Version Control

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Adoptions</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1.0 – 2.9</td>
<td>Aug 2003 / jun. 2004</td>
<td>Initial release + additions</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V3.0 -3.31</td>
<td>June 2004 / dec. 2004</td>
<td>Changes and additions</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V3.32</td>
<td>January 2005</td>
<td>Changed XML example</td>
<td>Martijn Smit</td>
</tr>
<tr>
<td>V3.33</td>
<td>March 2005</td>
<td>Corrected some typo's</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V3.4</td>
<td>March 2005</td>
<td>Added possible cost code</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V3.5</td>
<td>May 2005</td>
<td>Added new Special Bid procedure (old one is still working)</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V3.6</td>
<td>July 2005</td>
<td>Added possibility to send orders which contain special deals</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V4.0</td>
<td>September 2005</td>
<td>Added new front offices Copaco Belgium</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V4.1</td>
<td>January 2006</td>
<td>Added possibility for Special BID and DEALS on line level. Changes in DTD for future use.</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V4.2</td>
<td>February 2006</td>
<td>Introduction of new INT error code</td>
<td>Frank Lemmen</td>
</tr>
<tr>
<td>V5.0</td>
<td>February 2015</td>
<td>New layout Separate production and test URL’s</td>
<td>Leon Lubse</td>
</tr>
<tr>
<td>V5.1</td>
<td>October 2016</td>
<td>DEALS removed. ATP error codes added.</td>
<td>Leon Lubse</td>
</tr>
<tr>
<td>V5.2</td>
<td>January 2018</td>
<td>Dispatch notification added.</td>
<td>Leon Lubse</td>
</tr>
</tbody>
</table>

Terms & Abbreviations

<table>
<thead>
<tr>
<th>Terms/ Abbreviations</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERP</td>
<td>Enterprise Resource Planning</td>
</tr>
<tr>
<td>XML</td>
<td>Extensible Mark up Language</td>
</tr>
<tr>
<td>Special BID</td>
<td>A price quotation from the vendor concerning a specific end-user</td>
</tr>
<tr>
<td>OPG</td>
<td>See special BID</td>
</tr>
<tr>
<td>ATP</td>
<td>Available to promise (Extended availability information)</td>
</tr>
</tbody>
</table>
MANUAL

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1. Introduction

This document describes how to use the Copaco XML gateway for purchase order processing.

The XML gateway is designed to receive and respond XML messages to and from the SAP R/3 internal ERP system.

The XML communication within Copaco is an ongoing process of development, so this document is subject to change without further notice. Please check regularly with the Copaco Customer Connections department if you are using the latest version. The latest version can also be downloaded from http://www.copaco.com/xml_manual
2. XML messages supported

Currently Copaco supports the following XML messages:

- Catalog files: Get the completeCopaco catalog;
- Real time ATP: Get instant price en stock levels;
- Orders: Send purchase orders towards Copaco Nederland B.V. or Copaco Belgium;
- INT-response: Get the initial order response;
- ORDRSP: Get the detailed order confirmation;
- DESPADV: Get the electronic shipnote;
- INVOIC: Get the electronic (copy) invoice;
- Real time ATP: Get instant price en stock levels

These messages are explained in this document. When new messages arrive we will implement it in this document.

2.1. Graphical presentation of our XML gateway

In the illustration above you can see how you can communicate with Copaco. One of our goals is to close the gap between your ERP system and our back office system. This can only be done when you implement all the features of our XML gateway.
3. System requirements

For communication with Copaco there is no need for special hardware. If you can create XML messages and send them over the Internet, you have all basic needs for this communication.

3.1. Communication ports

Any server machine makes its services available to the Internet using numbered ports, one for each service that is available on the server. For example, if a server machine is running a Web server and an FTP server, the Web server would typically be available on port 80, and the FTP server would be available on port 21. Clients connect to a service at a specific IP address and on a specific port.

We use the following communication ports:

- **Port 443 (HTTPS)**: Order gateway for use with SSL
- **Port 80**: Order response gateway / Real Time availability engine
- **Port 21**: FTP services

Maybe you must program or change your firewall or software security to open these ports for communication.

3.2. Real-time price and availability system

If you want to use this feature with your web browser you must use Microsoft Internet Explorer 8 or higher. The latest version can be obtained from the Microsoft website.

3.3. IP number

For communicating XML purchase orders with Copaco Nederland or Copaco Belgium you need a fixed IP address. This will be used in the security process. This is explained in the chapter Security & Authentication.
4. Security & Authentication

4.1. Why?
Because we are handling your orders through an electronic process we want to protect you and us for abuse of this process. Therefore we use a 4 Phase check.

4.2. Security process
Below we describe the security checks as they occur.

4.2.1. IP address check
When sending an XML purchase order towards us our firewall will check if you are allowed to do so (IP-number). If not you will get an error message within your application and no order is accepted. For this reason we need to know your fixed IP address.

4.2.1.2. Structure check
Is the XML message within the Copaco defined format? If not, you will get an error message within your application and no order is accepted.

4.2.1.3. Customer Check
Is the customer allowed to use this feature? If not you will get an error message within your application and the order will be accepted but blocked in our ERP system. We will get e-mail notification for possible abuse on this customer number. If necessary one of our employees will contact you to discuss the situation.

4.2.1.4. Sender_ID check
Copaco will create this unique code when the customer wants to use the XML purchase order gateway. This code can be seen as a pin code used on bankcards. This is a number that is unique for each customer and is related to your customer number in our SAP R/3 system. If this sender_ID check fails there will be NO error message send towards you. The order is accepted but blocked in our ERP system. Copaco will get an e-mail notification for possible abuse on this customer number. If necessary one of our employees will contact you to discuss the situation.

NOTE: the sender_ID for orders and for the real-time price and availability system are not the same. When you use both features, you will need two separate sender_ID codes!

4.3. How to obtain access to our XML order gateway?
Contact the Copaco Customer Connections department (CustomerConnections@copaco.com).

4.4. Needed legal documents
When you want to use any of our electronic services you will need to sign our overall Channelstream agreement which is appropriate for our sales office.

For the XML communication you will need to sign the document that we will send you by mail containing the sender_ID.
5. Placing XML orders

Below we describe the techniques, which can be used to send XML orders to Copaco Nederland or Copaco Belgium.

5.1. Placing orders

Orders can be placed by HTTP POST or FTP.

IMPORTANT: PLEASE DO NOT TEST WITHOUT INFORMING US!
See chapter 5.7 for more information.

5.2. HTTP POST

Below you find the URL’s for placing orders to our XML gateway:
Test environment: https://connect.copaco.com/xmlorder-test
Production environment: https://connect.copaco.com/xmlorder

In chapter 5.6 we describe examples which you can post orders towards our XML gateway.

5.2.1. Certificate

The connection is secured with a certificate which will be checked in the certificate store form your operating system.

If your platform don’t use the standard certificate store from your operating system you may need to install the certificate manually. If you need the certificate please contact the Copaco Customer Connections department (CustomerConnections@copaco.com).

5.2.2. HTTP POST

With this method you can send/post orders towards our XML gateway by HTTP POST. This can be done by a command, which must be generated by your ERP software. Below you can see an example how this works.

```html
<html>
<head>
<body>

<form enctype="multipart/form-data" action="https://www.copaco.com/XMLORDER" method="POST">
File to process: <input name="userfile1" type="file">
<input type="submit" value="Send File">
</form>

</body>
</head>
</html>
```

In the example you can upload an XML order file to our gateway. Very important statement in this code is de ENCTYPE. This must be as in the example, otherwise the order will be rejected.
If your software cannot use the post command, there is another way to do this by using freeware tools.
5.2.3. **CURL freeware**

One of those tools is cURL. With this tool you can post an XML order (file) towards our gateway. cURL can the downloaded from: [http://curl.haxx.se](http://curl.haxx.se)

Example how to use cURL (see cURL manual for detailed information):
```
curl --data-binary @c:\yourorder.xml https://connect.copaco.com/xmlorder-test
```

5.3. **FTP**

Orders can also be placed on our FTP server. For FTP credentials please contact the Copaco Customer Connections department ([CustomerConnections@copaco.com](mailto:CustomerConnections@copaco.com)).

5.4. **Order DTD**

The order DTD is available via URL [http://www.copaco.com/dtd/orders.dtd](http://www.copaco.com/dtd/orders.dtd)

View page source for detailed information.

5.5. **Detailed order DTD description**

Detailed explanation of the XML fields.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>XML_order</th>
</tr>
</thead>
<tbody>
<tr>
<td>The main element for the XML order-in</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>documentsource</th>
</tr>
</thead>
<tbody>
<tr>
<td>The default value for this attribute must be “order_in”.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>external_document_id</th>
</tr>
</thead>
<tbody>
<tr>
<td>This must be a unique number or token. Most customers use a unique incremental number, which is generated by their ERP software. The external_document_id you send on every message will be stored in our database.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>This value must be:</td>
<td></td>
</tr>
<tr>
<td>Value must be:</td>
<td></td>
</tr>
<tr>
<td>COPACO - (must be in capitals) for Copaco Nederland</td>
<td></td>
</tr>
<tr>
<td>6010 for Copaco Belgium</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (optional)</th>
<th>warehouse_location</th>
</tr>
</thead>
<tbody>
<tr>
<td>This attribute is for future use only.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>orderheader</th>
</tr>
</thead>
<tbody>
<tr>
<td>This element contains overall information about the order</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>sender_id</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This attribute must contain the sender_id code, which we supplied you with. The sender_id code is used to identify you. The sender_id code is static and will only change on behalf of Copaco Nederland.

