



# cXML invoicing

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# What is cXML invoicing?

- Type of invoice transmission
- Invoices are transmitted from supplier's ERP system to Coupa via xml file
- No need to use Coupa Supplier Portal for each invoice
- Transmission is quick and make approval process smoother
- This transmission is used usually with cXML PO transmission
- Full data package should be set up on supplier's side. Coupa can only receive informations and validates.



# What's need to be prepared before testing?

## Requirements

### 1) Credentials

- Credentials for connection to supplier's ERP system
- Credentials must the same on both sides
- They are usually provided by supplier in questionnaire

## Invoicing Configuration

Allow cXML for Invoicing and Advanced Ship Notices

CXML Invoice Supplier Domain

CXML Invoice Supplier Identity

CXML Invoice Buyer Domain

CXML Invoice Buyer Identity

CXML Invoice Secret



# What's need to be prepared before testing?

## Requirements

### 2) Legal entity setup on CSP

- Supplier account must be linked to Coupa Supplier Portal.
- Supplier has to create Supplier Legal entity – **only once!**
- An important part is Miscellaneous –> **Invoice-From Code**
  - This code transfer remit-to, invoice from, ship from address to Coupa – (See slide 8)

Which customers do you want to see this?

- All
- Lear Corporation TEST - D6\_LEAR SUPPLIER TEST\_00001
- Lear Corporation TEST - 140\_HEWLETT-PACKARD LTD\_50022
- Lear Corporation TEST - MAR\_MINOR ES HATHAZY BT
- Lear Corporation TEST - ESP\_ARD STUDIOCLIMA, S.L.

What address do you invoice from?

\* Address Line 1

Address Line 2

\* City

County

\* Post Code

Country/Region

Use this address for Remit To i

Use this for Ship-From address i

#### REQUIRED FOR INVOICING

Enter the registered address of your legal entity. This is the same location as where you receive government documents. i

What is your Tax ID? i

Country/Region  x

\* VAT ID

I don't have a VAT/GST Number

[Add additional Tax ID](#)

#### Miscellaneous

Invoice-From Code  i

Preferred Language

Cancel

Save & Continue



# What's need to be prepared before testing?

## Requirements

### 3) cXML template

- Each country has their own compliant template (UK template as an example)
- Lear provides this template
- Coupa validates this template (next slide)
- Template helps to supplier set up connection also on their side

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE cXML SYSTEM "http://xml.cXML.org/schemas/cXML/1.2.020/InvoiceDetail.dtd">
- <cXML xmlns:lang="en-US" payloadID="xxxx.xxxx.xxx@demo.coupa.com" timestamp="2018-02-11T10:16:25-08:00" version="1.2.020">
  - <Header>
    - <From>
      - <Credential domain="DUNS">
        <Identity>UK</Identity>
      </Credential>
    </From>
    - <To>
      - <Credential domain="DUNS">
        <Identity>UKCOUPA</Identity>
      </Credential>
    </To>
    - <Sender>
      - <Credential domain="DUNS">
        <Identity>UK</Identity>
        <SharedSecret>UK1</SharedSecret>
      </Credential>
      <UserAgent>The User Agent</UserAgent>
    </Sender>
  </Header>
  - <Request deploymentMode="production">
    - <InvoiceDetailRequest>
      - <InvoiceDetailRequestHeader invoiceID="UK_PO11" invoiceOrigin="supplier" purpose="standard" operation="new" invoiceDate="2018-02-11T10:13:00-08:00">
        <InvoiceDetailHeaderIndicator/>
        <InvoiceDetailLineIndicator isTaxInLine="yes" isAccountingInLine="yes"/>
      </InvoiceDetailRequestHeader>
      - <InvoicePartner>
        - <Contact role="soldTo">
          <Name xmlns:lang="en-US">Customer Contact</Name>
          - <PostalAddress>
            <DeliverTo>Customer Name</DeliverTo>
            <Street>123 City Street</Street>
            <City>London</City>
            <PostalCode>EC1 3CY</PostalCode>
            <Country isoCountryCode="GB">United Kingdom</Country>
          </PostalAddress>
        </Contact>
      </InvoicePartner>
      - <InvoicePartner>
        - <Contact role="billTo">
          <Name xmlns:lang="en">Ace Corporate</Name>
          - <PostalAddress name="default">
            <Street>88 Coupa Street</Street>
            <City>London</City>
            <PostalCode>NW18 3OK</PostalCode>
            <Country isoCountryCode="GB">United Kingdom</Country>
          </PostalAddress>
        </Contact>
      </InvoicePartner>
    </InvoiceDetailRequest>
  </Request>
</cXML>
```



# cXML invoicing validation

## 1) credentials

- Credentials are login informations
- Must match on both sides

