DocumentDescription>

<cac:Attachment>

<cbc:EmbeddedDocumentBinaryObject filename="EHF.pdf" mimeCode="application/pdf">VGVzdGluZyBCYXNlNjQgZW5jb2Rpbmc=</cbc:EmbeddedDocumentBinaryObject>

</cac:Attachment>

</cac:AdditionalDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="AEH">IN123</cbc:ID>

<cbc:DocumentDescription>eInvoicing instructions</cbc:DocumentDescription>

<cac:Attachment>

<cac:ExternalReference>

<cbc:URI>https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Documentation+eInvoicing</cbc:URI>

</cac:ExternalReference>

</cac:Attachment>

</cac:AdditionalDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID schemeID="VT">BA987PA</cbc:ID>

<cbc:DocumentTypeCode>130</cbc:DocumentTypeCode>

</cac:AdditionalDocumentReference>

<cac:ProjectReference>

<cbc:ID>Project345</cbc:ID>

</cac:ProjectReference>

<cac:AccountingSupplierParty>

<cac:Party>

<cbc:EndpointID schemeID="EM">info@selco.nl</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="0088">5790000436101</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>SelCo</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Hoofdstraat 4</cbc:StreetName>

<cbc:AdditionalStreetName>Om de hoek</cbc:AdditionalStreetName>

<cbc:CityName>Grootstad</cbc:CityName>

<cbc:PostalZone>54321</cbc:PostalZone>

<cbc:CountrySubentity>Overijssel</cbc:CountrySubentity>

<cac:AddressLine>

<cbc:Line>Building 23</cbc:Line>

</cac:AddressLine>

<cac:Country>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyTaxScheme>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>LOC</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>SellerCompany</cbc:RegistrationName>

<cbc:CompanyID>NL16356706</cbc:CompanyID>

<cbc:CompanyLegalForm>sole proprietor</cbc:CompanyLegalForm>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>Anthon Larsen</cbc:Name>

<cbc:Telephone>+3198989898</cbc:Telephone>

<cbc:ElectronicMail>Anthon@Selco.nl</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cbc:EndpointID schemeID="EM">info@buyercompany.dk</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="0088">5790000436057</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Buyco</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:AdditionalStreetName>5th floor</cbc:AdditionalStreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:AddressLine>

<cbc:Line>Area 51</cbc:Line>

</cac:AddressLine>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>DK16356607</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Buyercompany ltd</cbc:RegistrationName>

<cbc:CompanyID>DK16356607</cbc:CompanyID>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>John Hansen</cbc:Name>

<cbc:Telephone>+4598989898</cbc:Telephone>

<cbc:ElectronicMail>john.hansen@buyercompany.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:PayeeParty>

<cac:PartyIdentification>

<cbc:ID>DK16356608</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Dagobert Duck</cbc:Name>

</cac:PartyName>

<cac:PartyLegalEntity>

<cbc:CompanyID>DK16356608</cbc:CompanyID>

</cac:PartyLegalEntity>

</cac:PayeeParty>

<cac:TaxRepresentativeParty>

<cac:PartyName>

<cbc:Name>Dick Panama</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:AdditionalStreetName>6th floor</cbc:AdditionalStreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>DK16356609</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