### Attribute (optional)

**OrderType**

This attribute is for future use only.

### Attribute (mandatory)

**customer_ordernumber**

Your purchase order number. This must be a unique number or token. Most customers use a unique incremental number, which is generated by their ERP software. The external_document_id you send on every message will be stored in our database. We will check every external_document_id you send and if that value has been submitted and accepted before, we will immediately reject the order. Then you have to send a new external_document_id in order to process the order.

### Attribute (optional)

**testflag**

This attribute is since version 5.0 not in use. If used default value must be set to N. Orders with the testflag set to Y will NOT be processed in our production environment or test environment.

### Attribute (mandatory)

**ordertype**

The date the order is created. Date format DD-MM-YYYY

### Attribute (mandatory)

**completedelivery**

Indicates complete or partial delivery. Set to Y for complete delivery or set to N when partial delivery is allowed.

### Attribute (optional)

**requested_deliverydate**

The requested overall delivery date in the format DD-MM-YYYY. This delivery date can be overruled by the delivery date in the order lines on item level. The order date can be maximum 1 month ahead of the system date. If empty the order will be shipped as soon as possible.

### Attribute (optional)

**receipientsreference**

Optional reference for the goods receiver. NOTE: this can be different from the end-user reference. This field may contain Free text.
**Element (mandatory)**

**Customer**

Details about you as an ordering party.

- **Element (mandatory)**
  - **customerid**
  
  Your customer number

- **Element (optional)**
  - **customercontact**

  Additional information about a specific contact person for this specific purchase order.

- **Attribute (optional)**
  - **e-mail**

  E-mail address of the contact person.

- **Attribute (optional)**
  - **telephone**

  Telephone number of the contact person.

- **Attribute (optional)**
  - **fax**

  Fax number of the contact person.
Element (optional)
ShipTo

Needed when shipping to another address then your default address. Do not use reading sings like “&”.

Element (optional)
addressType

When using ship addresses for different warehouses, you will need to use this tag and set it to the value “WE”.

This tag must be used together with element ‘addressCode’ but cannot used at the same time with element ‘address’.

Element (optional)
addressCode

When using ship addresses for different warehouses, you will need to use this tag and put in the address code for this ship to address. This must be a code which we use in our SAP system. Only Copaco can authorize and activate different standard <shipTo> address codes. Please consult us before using this option.

This tag must be used together with element ‘addressType’ but cannot used at the same time with element ‘address’.

Element (optional)
address

Additional information about a specific ship-to address. This tag cannot used at the same time with element ‘addressType’ and/or element ‘addressCode’.

Element (mandatory)
name1

name line 1, empty element is not allowed.

Element (optional)
name2

name line 2, empty element is not allowed. This element is only allowed when element ‘name1’ already exists.

Element (optional)
name3

name line 3, empty element is not allowed. This element is only allowed when element ‘name2’ already exists.

Element (optional)
name4

name line 4, empty element is not allowed. This element is only allowed when element ‘name3’ already exists.

Element (mandatory)
street

Street address

Element (mandatory)
postalscode

Postcode
Syntax “9999 AB” for the Netherlands
Syntax “9999” for Belgium

**Element (mandatory)**

**city**
City name.

**Element (optional)**

**country**
NL = Netherlands
BE = Belgium
FR = France
LU = Luxembourg

When element ‘country’ is not used “NL” will be the default value

**Element (optional)**

**contact**
Contact information

**Attribute (optional)**

**e-mail**
E-mail address

**Attribute (optional)**

**telephone**
Telephone number

**Attribute (optional)**

**fax**
Fax number

**Element (optional)**

**COD_amount**
Future use

**Element (optional)**

**TransportCode**
Future use
### Element (optional)

<table>
<thead>
<tr>
<th>Notification</th>
</tr>
</thead>
</table>

For specific notifications

### Attribute (mandatory)

<table>
<thead>
<tr>
<th>Type</th>
</tr>
</thead>
</table>

Allowed parameter for `type`:
- `DispatchPredict = Email address or telephone number for receiving delivery notification from carrier.`
- **Email address** has a maximum length of 50 characters
- **Telephone number** must be in the international format with plus sign (+) before the country code. Area code must be sent without leading zero.
  - Example: `+31981234567`
  - `+31`: Country code for the Netherlands
  - `98`: Area code 098 without leading zero
  - `1234567`: Subscriber number

### Remarks:

- The predict notification is sent by the carrier. Copaco is not liable for non-received messages or for the content of the received messages.
- One communication method (email address or telephone number) is allowed.
- Email address is the preferred method for communication.
- Email server must be able to except emails from carrier.
- Telephone number must be able to receive SMS messages/text messages from carrier.

### Restrictions:

- Predict notifications is only available for the carriers DHL and DPD
- **DPD:** Predict notification is available in the countries listed on [https://www.dpd.com/nl/business_customers/pakket_verzenden/internationale/e_commerce_services/predict](https://www.dpd.com/nl/business_customers/pakket_verzenden/internationale/e_commerce_services/predict)
- **DHL:** Predict notifications is available in the countries: Netherlands, Belgium, Luxembourg, Austria, Czech Republic, Denmark, Estonia, Finland, Germany, Hungary, Latvia, Lithuania, Poland, Slovakia, Slovenia and Sweden.
Element (optional)

license_data

All data in this tag is for future use only!

Element (optional)

end_user_company_name

Future use

Element (optional)

end_user_contact

Future use

Attribute (optional)

e-mail

Future use

Attribute (optional)

 telephone

Future use

Attribute (optional)

fax

Future use

Element (optional)

end_user_name

Future use

Element (optional)

end_user_address

Future use

Element (optional)

end_user_city

Future use

Element (optional)

end_user_countrycode

Future use

Element (optional)

end_user_vatnr

Future use

Element (optional)

contract_type

Future use

Element (optional)

ordertext

You can use a free text value here. Mandatory if the next elements are used.

Element (mandatory)

textqualifier

Allowed text qualifiers. 0001 – order heading text on order level.
NOTE: use the 0001 qualifier for the overall order reference (other than your order number). Do not fill in just the number 1, the predecessor zeros are mandatory!

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>text</th>
</tr>
</thead>
</table>

You can use a free text value here. Only texts with the permitted qualifier will be processed on the stated documents.
**Element (mandatory)**

**orderline**

**Element (mandatory)**

**linenumber**

Indicates the line on the order. This is just an automatic number. Increase the value for each new line. You can use your own Line-ID if you want. You can choose a value between 1 and 999999 [max. 6 digits]. This element must be used if you want to process orderresponses automatically.

**Element (mandatory)**

**item_id**

This field must contain the part number.

**Attribute (mandatory)**

**tag**

PN item_id = Supplier part number
MF item_id = Manufacturer part number
CU item_id = Customer part number

Each and all of the tags can be used only once in each order line.
A minimum of one tag and corresponding item_id is mandatory.
One tag with PN or MF is mandatory.
PN is preferred and has a higher priority over MF.
If you provide both, they both MUST be correct. If one of them is incorrect the order will generate errors.
Lines with the CU tag only will not be processed!

**Element (mandatory)**

**quantity**

Quantity of the ordered item. No decimals allowed. No separators allowed.

**Attribute (optional)**

**unit**

At the moment only ST (pieces) is allowed.

**Element (optional)**

**deliverydate**

Requested date of delivery of the specific item. This overrules the overall delivery date if set in the attribute "requested_deliverydate". Format DD-MM-YYYY
Element (optional)
price
If element ‘price’ is included the price must match with the price in our SAP system, unless within agreed margins.
If element ‘price’ is not included our SAP system price is used in the order.
No separators other than decimal separator. Decimal separator is a point.
The price field has no legal value.

When sending in special-bid//OPG, you can send the expected price in this field. On the next page you can find how you must send us these special kind of orders.
NOTE: the price field is the expected price for this product in the special-bid/OPG, the final price is confirmed by us in the ORDRSP message.

Element (optional)
currency
The currency in which the price is stated. Currently only EUR (EURO) is allowed.

Element (optional)
item_description
You can use a free text value as item description here.

Element (optional)
orderlinetext
Used to indicate that text elements are included. Mandatory if the next elements are used.

Element (mandatory)
textqualifier
Allowed text qualifiers
0001 – This is an instruction line for us. E.g. for configuration purposes.
BID – This tag indicates that this line contains is a special bid (as obtained from a vendor e.g. HP or IBM)

Element (mandatory)
text
You can use a free text here. Only texts with the permitted qualifiers will be processed on the stated documents. In the table below you can see what we expect when using one of the qualifiers named above.

0001 MUST contain free text (max. 70 char.)
BID MUST contain the special bid number as agreed with vendor (max. 70 char.)
5.6. XML order examples

In this chapter we give some examples for the most used scenario’s.