```
- <Header>
  - <From>
    - <Credential domain="DUNS">
      <Identity>UK</Identity>
    </Credential>
  </From>
  - <To>
    - <Credential domain="DUNS">
      <Identity>UKCOUPA</Identity>
    </Credential>
  </To>
  - <Sender>
    - <Credential domain="DUNS">
      <Identity>UK</Identity>
      <SharedSecret>UK1</SharedSecret>
    </Credential>
    <UserAgent>The User Agent</UserAgent>
  </Sender>
->
```



## Invoicing Configuration

Allow cXML for Invoicing and Advanced Ship Notices

CXML Invoice Supplier Domain	<input type="text" value="DUNS"/>
CXML Invoice Supplier Identity	<input type="text" value="UK"/>
CXML Invoice Buyer Domain	<input type="text" value="DUNS"/>
CXML Invoice Buyer Identity	<input type="text" value="UKCOUPA"/>
CXML Invoice Secret	<input type="text" value="UK1"/>



# cXML invoicing validation

## 2) Bill-to, Sold-to address

- Bill-to, Sold-to address is provided by Lear
- Lear provides also ID for both addresses – ID is the same
- Each location has their own ID
- Bill-to and Sold-to ID must be in place to validate invoice

```
- <InvoicePartner>  
  - <Contact role="billTo" addressID="454938">  
    <Name xml:lang="en-EN">LEAR CORPORATION UK LTD</Name>  
    - <PostalAddress>  
      <Street>WATERMAN ROAD</Street>  
      <Street>NEW HORIZON PARK</Street>  
      <City>COVENTRY</City>  
      <PostalCode>CV6 5TP</PostalCode>  
      <Country isoCountryCode="UK">UK</Country>  
    </PostalAddress>  
  </Contact>  
  <IdReference domain="taxNumber" identifier="GB304437920"/>  
</InvoicePartner>
```

```
- <InvoicePartner>  
  - <Contact role="soldTo" addressID="454938">  
    <Name xml:lang="en-EN">LEAR CORPORATION UK LTD</Name>  
    - <PostalAddress>  
      <Street>WATERMAN ROAD</Street>  
      <Street>NEW HORIZON PARK</Street>  
      <City>COVENTRY</City>  
      <PostalCode>CV6 5TP</PostalCode>  
      <Country isoCountryCode="UK">UK</Country>  
    </PostalAddress>  
  </Contact>  
  <IdReference domain="taxNumber" identifier="GB304437920"/>  
</InvoicePartner>
```



# cXML invoicing validation

## 3) Invoice-from, Ship-from, Remit-to

- Informations about supplier
- They are validated according to Coupa Supplier Portal (CSP)
- Address ID is taken from CSP

Miscellaneous

Invoice-From Code

Preferred Language