</cac:TaxRepresentativeParty>

<cac:Delivery>

<cbc:ActualDeliveryDate>2013-04-15</cbc:ActualDeliveryDate>

<cac:DeliveryLocation>

<cbc:ID>5790000436068</cbc:ID>

<cac:Address>

<cbc:StreetName>Deliverystreet</cbc:StreetName>

<cbc:AdditionalStreetName>Gate 15</cbc:AdditionalStreetName>

<cbc:CityName>Deliverycity</cbc:CityName>

<cbc:PostalZone>9000</cbc:PostalZone>

<cbc:CountrySubentity>Jutland</cbc:CountrySubentity>

<cac:Country>

<cbc:IdentificationCode>DK</cbc:IdentificationCode>

</cac:Country>

</cac:Address>

</cac:DeliveryLocation>

<cac:DeliveryParty>

<cac:PartyName>

<cbc:Name>Logistic service Ltd</cbc:Name>

</cac:PartyName>

</cac:DeliveryParty>

</cac:Delivery>

<cac:PaymentMeans>

<cbc:PaymentMeansCode>49</cbc:PaymentMeansCode>

<cbc:InstructionNote>Half prepaid</cbc:InstructionNote>

<cbc:PaymentID>Payref1</cbc:PaymentID>

<cac:PaymentMandate>

<cbc:ID>123456</cbc:ID>

<cac:PayerFinancialAccount>

<cbc:ID>DK1212341234123412</cbc:ID>

</cac:PayerFinancialAccount>

</cac:PaymentMandate>

</cac:PaymentMeans>

<cac:PaymentTerms>

<cbc:Note>50% prepaid, 50% within one month</cbc:Note>

</cac:PaymentTerms>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>100</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Loyal customer</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">150.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1500.00</cbc:BaseAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>ABL</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Packaging</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">150.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1500.00</cbc:BaseAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">675.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">1500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">375.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">2500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">300.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">628.62</cbc:TaxAmount>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="DKK">4000.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="DKK">4000.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="DKK">4675.00</cbc:TaxInclusiveAmount>

<cbc:AllowanceTotalAmount currencyID="DKK">150.00</cbc:AllowanceTotalAmount>

<cbc:ChargeTotalAmount currencyID="DKK">150.00</cbc:ChargeTotalAmount>

<cbc:PrepaidAmount currencyID="DKK">2337.50</cbc:PrepaidAmount>

<cbc:PayableRoundingAmount currencyID="DKK">0.50</cbc:PayableRoundingAmount>

<cbc:PayableAmount currencyID="DKK">2338.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:Note>first line</cbc:Note>

<cbc:InvoicedQuantity unitCode="EA">1000</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">1000.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>ACC7654</cbc:AccountingCost>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

</cac:InvoicePeriod>

<cac:OrderLineReference>

<cbc:LineID>1</cbc:LineID>

</cac:OrderLineReference>

<cac:DocumentReference>

<cbc:ID schemeID="VT">BJ12365SS</cbc:ID>

</cac:DocumentReference>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>100</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Loyal customer</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1000.00</cbc:BaseAmount>

</cac:AllowanceCharge>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode>ABL</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Packaging</cbc:AllowanceChargeReason>

<cbc:MultiplierFactorNumeric>10</cbc:MultiplierFactorNumeric>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1000.00</cbc:BaseAmount>

</cac:AllowanceCharge>

<cac:Item>

<cbc:Description>Printing paper, 2mm</cbc:Description>

<cbc:Name>Printing paper</cbc:Name>

<cac:BuyersItemIdentification>

<cbc:ID>BUY123</cbc:ID>

</cac:BuyersItemIdentification>

<cac:SellersItemIdentification>

<cbc:ID>JB007</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="0088">1234567890128</cbc:ID>

</cac:StandardItemIdentification>

<cac:OriginCountry>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:OriginCountry>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="TST">12344321</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

<cac:AdditionalItemProperty>

<cbc:Name>Thickness</cbc:Name>

<cbc:Value>2 mm</cbc:Value>

</cac:AdditionalItemProperty>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">1.00</cbc:PriceAmount>

<cbc:BaseQuantity unitCode="EA">1</cbc:BaseQuantity>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:Amount currencyID="DKK">0.10</cbc:Amount>

<cbc:BaseAmount currencyID="DKK">1.10</cbc:BaseAmount>

</cac:AllowanceCharge>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>2</cbc:ID>

<cbc:Note>second line</cbc:Note>

<cbc:InvoicedQuantity unitCode="EA">100</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>ACC7654</cbc:AccountingCost>

<cac:InvoicePeriod>

<cbc:StartDate>2013-03-10</cbc:StartDate>

<cbc:EndDate>2013-04-10</cbc:EndDate>

</cac:InvoicePeriod>

<cac:OrderLineReference>

<cbc:LineID>2</cbc:LineID>

</cac:OrderLineReference>

<cac:DocumentReference>

<cbc:ID>Object2</cbc:ID>

</cac:DocumentReference>

<cac:Item>

<cbc:Description>Parker Pen, Black, model Sansa</cbc:Description>

<cbc:Name>Parker Pen</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB008</cbc:ID>

</cac:SellersItemIdentification>

<cac:OriginCountry>

<cbc:IdentificationCode>NL</cbc:IdentificationCode>

</cac:OriginCountry>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>3</cbc:ID>

<cbc:InvoicedQuantity unitCode="EA">500</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">2500.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>American Cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 23 - Evidence: AS4\_UBL\_receive\_valid\_complete

Test case: **AS4\_UBL\_receive\_valid\_simple\_vat**

<!--

This is a standard VAT invoice with a rate of 20%.