5.6.1. Example 1

Below an example of an XML order with:

- Only mandatory fields
- Order for the Copaco Netherlands organisation (supplier="COPACO")
- Customer order number ‘Order 12345’
- Partial delivery allowed
- Customer ‘12’
- One orderline with Copaco product number ‘HPPE135T-ABH’ and quantity of ‘2’

```xml
<?xml version="1.0" standalone="yes"?>
<XML_order documentsource="order_in" external_document_id="Abcdef" supplier="COPACO">
  <orderheader sender_id="12345" customer_ordernumber="Order 12345" orderdate="16-02-2015" completedelivery="N">
    <Customer>
    </Customer>
    <orderline>
      <linenumber>1</linenumber>
      <item_id tag="PN">HPPE135T-ABH</item_id>
      <quantity>2</quantity>
    </orderline>
  </orderheader>
</XML_order>
```

5.6.2. Example 2

Below an example of an XML order with:

- Same as example 1 but for Copaco Belgium organisation (supplier="6010")

```xml
<?xml version="1.0" standalone="yes"?>
<XML_order documentsource="order_in" external_document_id="Abcdef" supplier="6010">
  <orderheader sender_id="12345" customer_ordernumber="Order 12345" orderdate="16-02-2015" completedelivery="N">
    <Customer>
    </Customer>
    <orderline>
      <linenumber>1</linenumber>
      <item_id tag="PN">HPPE135T-ABH</item_id>
      <quantity>2</quantity>
    </orderline>
  </orderheader>
</XML_order>
```
5.6.3. Example 3

Below an example of an XML order with:
- Order for the Copaco Netherlands organisation.
- Customer order number ‘Order 12345’ and recipient reference ‘98765’
- Complete delivery
- Requested delivery date ‘25 February 2015’
- Customer number ‘12’
- Ordertext in header. This text is placed on the dispatch.
- DropShipment address ‘Mr. D. Emo, Second level floor, Testally 104, 1234 XY, Eindhoven, Netherlands’
- First orderline with product number ‘HPPE135T-ABH’, quantity of ‘1’ and price ‘128.25’
- Second orderline with vendor number ‘PE135T#ABH’, and quantity of ‘2’ and price ‘128.25’

```xml
<?xml version="1.0" standalone="yes"?>
<XML_order
documentsource="order_in" external_document_id="Abcdef" supplier="COPACO">
  <orderheader sender_id="12345" customer_ordernumber="Order 12345" orderdate="16-02-2015"
  completedelivery="Y" requested_deliverydate="25-02-2015" recipientsreference="98765">
    <Customer>
      <customerid>12</customerid>
    </Customer>
    <ShipTo>
      <adress>
        <name1>Mr. D. Emo</name1>
        <name2>Second level floor</name2>
        <street>Testally 104</street>
        <postalcode>1234 XY</postalcode>
        <city>Eindhoven</city>
        <country>NL</country>
      </adress>
    </ShipTo>
    <ordertext>
      <textqualifier>0001</textqualifier>
      <text>Order text</text>
    </ordertext>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id>HPPE135T-ABH</item_id>
    <quantity>1</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
  <orderline>
    <linenumber>2</linenumber>
    <item_id>PE135T#ABH</item_id>
    <quantity>2</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
</XML_order>
Example 4

Below an example of an XML order with:

- First orderline with orderline text. This will block the order until manually checked by Copaco Ordermanagement. Place your instruction for the orderline here.
- Second orderline with BID text. This will block the order until manually checked by Copaco Ordermanagement. Place the Special Bid number from the vendor for the orderline here. Price tag is the Special Bid price as agreed with the vendor.

```xml
<?xml version="1.0" standalone="yes"?>
<XML_order documentsource="order_in" external_document_id="Abcdef", supplier="6010">
  <orderheader sender_id="12345" customer_ordernumber="Order 12345" orderdate="16-02-2015"
    completedelivery="N">
    <Customer>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">1</quantity>
    <price currency="EUR">125.85</price>
    <orderlinetext>
      <textqualifier>0001</textqualifier>
      <text>Orderline text</text>
    </orderlinetext>
  </orderline>
  <orderline>
    <linenumber>2</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">1</quantity>
    <price currency="EUR">125.85</price>
    <orderlinetext>
      <textqualifier>BID</textqualifier>
      <text>Special Bid Number</text>
    </orderlinetext>
  </orderline>
</XML_order>
```
5.7. Test scenarios

Before we have a go live we would like to receive some test orders from the reseller side. These test orders will ensure that the XML order can be processed at our side and the XML responses can be processed on your side.

Before conducting testing please contact us. We will activate an account for you and provide you with test data like product numbers, prices and tips.

IMPORTANT:
Please inform us after placing a test order with the following information:
- Date/time when the test order is sent
- Order reference
- Which XML response you want to receive back (INT, OBV, PAK or FAC)
- Which scenario is tested

Again: PLEASE DO NOT TEST WITHOUT INFORMING US!

In each scenario we describe the 5 most common type of test orders we would like to receive from you.

5.7.1. 1st scenario
Normal order with:
- No drop-shipment
- Complete delivery set to yes
- One orderline with:
  - Item which is in stock
  - Quantity of 2
  - Price

5.7.2. 2nd scenario
Normal order with:
- Drop-shipment address
- Complete delivery set to no
- First orderline with:
  - Item which is in stock
  - Quantity of 2
  - Price.
- Second orderline with:
  - Item which is not in stock (back-to-back)
  - Quantity of 2
  - Price.
5.7.3. 3rd scenario
Normal order with:
- No drop-shipment
- Complete delivery set to no
- Requested delivery for complete order 1 week in the future
- First orderline with:
  - Item which is in stock
  - Quantity of 2
  - Price.
- Second orderline with:
  - Item which is not in stock (back-to-back)
  - Quantity of 2
  - Price.

5.7.4. 4th scenario
Normal order with:
- No drop-shipment
- Complete delivery set to no
- First orderline with:
  - Item which is in stock
  - Quantity of 2
  - Delivery date 1 week in the future
  - Price.
- Second orderline with
  - Item which is not in stock (back-to-back)
  - Quantity of 2
  - Price.

5.7.5. 5th scenario (only necessary when sending Special Bid orders)
Normal order with:
- No drop-shipment
- Complete delivery set to yes
- One orderline with:
  - Item which is in stock
  - Quantity of 2
  - Special Bid
6. Getting responses

Getting responses from our gateway can be done in different ways. You must choose one of these possibilities when we do the initial setup of the service for you. At this moment there is no combination of services possible.

6.1.1. By HTTP GET

HTTP GET is the standard method for getting responses. You can fetch the response from our servers by using the HTTP GET command. To get the response you will need to provide following data in the string.

- **Distributor:** Value must be: **COPACO for Copaco Nederland B.V.**
  **6010 for Copaco Belgium**
- **Customer number:** Your customer number in our SAP R/3 system
- **Sender_ID:** The sender_ID provided by us.
- **Type:** Which response do you want to get?
  Possible values:
  - **INT** = Initial response
  - **OBV** = Order confirmation
  - **ORD** = INT + OBV
  - **PAK** = Dispatch/dispatch advice
  - **FAC** = Invoice
  - **ALL** = INT + OBV + PAK + FAC

**Test environment:** [http://connect.copaco.com/xmlresponses-test](http://connect.copaco.com/xmlresponses-test)
**Production environment:** [http://connect.copaco.com/xmlresponses](http://connect.copaco.com/xmlresponses)

*Example string 1:*

```
http://connect.copaco.com/xmlresponses/?distributor_id=COPACO&
customer_id=12345&sender_id=1234567890&type=ORD
```

In the example above all INT and OBV responses will be send in one XML message.

*Example string 2:*

```
http://connect.copaco.com/xmlresponses/?distributor_id=COPACO&
customer_id=12345&sender_id=1234567890&type=ALL
```

In the example above all available responses will be send in one XML message.

**IMPORTANT:**

XML responses that are already collected are not available in the next request. XML responses are stored for 7 days. If not collected, they will be deleted.

6.1.2. By FTP

We can send the XML responses to a FTP server. We will send one response per file. If you want to receive XML responses on a FTP server please send your request to the Copaco Customer Connections department ([CustomerConnections@copaco.com](mailto:CustomerConnections@copaco.com)). If we don’t receive a request XML responses are made available by HTTP GET.
6.2. Error messages which can occur when using HTTP GET

<table>
<thead>
<tr>
<th>Code</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not all codes are supplied (must be 4 parameters)</td>
</tr>
<tr>
<td>2 &amp; 3</td>
<td>Fault in 1st parameter, Illegal value in the field distributor</td>
</tr>
<tr>
<td>4 &amp; 5</td>
<td>Fault in 2nd parameter, Illegal value in the field customer_id</td>
</tr>
<tr>
<td>6 &amp; 7</td>
<td>Fault in 3rd parameter, Illegal value in the field sender_id</td>
</tr>
<tr>
<td>8 &amp; 9</td>
<td>Fault in 4th parameter, Illegal value in the field type</td>
</tr>
</tbody>
</table>

6.3. Orderresponses DTD

The orderresponses DTD is available via URL [http://www.copaco.com/dtd/orderresponses.dtd](http://www.copaco.com/dtd/orderresponses.dtd)
View page source for detailed information.

6.4. Initial response (INT)

Each XML order will result in an initial response. This is the basic order response, which is generated when the order is received and checked in our SAP R/3 system. This initial response returns whether the order is correctly received by the sales organisation or contains errors.

If the order is correct:
- The response code is “0”.
- The order contains no errors and our SAP order number is returned.

If the order contains errors:
- The response code will be “1”.
- The order is forwarded to the order-management department which will take the necessary actions to correct the order. If necessary our sales department will contact you for consultation.

This response does NOT confirm that we accept the order. It is just to indicate that the order is received and can be processed.
6.4.1. Example 1

Below an example of an XML INT message for the Copaco Netherlands organisation.

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<orderresponses>
  <orderresponse>
    <supplier>COPACO</supplier>
    <customer>12</customer>
    <customer_ordernumber>Order 12345</customer_ordernumber>
    <external_document_id>Abcdef</external_document_id>
    <sequencenumber>1</sequencenumber>
    <document_source>HTTP</document_source>
    <responsecode>0</responsecode>
    <ordernumber>0010270228</ordernumber>
  </orderresponse>
</orderresponses>
```

6.4.2. Example 2

Below an example of an XML INT message for the Copaco Belgium organisation.