```
- <InvoicePartner>
  - <Contact role="remitTo" addressID="9709">
    <Name xml:lang="en">UK Supplier</Name>
    - <PostalAddress name="default">
      <Street>87 Coupa Street</Street>
      <City>London</City>
      <PostalCode>NW18 3OK</PostalCode>
      <Country isoCountryCode="GB">United Kingdom</Country>
    </PostalAddress>
  </Contact>
  <IdReference domain="taxPrefix" identifier="GB"/>
  <IdReference domain="taxNumber" identifier="123456789"/>
</InvoicePartner>
- <InvoicePartner>
  - <Contact role="invoiceFrom" addressID="9709">
    <Name xml:lang="en">UK Supplier</Name>
    - <PostalAddress name="default">
      <Street>87 Coupa Street</Street>
      <City>London</City>
      <PostalCode>DONW18 3OK3</PostalCode>
      <Country isoCountryCode="GB">United Kingdom</Country>
    </PostalAddress>
  </Contact>
  <IdReference domain="taxPrefix" identifier="GB"/>
  <IdReference domain="taxNumber" identifier="123456789"/>
</InvoicePartner>
- <InvoiceDetailShipping>
  - <Contact role="shipFrom" addressID="9709">
    <Name xml:lang="en-US">UK Supplier</Name>
    - <PostalAddress>
      <DeliverTo>Coupa</DeliverTo>
      <Street>87 Coupa Street</Street>
      <City>London</City>
      <PostalCode>NW18 3OK</PostalCode>
      <Country isoCountryCode="GB">United Kingdom</Country>
    </PostalAddress>
  </Contact>
</InvoiceDetailShipping>
```



# cXML invoicing validation

## 4) Purchase Order

Coupa validates:

- 1) Coupa PO number – must match PO number from cXML PO
- 2) Unit of measure (UOM) - must match PO number from cXML PO
- 3) PO line number
- 4) Supplier part number
- 5) price
- 6) tax

```
- <InvoiceDetailOrder>
- <InvoiceDetailOrderInfo>
- <OrderReference>
  <DocumentReference payloadID="3092"/>
  </OrderReference>
  <SupplierOrderInfo orderID="A0000002"/> 1
</InvoiceDetailOrderInfo>
- <InvoiceDetailItem invoiceLineNumber="1" quantity="1">
  <UnitOfMeasure>EA</UnitOfMeasure> 2
  <UnitPrice>
    <Money currency="GBP">100.00</Money> 5
  </UnitPrice>
  <InvoiceDetailItemReference lineNumber="1"> 3
    <ItemID>
      <SupplierPartID>41U3196</SupplierPartID> 4
      <SupplierPartAuxiliaryID>359</SupplierPartAuxiliaryID>
    </ItemID>
    <Description xml:lang="en-US">Supplied Things</Description>
  </InvoiceDetailItemReference>
  <SubtotalAmount>
    <Money currency="GBP">100.00</Money> 5
  </SubtotalAmount>
  <Tax> 6
    <Money currency="GBP">20.00</Money>
    <Description xml:lang="en-GB">VAT</Description>
    <TaxDetail purpose="tax" percentageRate="20" category="VAT">
      <TaxableAmount>
        <Money currency="GBP">100.00</Money>
      </TaxableAmount>
      <TaxAmount>
        <Money currency="GBP">20.00</Money>
      </TaxAmount>
    </TaxDetail>
  </Tax>
</InvoiceDetailItem>
</InvoiceDetailOrder>
- <InvoiceDetailSummary>
- <SubtotalAmount>
  <Money currency="GBP">100.00</Money>
</SubtotalAmount>
- <Tax>
  <Money currency="GBP" alternateCurrency="GBP" alternateAmount="8.00">8.00</Money>
  <Description xml:lang="en-US">Tax</Description>
</Tax>
- <GrossAmount>
  <Money currency="GBP">120.00</Money>
</GrossAmount>
- <NetAmount>
  <Money currency="GBP">100.00</Money>
</NetAmount>
- <DueAmount>
  <Money currency="GBP">120.00</Money>
</DueAmount>
</InvoiceDetailSummary>
</InvoiceDetailRequest>
```



# Who to contact for cXML invoicing?

If you will have any questions or need support in **cXML** process, please write on [Mabat@lear.com](mailto:Mabat@lear.com).