This invoice example has been prepared by CEF.

The example demonstrates the smallest possible VAT invoice that complies to the EN 16931 standard

using the UBL syntax binding.

2018-10-24: Georg Birgisson, Midran ehf.

--><Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDataTypes-2"

xmlns:udt="urn:oasis:names:specification:ubl:schema:xsd:UnqualifiedDataTypes-2">

<cbc:CustomizationID>urn:cen.eu:en16931:2017</cbc:CustomizationID>

<cbc:ID>inv\_ex\_002</cbc:ID>

<cbc:IssueDate>2018-10-01</cbc:IssueDate>

<cbc:DueDate>2018-10-15</cbc:DueDate>

<cbc:InvoiceTypeCode>380</cbc:InvoiceTypeCode>

<cbc:DocumentCurrencyCode>EUR</cbc:DocumentCurrencyCode>

<cac:AccountingSupplierParty>

<cac:Party>

<cac:PartyIdentification>

<cbc:ID>123</cbc:ID>

</cac:PartyIdentification>

<cac:PostalAddress>

<cbc:StreetName>Mainstreet 1, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID>BE123654</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VA</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Loan service inc.</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cac:PostalAddress>

<cbc:StreetName>Center Square 2, Anytown</cbc:StreetName>

<cac:Country>

<cbc:IdentificationCode>BE</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Mrs Doubtfire</cbc:RegistrationName>

</cac:PartyLegalEntity>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="EUR">20.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="EUR">100</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="EUR">20</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>20</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="EUR">100.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="EUR">100.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="EUR">120.00</cbc:TaxInclusiveAmount>

<cbc:PayableAmount currencyID="EUR">120.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="H87">1</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="EUR">100.00</cbc:LineExtensionAmount>

<cac:Item>

<cbc:Name>Office supplies</cbc:Name>

<cac:ClassifiedTaxCategory>

<cbc:ID>S</cbc:ID>

<cbc:Percent>20</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="EUR">100.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 24 - Evidence: AS4\_UBL\_receive\_valid\_simple\_vat

Test case: **AS4\_UBL\_receive\_invalid**

<Invoice xmlns="urn:oasis:names:specification:ubl:schema:xsd:Invoice-2"

xmlns:cac="urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2"

xmlns:cbc="urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2"

xmlns:ccts="urn:un:unece:uncefact:documentation:2"

xmlns:qdt="urn:oasis:names:specification:ubl:schema:xsd:QualifiedDatatypes-2"

xmlns:udt="urn:un:unece:uncefact:data:specification:UnqualifiedDataTypesSchemaModule:2">

<cbc:UBLVersionID>2.1</cbc:UBLVersionID>

<cbc:CustomizationID>urn:www.cenbii.eu:transaction:biitrns010:ver2.0:extended:urn:www.edelivery.eu:bis:edelivery4a:ver2.0</cbc:CustomizationID>

<cbc:ProfileID>urn:www.cenbii.eu:profile:bii04:ver2.0</cbc:ProfileID>

<cbc:ID>TOSL110</cbc:ID>

<cbc:IssueDate>2013-04-10</cbc:IssueDate>

<cbc:InvoiceTypeCode listID="UNCL1001">380</cbc:InvoiceTypeCode>

<cbc:Note>Ordered through catalogue</cbc:Note>

<cbc:DocumentCurrencyCode listID="ISO4217">DKK</cbc:DocumentCurrencyCode>

<cbc:AccountingCost>54321</cbc:AccountingCost>

<cac:OrderReference>

<cbc:ID>ORD544</cbc:ID>

</cac:OrderReference>

<cac:ContractDocumentReference>

<cbc:ID>CON123</cbc:ID>

<cbc:DocumentTypeCode listID="UNCL1001">916</cbc:DocumentTypeCode>

<cbc:DocumentType>Contract - related document</cbc:DocumentType>

</cac:ContractDocumentReference>

<cac:AdditionalDocumentReference>

<cbc:ID>AGR321</cbc:ID>

<cbc:DocumentType>Additional agreement</cbc:DocumentType>

</cac:AdditionalDocumentReference>

<cac:AccountingSupplierParty>

<cac:Party>

<cbc:EndpointID schemeID="GLN">5790989675432</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK16356706"</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>SellerCompany</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Main street 2, Building 4</cbc:StreetName>