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<orderresponses>
  <orderresponse>
    <supplier>6010</supplier>
    <customer>12</customer>
    <customer_ordernumber>Order 12345</customer_ordernumber>
    <external_document_id>Abcdef</external_document_id>
    <sequencenumber>1</sequencenumber>
    <document_source>HTTP</document_source>
    <responsecode>0</responsecode>
    <ordernumber>0010270229</ordernumber>
  </orderresponse>
</orderresponses>
```
6.4.3. Example 3

There can be a combination of multiple INT, OBV, PAK and FAC messages. Below is an example of multiple INT responses in one xml message. Multiple responses in one XML is only possible when retrieving responses with HTTP GET.

```xml
<?xml version="1.0" encoding="UTF-8" ?>
<orderresponses>
  <orderresponse>
    <supplier>COPACO</supplier>
    <customer>12</customer>
    <customer_ordernumber>Order 12345</customer_ordernumber>
    <external_document_id>Abcdef</external_document_id>
    <sequencenumber>1</sequencenumber>
    <document_source>HTTP</document_source>
    <responsecode>0</responsecode>
    <ordernumber>0010270228</ordernumber>
  </orderresponse>
  <orderresponse>
    <supplier>COPACO</supplier>
    <customer>12</customer>
    <customer_ordernumber>Order 98765</customer_ordernumber>
    <external_document_id>Uvwxyz</external_document_id>
    <sequencenumber>1</sequencenumber>
    <document_source>HTTP</document_source>
    <responsecode>0</responsecode>
    <ordernumber>0010270229</ordernumber>
  </orderresponse>
</orderresponses>
```
6.4.4. Detailed initial response (INT) DTD description

Detailed explanation of the XML fields.

**Element (mandatory)**

<table>
<thead>
<tr>
<th>orderresponses</th>
</tr>
</thead>
<tbody>
<tr>
<td>The main tag for the XML response</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>orderresponse</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tag for INT responses</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>This is the sales organisation, which was send in the initial order. Value will be: COPACO - (must be in capitals) for Copaco Nederland 6010 for Copaco Belgium</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>customer</th>
</tr>
</thead>
<tbody>
<tr>
<td>You customer number</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>customer_ordernumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Your purchase number, which was send in the initial order.</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>external_document_id</th>
</tr>
</thead>
<tbody>
<tr>
<td>This is the value as provided in element ‘external_document_id’ in the XML purchase order.</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>sequencenumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>The sequence number of the response.</td>
</tr>
</tbody>
</table>

**Element (optional)**

<table>
<thead>
<tr>
<th>document_source</th>
</tr>
</thead>
<tbody>
<tr>
<td>This field can contain the following values: HTTP: Order was received by the gateway (default setting)</td>
</tr>
</tbody>
</table>

**Element (optional)**

<table>
<thead>
<tr>
<th>responsecode</th>
</tr>
</thead>
<tbody>
<tr>
<td>The status of your sent order: 0 = order is OK en sent to SAP system 1 = error in order 2 = Software license detected (Special treatment for this order) 98 = Possible double order. Order not accepted (we check the customer_ordernumber field)</td>
</tr>
</tbody>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>ordernumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the responsecode is 0 this field will contain the SAP ordernumber on which your purchase order is processed.</td>
</tr>
</tbody>
</table>
6.5. Order confirmation response (OBV)
If the order is accepted and processed an XML order confirmation response will be available.

6.5.1. Example 1
Below an example of an XML OBV message for the Copaco Netherlands organisation.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE orderresponses SYSTEM "http://www.copaco.nl/dtd/orderresponses.dtd">
<orderresponses>
  <orderconfirmation documentsource="order_in" external_document_id="" supplier="COPACO" document_date="16-02-2015">
    <orderheader customer_ordernumber="Demo orderresponse" order_number="0012712921" sequencenumber="1" orderdate="16-02-2015" completedelivery="" currency="EUR" terms_of_payment_text="Betaling binnen 30 dagen netto" incoterms_text="Levering af fabriek" recipientreference="Reference recipient"/>
    <Customer>
      <customer_id>0000000012</customer_id>
      <customercontact email="" telephone="040-1234567" fax=""/>
    </Customer>
    <ShipTo>
      <name1>Mr. D. Emo</name1>
      <name2>Second level floor</name2>
      <name3/>
      <name4/>
      <street>Testally 104</street>
      <postalcode>1234 XY</postalcode>
      <city>Eindhoven</city>
      <country>NL</country>
    </ShipTo>
    <VAT>
      <percentage>21.000</percentage>
      <amount currency="EUR">24.44</amount>
    </VAT>
    <costs>
      <sign>+</sign>
      <code>ZVTR</code>
      <description>Dropshipmentkosten</description>
      <amount currency="EUR">9.40</amount>
    </costs>
    <costs>
      <sign>+</sign>
      <code>ZHND</code>
      <description>Handlingkosten</description>
      <amount currency="EUR">11.00</amount>
    </costs>
    <costs>
      <sign>+</sign>
      <code>ZORD</code>
      <description>Orderkosten</description>
      <amount currency="EUR">11.00</amount>
    </costs>
  </orderconfirmation>
</orderresponses>
```
6.5.2. Detailed order response (OBV) DTD description

Detailed explanation of the XML fields.

**Element (mandatory)**

`orderresponses`

The main tag for the XML response.

**Element (optional)**

`orderconfirmation`

Element for OBV responses.

**Attribute (mandatory)**

`documentsource`

Default value ‘order_in’.
MANUAL

Attribute (mandatory)
external_document_id
This is the value as provided in element ‘external_document_id’ in the XML purchase order.

Attribute (mandatory)
supplier
This is the sales organisation, which was send in the initial order.
Value will be:
COPACO - (must be in capitals) for Copaco Nederland
6010 for Copaco Belgium

Attribute (mandatory)
documentdate
Date of creation of this response by our SAP system

Element (mandatory)
orderheader

Attribute (mandatory)
customer_ordernumber
Your purchase number, which was sent in the initial order

Attribute (mandatory)
order_number
This field will contain the SAP order number on which your purchase order is processed.

Attribute (mandatory)
sequencenumber
This is the sequence number of the response on this order

Attribute (mandatory)
status
When your order contains a special bid the status will be “35”, otherwise this field is empty which you can ignore

Attribute (mandatory)
testflag
For testing purposes only. When this value is Y, this is a response from a test order

Attribute (mandatory)
orderdate
Date that we processed your purchase into our SAP system.

Attribute (mandatory)
completedelivery
Value Y for complete delivery or N for partial delivery

Attribute (mandatory)
currency
Overall currency of the order (can differ on line level)

Attribute (optional)
terms_of_payment_text
Terms of payment for this order (text)
**Attribute (optional)**

**incotermstext**

Shipping terms for this order (text)

**Attribute (optional)**

**recipientreference**

Optional reference for the goods receiver.

**Element (mandatory)**

**Customer**

**Element (mandatory)**

**customer_id**

Your customer number

**Element (optional)**

**customercontact**

**Attribute (mandatory)**

**e-mail**

E-mail address contact person

**Attribute (mandatory)**

**telephone**

Telephone number from contact person

**Attribute (mandatory)**

**fax**

Fax number from contact person

**Element (mandatory)**

**ShipTo**

**Element (optional)**

**addresscode**

Address code

**Element (mandatory)**

**name1**

Name line 1

**Element (mandatory)**

**name2**

Name line 2

**Element (mandatory)**

**name3**

Name line 3

**Element (mandatory)**

**name4**

Name line 4

**Element (mandatory)**

**street**

Delivery address including number
### Postal Address Elements

**Element (mandatory)**

**postalcode**

Postalcode of delivery address

**Element (mandatory)**

**city**

City of the delivery address

**Element (mandatory)**

**country**

Country of the delivery address

### VAT Elements

**Element (optional)**

**VAT**

**Element (mandatory)**

**percentage**

Percentage of VAT. Decimal separator is ",".

**Element (mandatory)**

**amount**

Total amount of VAT on this order form order lines with this VAT percentage. Decimal separator is ",".

#### Costs Elements

**Element (optional)**

**costs**

**Element (mandatory)**

**sign**

Indicates addition or subtraction of different kind of costs

**Element (mandatory)**

**code**

Cost code (see table below)
- ZHND – Handlingkosten (handling costs)
- ZORD - Orderkosten (order costs)
- ZVTR – Dropship (dropshipping costs)
- ZBB1 – Auvibel/Thuiskopie
- ZBB2 – Reprobel
- ZBB3 – Recupel/Verw.bijdr.
- ZBB4 – Bebat/Stibat

Other codes may occur, please call your local sales office for explanation of these codes

**Element (mandatory)**

**description**

Text description of code (mainly in Dutch)

**Element (mandatory)**

**amount**

Costs of this code. Decimal separator is ","
Currency code.

**Element (mandatory)**

**ordertext**

**Element (mandatory)**

**Textqualifier**

Possible values:
- 0001 – overall order text reference
- BID – when this order is a special bid order

**Element (mandatory)**

**Text**

Contains the text or when it is a special bid order the bid number.

**Element (mandatory)**

**Orderline**

**Attribute (mandatory)**

**linenumber**

Our SAP line number

**Attribute (mandatory)**

**customer_linenumber**

This is the value as provided in element ‘linenumber’ in the XML purchase order.

**Attribute (mandatory)**

**item_id**

Our part number

**Attribute (mandatory)**

**item_description**

Item Description (short version)

**Attribute (optional)**

**manufacturer_item_id**

Manufacturer (vendor) part number

**Attribute (optional)**

**customer_item_id**

Customer part number (if provided by you)

**Attribute (optional)**

**line_status**

If this contains a value, the orderline is cancelled.

**Attribute (optional)**

**first_requested_deliverydate**

The date you requested to receive the goods. We cannot guarantee this date. Date Syntax YYYYMMDD.

**Attribute (mandatory)**

**price**

Accepted price. This is the price we confirm, this can differ from the price you sent in your purchase order. Decimal separator is "."
Attribute (mandatory)

<table>
<thead>
<tr>
<th>line_amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total amount of the order line. Decimal separator is &quot;,&quot;</td>
</tr>
</tbody>
</table>

Attribute (mandatory)

<table>
<thead>
<tr>
<th>currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Currency code.</td>
</tr>
</tbody>
</table>

Attribute (optional)

<table>
<thead>
<tr>
<th>part_of_linenumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>If the product is a part of a bundle the value of this field will be the referring line number of the bundle number</td>
</tr>
</tbody>
</table>

Attribute (mandatory)

<table>
<thead>
<tr>
<th>quantity_ordered</th>
</tr>
</thead>
</table>

Element (mandatory)

| schedulelines |

Element (mandatory)

<table>
<thead>
<tr>
<th>quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
</tr>
</tbody>
</table>

Attribute (optional)

<table>
<thead>
<tr>
<th>unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will always be &quot;ST&quot;</td>
</tr>
</tbody>
</table>

Element (mandatory)

| atp_code |

ATP indicator
Possible codes:
010 (Already sent)
030 (At expedition)
050 (At ICT services)
090 (Cancelled)
100 (Appointed Stock)
200 (Confirmed XXXXX)
300 (Expected supplier)
400 (Expected by XXXXX)
500 (Unknown delivery)
600 (Indication XXXXX)
700 (Out of stock)
800 (Not available yet)
(Where XXXX stands for the sales organisation)

Element (mandatory)

<table>
<thead>
<tr>
<th>atp_date</th>
</tr>
</thead>
<tbody>
<tr>
<td>When the atp_code is smaller than 100, this date can be in the past. When the code is equal to 100, the date represents that Copaco can ship the goods. When the code is higher then 100, the date indicates the date we expect to receive the goods. We cannot guarantee this date. Date Syntax YYYYMMDD.</td>
</tr>
</tbody>
</table>

Element (optional)

| orderlinetext |

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6.5.3. **Backorder ORDRSP response**
Every night except during the weekends we perform a "backorder-run" on our SAP R/3 system. All orders, which are processed through our XML gateway, are updated with ATP information and other changes (if available). This will result in a new XML order response for every "open" order. These order responses can be collected or send to you every morning the same way you process the other responses. They will be ready about 08:00AM CET.

6.5.4. **Changes on orders**
When there are changes on orders regarding cancellation the new updated ORDRSP will be generated immediately.

6.5.5. **HTTPGET specific**
When there is more than one response message, they will be merged in one multiple XML response. All responses are kept on our server for a maximum of 7 days.
When you collect the responses on a non-regular basis, all responses including from the days you did not collect the response are merged in one multiple XML response.
6.6. Dispatch advice response (PAK)

After shipment a XML dispatch advice will be available.

6.6.1. Example 1

Below an example of an XML PAK message for the Copaco Netherlands organisation.