<cbc:CityName>Big city</cbc:CityName>

<cbc:PostalZone>54321</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyTaxScheme>

<cbc:CompanyID schemeID="DK:SE">DK16356706</cbc:CompanyID>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:PartyTaxScheme>

<cac:PartyLegalEntity>

<cbc:RegistrationName>The Sellercompany Incorporated</cbc:RegistrationName>

<cbc:CompanyID schemeID="DK:CVR">DK16356706</cbc:CompanyID>

<cac:RegistrationAddress>

<cbc:CityName>Big city</cbc:CityName>

</cac:RegistrationAddress>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>Anthon Larsen</cbc:Name>

<cbc:Telephone>+4598989898</cbc:Telephone>

<cbc:ElectronicMail>Anthon@SellerCompany.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingSupplierParty>

<cac:AccountingCustomerParty>

<cac:Party>

<cbc:EndpointID schemeID="GLN">5790989876765</cbc:EndpointID>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK57356709"</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Buyercompany ltd</cbc:Name>

</cac:PartyName>

<cac:PostalAddress>

<cbc:StreetName>Anystreet, Building 1</cbc:StreetName>

<cbc:CityName>Anytown</cbc:CityName>

<cbc:PostalZone>101</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:PostalAddress>

<cac:PartyLegalEntity>

<cbc:RegistrationName>Buyer Inc</cbc:RegistrationName>

<cbc:CompanyID schemeID="DK:CVR">DK57356709</cbc:CompanyID>

</cac:PartyLegalEntity>

<cac:Contact>

<cbc:Name>John Hansen</cbc:Name>

<cbc:Telephone>+4522446688</cbc:Telephone>

<cbc:ElectronicMail>John@buyerinc.dk</cbc:ElectronicMail>

</cac:Contact>

</cac:Party>

</cac:AccountingCustomerParty>

<cac:PayeeParty>

<cac:PartyIdentification>

<cbc:ID schemeID="DK:CVR">DK57355804&gt;</cbc:ID>

</cac:PartyIdentification>

<cac:PartyName>

<cbc:Name>Payee part</cbc:Name>

</cac:PartyName>

<cac:PartyLegalEntity>

<cbc:CompanyID schemeID="DK:CVR">DK57355804</cbc:CompanyID>

</cac:PartyLegalEntity>

</cac:PayeeParty>

<cac:Delivery>

<cbc:ActualDeliveryDate>2013-04-15</cbc:ActualDeliveryDate>

<cac:DeliveryLocation>

<cbc:ID schemeID="GLN">5790989865761</cbc:ID>

<cac:Address>

<cbc:StreetName>Deliverystreet</cbc:StreetName>

<cbc:CityName>Deliverycity</cbc:CityName>

<cbc:PostalZone>9000</cbc:PostalZone>

<cac:Country>

<cbc:IdentificationCode listID="ISO3166-1:Alpha2">DK</cbc:IdentificationCode>

</cac:Country>

</cac:Address>

</cac:DeliveryLocation>

</cac:Delivery>

<cac:PaymentMeans>

<cbc:PaymentMeansCode listID="UNCL4461">42</cbc:PaymentMeansCode>

<cbc:PaymentDueDate>2013-05-10</cbc:PaymentDueDate>

<cbc:PaymentID>Payref1</cbc:PaymentID>

<cac:PayeeFinancialAccount>

<cbc:ID schemeID="IBAN">DK1212341234123412</cbc:ID>

<cac:FinancialInstitutionBranch>

<cac:FinancialInstitution>

<cbc:ID schemeID="BIC">DKXDABCD</cbc:ID>

</cac:FinancialInstitution>

</cac:FinancialInstitutionBranch>

</cac:PayeeFinancialAccount>

</cac:PaymentMeans>

<cac:PaymentTerms>

<cbc:Note>Payment should be completed before due date</cbc:Note>

</cac:PaymentTerms>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>true</cbc:ChargeIndicator>

<cbc:AllowanceChargeReasonCode listID="UNCL4465">93</cbc:AllowanceChargeReasonCode>

<cbc:AllowanceChargeReason>Invoicing fee</cbc:AllowanceChargeReason>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">705.00</cbc:TaxAmount>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">1500.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">375.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

<cac:TaxSubtotal>

<cbc:TaxableAmount currencyID="DKK">2750.00</cbc:TaxableAmount>

<cbc:TaxAmount currencyID="DKK">330.00</cbc:TaxAmount>

<cac:TaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:TaxCategory>

</cac:TaxSubtotal>

</cac:TaxTotal>

<cac:LegalMonetaryTotal>

<cbc:LineExtensionAmount currencyID="DKK">415000.00</cbc:LineExtensionAmount>

<cbc:TaxExclusiveAmount currencyID="DKK">4250.00</cbc:TaxExclusiveAmount>

<cbc:TaxInclusiveAmount currencyID="DKK">4956.00</cbc:TaxInclusiveAmount>

<cbc:ChargeTotalAmount currencyID="DKK">100.00</cbc:ChargeTotalAmount>

<cbc:PayableRoundingAmount currencyID="DKK">1.00</cbc:PayableRoundingAmount>

<cbc:PayableAmount currencyID="DKK">4956.00</cbc:PayableAmount>

</cac:LegalMonetaryTotal>

<cac:InvoiceLine>

<cbc:ID>1</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">1000</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">900.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode001</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>1</cbc:LineID>

</cac:OrderLineReference>

<cac:AllowanceCharge>

<cbc:ChargeIndicator>false</cbc:ChargeIndicator>

<cbc:AllowanceChargeReason>Discount</cbc:AllowanceChargeReason>

<cbc:Amount currencyID="DKK">100.00</cbc:Amount>

</cac:AllowanceCharge>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">250.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Description>Printing paper, 2mm</cbc:Description>

<cbc:Name>Printing paper</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB007</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368643453</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">12344321</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">1.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>2</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">100</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode002</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>2</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">125.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Description>Parker Pen, Black, model Sansa</cbc:Description>

<cbc:Name>Parker Pen</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB008</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368876486</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">44121702</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">S</cbc:ID>

<cbc:Percent>25</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>3</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">500.00</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">2500.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode003</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>3</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">60.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Name>American Cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368124358</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">50181905</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">5.00</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

<cac:InvoiceLine>

<cbc:ID>4</cbc:ID>

<cbc:InvoicedQuantity unitCode="C62" unitCodeListID="UNECERec20">500</cbc:InvoicedQuantity>

<cbc:LineExtensionAmount currencyID="DKK">250.00</cbc:LineExtensionAmount>

<cbc:AccountingCost>BookingCode004</cbc:AccountingCost>

<cac:OrderLineReference>

<cbc:LineID>4</cbc:LineID>

</cac:OrderLineReference>

<cac:TaxTotal>

<cbc:TaxAmount currencyID="DKK">30.00</cbc:TaxAmount>

</cac:TaxTotal>

<cac:Item>

<cbc:Name>Crunchy cookies</cbc:Name>

<cac:SellersItemIdentification>

<cbc:ID>JB009</cbc:ID>

</cac:SellersItemIdentification>

<cac:StandardItemIdentification>

<cbc:ID schemeID="GTIN">05704368876486</cbc:ID>

</cac:StandardItemIdentification>

<cac:CommodityClassification>

<cbc:ItemClassificationCode listID="UNSPSC">50181905</cbc:ItemClassificationCode>

</cac:CommodityClassification>

<cac:ClassifiedTaxCategory>

<cbc:ID schemeID="UNCL5305">AA</cbc:ID>

<cbc:Percent>12</cbc:Percent>

<cac:TaxScheme>

<cbc:ID>VAT</cbc:ID>

</cac:TaxScheme>

</cac:ClassifiedTaxCategory>

</cac:Item>

<cac:Price>

<cbc:PriceAmount currencyID="DKK">0.5</cbc:PriceAmount>

</cac:Price>

</cac:InvoiceLine>

</Invoice>

Figure 25 - Evidence: AS4\_UBL\_receive\_invalid