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

<orderresponses>
  <dispatchadvice route="DHL Express">
    <dispatchheader>
      <supplier>COPACO</supplier>
      <dispatchnumber>0280001157</dispatchnumber>
      <dispatchdate>20150219</dispatchdate>
    </dispatchheader>
    <Customer>
      <customer_id>0000000012</customer_id>
    </Customer>
    <ShipTo>
      <name1>Mr. D. Emo</name1>
      <name2>Second level floor</name2>
      <street>Testally 104</street>
      <postalcode>1234 XY</postalcode>
      <city>Eindhoven</city>
      <country>NL</country>
    </ShipTo>
    <item>
      <item_id>TAR-CN313</item_id>
      <manufacturer_item_id>CN313</manufacturer_item_id>
      <quantity unit="ST">2</quantity>
      <item_description>Classic 12-13.4i C/Shell Blk</item_description>
    </item>
    <serial_numbers>
      <serialnumber>ABCD12345</serialnumber>
      <serialnumber>ABCD98765</serialnumber>
    </serial_numbers>
  </dispatchadvice>
</orderresponses>
```
<order>
  <ordernumber>0012712921</ordernumber>
  <linenumber>000100</linenumber>
  <ordernumber>20150216</ordernumber>
</order>

<customerorder recipientsreference="Reference recipient">
  <customer_ordernumber>Demo Dispatch</customer_ordernumber>
  <customer_linenumber/>
  <document_id/>
</customerorder>

</dispatchline>

<dispatchline dispatchlinenumber="000020">
  <item>
    <item_id>TAR-CN317</item_id>
    <customer_item_id/>
    <manufacturer_item_id>CN317</manufacturer_item_id>
    <quantity unit="ST">2</quantity>
    <item_description>Classic 17-18i C/Shell Blk</item_description>
  </item>
  <serial_numbers>
    <serialnumber>XYZ12345</serialnumber>
    <serialnumber>XYZ98765</serialnumber>
  </serial_numbers>
  <tracking_numbers>
    <tracking_carrier>DPD</tracking_carrier>
    <tracking_number>00000005118018400968</tracking_number>
  </tracking_numbers>
</item>

<order>
  <ordernumber>0012712921</ordernumber>
  <linenumber>000200</linenumber>
  <ordernumber>20150216</ordernumber>
</order>

<customerorder recipientsreference="Reference recipient">
  <customer_ordernumber>Demo Dispatch</customer_ordernumber>
  <customer_linenumber/>
  <document_id/>
</customerorder>

</dispatchline>

<dispatchtrailer>
  <total_number_of_units>4</total_number_of_units>
</dispatchtrailer>
6.6.2. Detailed dispatch advice response (PAK) DTD description

Detailed explanation of the XML fields.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>orderresponses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchadvice</td>
</tr>
</tbody>
</table>

Element for PAK responses.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchheader</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>supplier</td>
</tr>
</tbody>
</table>

This is the sales organisation, which was send in the initial order. Value will be:

- **COPACO** - (must be in capitals) for Copaco Nederland
- **6010** for Copaco Belgium

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchnumber</td>
</tr>
</tbody>
</table>

The reference number of ship note

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchdate</td>
</tr>
</tbody>
</table>

The date that we ship the goods

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_id</td>
</tr>
</tbody>
</table>

Your customer number

<table>
<thead>
<tr>
<th>Element (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>customercontact</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>e-mail</td>
</tr>
</tbody>
</table>

E-mail address from contact person

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>telephone</td>
</tr>
</tbody>
</table>

Telephone number from contact person

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>fax</td>
</tr>
</tbody>
</table>

Fax number from contact person
**ShipTo**

**Element (optional)**

**addresscode**

Address code

**Element (mandatory)**

**name1**

Name line 1

**name2**

Name line 2

**name3**

Name line 3

**name4**

Name line 4

**street**

Delivery address including number

**postalcode**

Postal code of delivery address

**city**

City of the delivery address

**country**

Country of the delivery address

**dispatchline**

**Attribute (mandatory)**

**dispatchlinenumber**

Our linenumber on the dispatch

**Attribute (optional)**

**part_of_linenumber**

When this attribute has a value, it indicates that the product in this attribute is part of a bundle with our line number.

**Element (mandatory)**

**item**

**Element (mandatory)**

**item_id**

Our part number
**Element (mandatory)**

<table>
<thead>
<tr>
<th>customer_item_id</th>
</tr>
</thead>
</table>

Customer part number (if provided by you)

**Element (mandatory)**

<table>
<thead>
<tr>
<th>manufacturer_item_id</th>
</tr>
</thead>
</table>

Manufacturer part number

**Element (mandatory)**

<table>
<thead>
<tr>
<th>quantity</th>
</tr>
</thead>
</table>

Quantity. Decimal separator is “.”

**Attribute (optional)**

<table>
<thead>
<tr>
<th>unit</th>
</tr>
</thead>
</table>

Will always be “ST”

**Element (mandatory)**

<table>
<thead>
<tr>
<th>item_description</th>
</tr>
</thead>
</table>

Item Description (short version)

**Element (optional)**

<table>
<thead>
<tr>
<th>serial_numbers</th>
</tr>
</thead>
</table>

**Element (optional)**

<table>
<thead>
<tr>
<th>serialnumber</th>
</tr>
</thead>
</table>

Serial numbers of products. (if applicable)

**Element (mandatory)**

<table>
<thead>
<tr>
<th>tracking_numbers</th>
</tr>
</thead>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>tracking_carrier</th>
</tr>
</thead>
</table>

Name of the carrier (if available)

**Element (mandatory)**

<table>
<thead>
<tr>
<th>tracking_number</th>
</tr>
</thead>
</table>

Tracking number of the carrier (if available)

**Element (mandatory)**

<table>
<thead>
<tr>
<th>order</th>
</tr>
</thead>
</table>

**Element (mandatory)**

<table>
<thead>
<tr>
<th>ordernumber</th>
</tr>
</thead>
</table>

SAP order number

**Element (mandatory)**

<table>
<thead>
<tr>
<th>linenumber</th>
</tr>
</thead>
</table>

The line number on our order

**Element (mandatory)**

<table>
<thead>
<tr>
<th>orderdate</th>
</tr>
</thead>
</table>

The date the purchase order was received.
<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>customerorder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>recipientsreference</td>
</tr>
</tbody>
</table>

Reference for the goods receiver.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_ordernumber</td>
</tr>
</tbody>
</table>

Your order number

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>customer_linenumber</td>
</tr>
</tbody>
</table>

Your line number on the original purchase order

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>document_id</td>
</tr>
</tbody>
</table>

Your document ID for the purchase order

<table>
<thead>
<tr>
<th>Element (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>orderlinetext</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>textqualifier</td>
</tr>
</tbody>
</table>

At this time only code 0001 is possible

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>text</td>
</tr>
</tbody>
</table>

The instruction text for us, which you placed on this orderline.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchtrailer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
</tr>
</thead>
<tbody>
<tr>
<td>total_number_of_units</td>
</tr>
</tbody>
</table>

Total number of units shipped on this ship note (the sum of the quantity on the complete ship note)
6.7. Invoice response (FAC)

After shipment a XML invoice will be available.

6.7.1. Example 1

Below an example of an XML FAC message for the Copaco Netherlands organisation.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE orderresponses SYSTEM "http://www.copaco.nl/dtd/orderresponses.dtd">
<orderresponses>
  <invoice>
    <invoiceheader documentsource="" invoice_type="INVO" supplier="COPACO" document_date="20150219" supplier_vat_number="NL006486253B01" koers="1.00000" TermsOfPaymentCoded="Z004" TermsOfPaymentDays="14" TermsOfPaymentPercentage="0">
      <invoice_number>0006965423</invoice_number>
      <invoice_date>20150219</invoice_date>
      <invoice_expiration_date>20150302</invoice_expiration_date>
      <invoice_currency>EUR</invoice_currency>
      <invoice_terms_of_payment_text>Betaling binnen 30 dagen netto</invoice_terms_of_payment_text>
      <invoice_terms_of_delivery>Levering af fabriek</invoice_terms_of_delivery>
    </invoiceheader>
    <InvoiceSender>
      <name>Copaco Nederland B.V.</name>
      <address>Hoevenweg 21</address>
      <postalcode>5652 AW</postalcode>
      <city>Eindhoven</city>
      <PObox>7905</PObox>
      <Postalcode_PObox>5605 SH</Postalcode_PObox>
      <city_PObox>Eindhoven</city_PObox>
      <country>NEEDERLAND</country>
      <Telephone>040-2 306 306</Telephone>
      <Fax>040-2 306 300</Fax>
      <BankAccount>012.45.78.369</BankAccount>
      <IBAN>NL08 BANK 0124 5783 69</IBAN>
      <BIC>BANKNL9X</BIC>
      <VATnumber>NL0098.65.321.Z.74</VATnumber>
      <Website>www.copaco.com</Website>
      <ChamberOfCommerce>19283746</ChamberOfCommerce>
      <Swift/>
    </InvoiceSender>
    <BillTo>
      <BillToNumber>000000012</BillToNumber>
      <BillToName>Demo Customer B.V.</BillToName>
      <BillToStreet>Demostreet 70</BillToStreet>
      <BillToZip_city>9876 AB EINDHOVEN</BillToZip_city>
      <BillToPobox>9800</BillToPobox>
    </BillTo>
  </invoice>
</orderresponses>
```
</invoiceorder>
<customerorder>
  <customer_ordernumber>Demo invoice</customer_ordernumber>
  <customer_linenumber/>
  <document_id/>
</customerorder>
<invoice_item>
  <item_id>TAR-CN313</item_id>
  <customer_item_id/>
  <manufacturer_item_id>CN313</manufacturer_item_id>
  <quantity_ordered/>
  <item_description>Classic 12-13.4i C/Shell Blik</item_description>
  <price currency="EUR">12.96</price>
  <discount_percentage>0</discount_percentage>
  <net_price currency="EUR">12.96</net_price>
  <quantity_invoiced unit="ST">2.000</quantity_invoiced>
  <line_amount currency="EUR">25.92</line_amount>
  <item_vat>
    <percentage>21.000</percentage>
    <vatcode>A4</vatcode>
    <vatbase>25.92</vatbase>
  </item_vat>
</invoice_item>
<serialnumbers>
  <serialnumber>ABCD12345</serialnumber>
  <serialnumber>ABCD98765</serialnumber>
</serialnumbers>
<invoice_item>
  <item_id>TAR-CN317</item_id>
  <customer_item_id/>
  <manufacturer_item_id>CN317</manufacturer_item_id>
  <quantity Ordered/>
  <item_description>Classic 17-18i C/Shell Blk</item_description>
  <price currency="EUR">22.50</price>
  <discount_percentage>0</discount_percentage>
  <net_price currency="EUR">22.50</net_price>
  <quantity_invoiced unit="ST">2.000</quantity_invoiced>
  <line_amount currency="EUR">45.00</line_amount>
  <item_vat>
    <percentage>21.000</percentage>
    <amount currency="EUR">9.45</amount>
    <vatcode>A4</vatcode>
    <vatbase>45.00</vatbase>
  </item_vat>
  <item_costs>
    <ItemCostSign>+</ItemCostSign>
    <ItemCostCode>ZBB3</ItemCostCode>
    <ItemCostDescription>Recupel/Verw. bijdr.</ItemCostDescription>
    <ItemCostPrice>3.45</ItemCostPrice>
    <ItemCostAmount>6.90</ItemCostAmount>
    <ItemCostQuantity>2</ItemCostQuantity>
    <ItemCostVATPercentage>21.000</ItemCostVATPercentage>
    <ItemCostVATcode>A4</ItemCostVATcode>
    <ItemCostVATamount>1.45</ItemCostVATamount>
    <ItemCostVatBase>6.90</ItemCostVatBase>
  </item_costs>
</invoice_item>
6.7.2. Detailed invoice response (FAC) DTD description
Detailed explanation of the XML fields.

Element (mandatory)

orderresponses

Element (optional)

invoice
Element for FAC responses.

Element (mandatory)

invoiceheader

Attribute (mandatory)

documentsource
This will be empty

Attribute (mandatory)
### invoice_type

This will be INVO for invoices or CRME for credit notes

#### Attribute (mandatory)

<table>
<thead>
<tr>
<th>supplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>This is the sales organisation, which was send in the initial order. Value will be: COPACO - (must be in capitals) for Copaco Nederland 6010 for Copaco Belgium</td>
</tr>
</tbody>
</table>

#### Attribute (mandatory)

<table>
<thead>
<tr>
<th>document_date</th>
</tr>
</thead>
<tbody>
<tr>
<td>The date the document is created</td>
</tr>
</tbody>
</table>

#### Attribute (mandatory)

<table>
<thead>
<tr>
<th>supplier_vat_number</th>
</tr>
</thead>
<tbody>
<tr>
<td>The VAT number of the supplier</td>
</tr>
</tbody>
</table>

#### Attribute (optional)

<table>
<thead>
<tr>
<th>koers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future use</td>
</tr>
</tbody>
</table>

#### Attribute (optional)

<table>
<thead>
<tr>
<th>TermsOfPaymentCoded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code for term of payment.</td>
</tr>
</tbody>
</table>

#### Attribute (optional)

<table>
<thead>
<tr>
<th>TermsOfPaymentDays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of day for deadline for payment</td>
</tr>
</tbody>
</table>

#### Attribute (optional)

<table>
<thead>
<tr>
<th>TermsOfPaymentPercentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percentage for term of payment</td>
</tr>
</tbody>
</table>

#### Element (mandatory)

<table>
<thead>
<tr>
<th>invoice_number</th>
</tr>
</thead>
<tbody>
<tr>
<td>The number of the invoice</td>
</tr>
</tbody>
</table>

#### Element (mandatory)

<table>
<thead>
<tr>
<th>invoice_date</th>
</tr>
</thead>
<tbody>
<tr>
<td>The date of the invoice (format is YYYYMMDD)</td>
</tr>
</tbody>
</table>

#### Element (mandatory)

<table>
<thead>
<tr>
<th>invoice_expiration_date</th>
</tr>
</thead>
<tbody>
<tr>
<td>The expiration date of the invoice (format is YYYYMMDD)</td>
</tr>
</tbody>
</table>

#### Element (mandatory)

<table>
<thead>
<tr>
<th>invoice_currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>The overall currency of the invoice</td>
</tr>
</tbody>
</table>

#### Element (mandatory)

<table>
<thead>
<tr>
<th>invoice_terms_of_payment_text</th>
</tr>
</thead>
<tbody>
<tr>
<td>The payment terms in text (Dutch)</td>
</tr>
</tbody>
</table>
The shipment terms in text (Dutch)

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>TrackingNumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tracking number of the carrier (if available)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>StornoNumber</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storno number</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>IdealPaymentCode</th>
</tr>
</thead>
<tbody>
<tr>
<td>payment code if order is payed with iDEAL (Netherlands) of Bancontact (Belgium).</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>InvoiceSender</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information of the sender of the invoice.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the organisation of the invoice sender</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address including number of the invoice sender</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>postalcode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postalcode of the invoice sender</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>city</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of the invoice sender.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>POBox</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO box number of the invoice sender.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>Postcode_POBox</th>
</tr>
</thead>
<tbody>
<tr>
<td>Postal code for PO box number of the invoice sender.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>city_POBox</th>
</tr>
</thead>
<tbody>
<tr>
<td>City for the PO box number of the invoice sender.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country of the invoice sender</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone number of the invoice sender.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>Fax</th>
</tr>
</thead>
</table>
Fax number of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BankAccount</th>
</tr>
</thead>
</table>
|                     | Bank account number of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>IBAN</th>
</tr>
</thead>
</table>
|                     | IBAN number of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BIC</th>
</tr>
</thead>
</table>
|                     | BIC code of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>VATNumber</th>
</tr>
</thead>
</table>
|                     | VAT number of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>Website</th>
</tr>
</thead>
</table>
|                     | Website of the invoice sender.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>ChamberOfCommerce</th>
</tr>
</thead>
</table>
|                     | Chamber of Commerce number of the invoice sender.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>Swift</th>
</tr>
</thead>
</table>
|                       | Swift code of the invoice sender.

| Element (optional)    | Assignment    |

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Name</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Address including number</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>postalcode</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Postal code</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>city</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>City</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>country</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Country</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BankAccount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bank Account number</td>
</tr>
</tbody>
</table>
Element (mandatory)  
**IBAN**
IBAN number

Element (mandatory)  
**Swift**
Swift code

Element (optional)  
**BillTo**
Information of the bill to party.

Element (mandatory)  
**BillToNumber**
Number of the bill to party.

Element (mandatory)  
**BillToName**
Name line 1 of the bill to party.

Element (mandatory)  
**BillToName2**
Name line 2 of the bill to party.

Element (mandatory)  
**BillToName3**
Name line 3 of the bill to party.

Element (mandatory)  
**BillToName4**
Name line 4 of the bill to party.

Element (mandatory)  
**BillToStreet**
Address including number of the bill to party.

Element (mandatory)  
**BillToZip_city**
Postal code of the bill to party.

Element (mandatory)  
**BillToPobox**
PO box number of the bill to party.

Element (mandatory)  
**BillToPo_city**
City of the bill to party.

Element (mandatory)  
**BillTocontact**

Attribute (mandatory)  
**e-mail**
Email address of the bill to party.

Attribute (mandatory)  
**telephone**
Telephone number of the bill to party.

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>fax</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fax number of the bill to party.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BillToVat_number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Vat number of the bill to party.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BillToCountry</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Country code of the bill to party.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>BillToCountryName</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Country of the bill to party.

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>invoicecustomer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Information of the invoice customer

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>customer_id</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Number of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_name1</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name line 1 of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_name2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name line 2 of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_name3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name line 3 of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_name4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Name line 4 of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_street</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Address including number 1 of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_zip_city</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Postal code of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_pobox</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PO box number of the invoice customer.

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_po_city</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

City for the PO box number of the invoice customer.
<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>CustomerContact</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>e-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email address of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Telephone number of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fax number of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_vat_number</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAT number of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_language</th>
</tr>
</thead>
<tbody>
<tr>
<td>Language number of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>betaler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Future use</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_countryname</th>
</tr>
</thead>
<tbody>
<tr>
<td>Country of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>customer_vat_number2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second VAT number of the invoice customer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>InvoicePayer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information of the invoice payer</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>addresscode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of the invoice payer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>name1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name line 1 of the invoice payer.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>name2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name line 2 of the invoice payer.</td>
<td></td>
</tr>
</tbody>
</table>
Name line 3 of the invoice payer.

Name line 4 of the invoice payer.

Address including number of the invoice payer.

Postal code of the invoice payer.

City of the invoice payer.

Country of the invoice payer.

Future use

Information about the invoice line

The SAP order number on which this invoice is created.

Address code of the shipment address

Name line 1 of the shipment address.

Name line 2 of the shipment address.
Element (mandatory)
name3
Name line 3 of the shipment address.

Element (mandatory)
name4
Name line 4 of the shipment address.

Element (mandatory)
street
Address including number of the shipment address.

Element (mandatory)
postalcode
Postal code of the shipment address.

Element (mandatory)
city
City of the shipment address.

Element (mandatory)
country
Country of the shipment address.

Element (optional)
VATcode
VAT code of the shipment address.

Element (optional)
countryname
Country of the shipment address.

Element (mandatory)
linenumber
Our line number on the order

Element (mandatory)
ordernote
The date the purchase order was created. (format is YYYYMMDD)

Element (mandatory)
dispatchnumber
The dispatchnumber for this line

Element (mandatory)
dispatchlinenumber
The linenumber of this line on the dispatch advice

Element (mandatory)
dispatchdate
The date of the dispatch

Element (optional)
ordertext

Element (mandatory)
textqualifier
If provided in the order we will use this tag (The value ZXML is exactly the same as 0001)

Element (mandatory)

<table>
<thead>
<tr>
<th>text</th>
</tr>
</thead>
</table>

The text provided with the qualifier 0001 on header level

Element (optional)

<table>
<thead>
<tr>
<th>ProjectReference</th>
</tr>
</thead>
</table>

Project reference number

Element (optional)

<table>
<thead>
<tr>
<th>ProjectName</th>
</tr>
</thead>
</table>

Project reference name

Element (optional)

<table>
<thead>
<tr>
<th>customerorder</th>
</tr>
</thead>
</table>

Attribute (optional)

<table>
<thead>
<tr>
<th>recipientsreference</th>
</tr>
</thead>
</table>

Element (mandatory)

<table>
<thead>
<tr>
<th>customer_ordernumber</th>
</tr>
</thead>
</table>

Your order number

Element (mandatory)

<table>
<thead>
<tr>
<th>customer_linenumber</th>
</tr>
</thead>
</table>

Your line number on the original purchase order

Element (mandatory)

<table>
<thead>
<tr>
<th>document_id</th>
</tr>
</thead>
</table>

Your document ID for the purchase order

Element (optional)

<table>
<thead>
<tr>
<th>invoice_item</th>
</tr>
</thead>
</table>

Element (mandatory)

<table>
<thead>
<tr>
<th>item_id</th>
</tr>
</thead>
</table>

Our part number

Element (optional)

<table>
<thead>
<tr>
<th>customer_item_id</th>
</tr>
</thead>
</table>

Customer part number (if provided by you)

Element (mandatory)

<table>
<thead>
<tr>
<th>manufacturer_item_id</th>
</tr>
</thead>
</table>

Manufacturer part number

Element (mandatory)

<table>
<thead>
<tr>
<th>quantity_ordered</th>
</tr>
</thead>
</table>

The quantity ordered on your purchase order

Element (mandatory)

<table>
<thead>
<tr>
<th>item_description</th>
</tr>
</thead>
</table>

Item Description (short version)

Element (mandatory)

<table>
<thead>
<tr>
<th>price</th>
</tr>
</thead>
</table>

The price of the product per unit. Decimal separator is ","
**Attribute (mandatory)**

**currency**

The currency of the price.

**Element (optional)**

**discount_percentage**

Discount percentage (if applicable)

**Element (mandatory)**

**net_price**

The net price of the product per unit. Decimal separator is ".".

**Attribute (mandatory)**

**currency**

The currency of the net price.

**Element (mandatory)**

**quantity_invoiced**

Amount of products invoiced on this item. Decimal separator is ".".

**Attribute (mandatory)**

**unit**

This will always be "ST".

**Element (mandatory)**

**line_amount**

The total line amount (net_price multiplied by quantity invoiced). Decimal separator is ",".

**Attribute (mandatory)**

**currency**

The currency of the line amount.

**Element (mandatory)**

**item_vat**

**Element (mandatory)**

**percentage**

The VAT percentage used on this item.

**Element (mandatory)**

**amount**

The amount of VAT.

**Attribute (mandatory)**

**currency**

The currency of the VAT amount.

**Element (optional)**

**vattext**

VAT text (used for e.g. in shipments in foreign countries)
Element (optional)
**vatcode**
Vat code

Element (optional)
**vatbase**
Vat base

Element (optional)
**item_costs**

Element (mandatory)
**ItemCostSign**
+ or – (addition or subtraction of costs)

Element (mandatory)
**ItemCostCode**
The cost code

Element (mandatory)
**ItemCostDescription**
The text version of the cost code

Element (mandatory)
**ItemCostPrice**
Cost price of the cost code

Element (mandatory)
**ItemCostAmount**
Total cost amount of the cost code

Element (mandatory)
**ItemCostQuantity**
Number of total items of the cost code

Element (mandatory)
**ItemCostVATPercentage**
VAT percentage of the cost code

Element (mandatory)
**ItemCostVATcode**
VAT code of the cost code

Element (mandatory)
**ItemCostVATamount**
Total VAT amount of the cost code

Element (mandatory)
**ItemCostVatBase**
VAT base of the cost code

Element (optional)
**serialnumbers**

Element (optional)
**serialnumber**
Serial numbers of shipped products. (if applicable)

- **Element (optional)**
  - CessieTeksten

- **Element (optional)**
  - CessieTekst

  Cessie text

- **Element (mandatory)**
  - invoicetrailler

- **Element (mandatory)**
  - costs

  - **Element (mandatory)**
    - sign
      - + or − (addition or subtraction of costs)

  - **Element (mandatory)**
    - code
      - The cost code

  - **Element (mandatory)**
    - description
      - The text version of the cost code

  - **Element (mandatory)**
    - amount
      - The amount of costs

  - **Attribute (mandatory)**
    - currency
      - The currency of the amount of costs

- **Element (optional)**
  - costsVAT

  - **Element (optional)**
    - VATpercentage
      - VAT percentage

  - **Element (optional)**
    - VATcode
      - VAT code

  - **Element (optional)**
    - VatAmount
      - VAT amount

  - **Element (optional)**
    - VatBase
      - VAT base

- **Element (mandatory)**
  - invoice_amount_ex_VAT
The currency of the total excluding VAT amount

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>The currency of the total excluding VAT amount</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>invoice_VAT_amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>The total amount of VAT. Decimal separator is “.”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>The currency of the total VAT amount</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>invoice_amount_incl_VAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>The total amount of invoice including VAT. Decimal separator is “.”</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>The currency of the total including VAT amount</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>COD_amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>COD amount</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>BetaalText_1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment text line 1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>BetaalText_2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment text line 2</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>BetaalText_3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment text line 3</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>VATS</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Element (optional)</th>
<th>TotalVAT</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total VAT percentage</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total VAT amount</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attribute (mandatory)</th>
<th>currency</th>
</tr>
</thead>
<tbody>
<tr>
<td>The currency of the total VAT amount</td>
<td></td>
</tr>
<tr>
<td>Element (optional)</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>vattext</td>
<td>Total VAT text</td>
</tr>
<tr>
<td>vatcode</td>
<td>Total VAT code</td>
</tr>
<tr>
<td>vatbase</td>
<td>Total VAT base</td>
</tr>
</tbody>
</table>
7. **Real-time ATP check**

With this tool it is possible to real-time checking the price and the availability of all products in our portfolio.

When you send a HTTP request to us we respond within 3-7 seconds in XML. The fields we respond (response times may vary due the speed of internet)

- Our product number
- Product description
- Vendor product number
- Your net/net price
- Levies
- Current stock
- ATP information

### 7.1. How does it work?

By sending an http request towards our XML gateway.

**Checking with our item number:**

http://connect.copaco.com/ATP/?distributor_id=AAAAA&cust_id=BBBBB&sender_id=CCCCC&item_id=DDDDD

**Checking with vendor item number:**

http://connect.copaco.com/ATP/?distributor_id=AAAAA&cust_id=BBBBB&sender_id=CCCCC&vendoritem_id=DDDDD

**Syntax explanation**

- Distributor_ID this must be the static value:
  - COPACO for Copaco Nederland B.V.
  - 6010 for Copaco Belgium
- Cust_id this is your customer number in our SAP system. This value is static.
- Sender_id this is the sender_id (security code) that we have sent you by mail. This also is a static value.
- Item_id this is a variable field, which must contain the Copaco product number for the product you wish to get information from.
- Vendoritem_id this is a variable field, which must contain the vendor product number for the product you wish to get information from.

**Important note:** When vendors use reading signs these have to be translated into HTML-safe code.

For example the actual HP product numbers can contain the #-sign. This #-sign however is for URL's a special sign which cannot be used. To have the Realtime price/stock-check work, any request which contains a product number that includes this #-sign, should be translated to "HTML/URL-safe" %23. For example:

http://connect.copaco.com/ATP/?distributor_id=COPACO&cust_id=demo&sender_id=demo&vendoritem_id=P9008T%23ABB
7.1.1. **Example 1**  
Below an example of an ATP check for:  
- The Copaco Netherlands organisation.  
- Customer number 12  
- Sender-ID 123456789  
- Copaco product number HPDC369A

http://connect.copaco.com/atp/?distributor_id=COPACO&cust_id=12&sender_id=123456789&item_id=HPDC369A

7.1.2. **Example 2**  
Below an example of an ATP check for:  
- The Copaco Netherlands organisation.  
- Customer number 12  
- Sender-ID 123456789  
- Vendor product number DC369A

http://connect.copaco.com/atp/?distributor_id=COPACO&cust_id=12&sender_id=123456789&vendor_item_id=DC369A

7.1.3. **Example 3**  
Below an example of an ATP check for:  
- The Copaco Belgium organisation.  
- Customer number 12  
- Sender-ID 123456789  
- Copaco product number HPDC369A

http://connect.copaco.com/atp/?distributor_id=6010&cust_id=12&sender_id=123456789&item_id=HPDC369A

7.1.4. **Example 4**  
Below an example of an ATP check for:  
- The Copaco Belgium organisation.  
- Customer number 12  
- Sender-ID 123456789  
- Vendor product number DC369A

http://connect.copaco.com/atp/?distributor_id=6010&cust_id=12&sender_id=123456789&vendor_item_id=DC369A
7.2. ATP check XML response

The ATP check results in a XML response.

7.2.1. Detailed ATP check DTD description

Below the detailed explanation of the XML fields.

<table>
<thead>
<tr>
<th>Tag (mandatory)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATPcheck</td>
<td>The main tag for the XML ATP check</td>
</tr>
</tbody>
</table>

**Attribute (mandatory)**

<table>
<thead>
<tr>
<th>item_id</th>
<th>This field contains the Copaco product number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Error</td>
<td>This field contains the error number. The following error codes with their corresponding error text are available:</td>
</tr>
<tr>
<td></td>
<td>• A = Daily limit exceeded</td>
</tr>
<tr>
<td></td>
<td>• 1 = Error in parameter</td>
</tr>
<tr>
<td></td>
<td>• 2 = Unknown distributor</td>
</tr>
<tr>
<td></td>
<td>• 3 = Unknown customer</td>
</tr>
<tr>
<td></td>
<td>• 4 = Error in sender-id</td>
</tr>
<tr>
<td></td>
<td>• 7 = No ATP data for item</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>error_text</th>
<th>This field contains the error text. The following error codes with their corresponding error text are available:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• A = Daily limit exceeded</td>
</tr>
<tr>
<td></td>
<td>• 1 = Error in parameter</td>
</tr>
<tr>
<td></td>
<td>• 2 = Unknown distributor</td>
</tr>
<tr>
<td></td>
<td>• 3 = Unknown customer</td>
</tr>
<tr>
<td></td>
<td>• 4 = Error in sender-id</td>
</tr>
<tr>
<td></td>
<td>• 7 = No ATP data for item</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>item_description</th>
<th>This field contains the item description</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>vendor_id</th>
<th>This field contains the vendor product number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Stock</th>
<th>This field contains the current available stock</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Currency</th>
<th>The currency in which the price is stated现阶段 only EUR (EURO) is allowed</th>
</tr>
</thead>
</table>
### Attribute (mandatory)

**Price**

Your net/net price

### Attribute (mandatory)

<table>
<thead>
<tr>
<th>price_incl_levies</th>
</tr>
</thead>
</table>

Your price including levies

### Attribute (optional)

<table>
<thead>
<tr>
<th>Levies</th>
</tr>
</thead>
</table>

### Attribute (mandatory)

<table>
<thead>
<tr>
<th>Levy</th>
</tr>
</thead>
</table>

### Element (mandatory)

**Code**

Code of levy
- For the Copaco Netherlands organisation: ZBB1, ZBB3, ZBB4 and ZBB7
- For the Copaco Belgium organisation ZBB1, ZBB2, ZBB3 and ZBB4

### Element (mandatory)

**Description**

Description of the levy.
- ZBB1 = Auvibel/Thuiskopie
- ZBB2 = Reprobel
- ZBB3 = Recupel/Verw.bijdr.
- ZBB4 = Bebat/Stibat
- ZBB7 = Auvibel/Thuiskopie

### Element (mandatory)

**Amount**

Amount of the levy

### Attribute (optional)

<table>
<thead>
<tr>
<th>Atplines</th>
</tr>
</thead>
</table>

### Attribute (mandatory)

<table>
<thead>
<tr>
<th>atpline</th>
</tr>
</thead>
</table>

### Element (mandatory)

**atp_code**

ATP code
- Available codes: 200, 300, 400, 500, 600, 700, 800

### Element (mandatory)

**atp_description**

Description of the ATP code
- 200 (Confirmed XXXXX)
- 300 (Expected supplier)
- 400 (Expected by XXXXX)
- 500 (Unknown delivery)
• 600 (Indication XXXXX)
• 700 (Out of stock)
• 800 (Not available yet)
(Where XXXX stands for the sales organisation)

<table>
<thead>
<tr>
<th>Element (mandatory)</th>
<th>atp_stock</th>
<th>Expected stock on the atp_date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>atp_date</td>
<td>Expected stock date</td>
</tr>
</tbody>
</table>

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7.2.2. **Example 1**

Below a result for an ATP check

- Product with multiple levies
- Product with multiple ATP lines

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ATPcheck>
  <item_id>HPDC369A</item_id>
  <error>0</error>
  <error_text>Successfully executed</error_text>
  <item_description>HP USB 2 Button optical mouse scroll black</item_description>
  <vendor_id>DC369A</vendor_id>
  <stock>5</stock>
  <currency>EUR</currency>
  <price>10.22</price>
  <price_incl_levies>10.38</price_incl_levies>
  <levies>
    <levy>
      <code>ZBB3</code>
      <description>Recupel/Verw.bijdr.</description>
      <amount>0.04</amount>
    </levy>
    <levy>
      <code>ZBB4</code>
      <description>Bebat/Stibat</description>
      <amount>0.12</amount>
    </levy>
  </levies>
  <atplines>
    <atpline>
      <atp_code>400</atp_code>
      <atp_description>Expected Copaco</atp_description>
      <atp_stock>90</atp_stock>
      <atp_date>20150216</atp_date>
    </atpline>
    <atpline>
      <atp_code>600</atp_code>
      <atp_description>Indication Copaco</atp_description>
      <atp_stock>0</atp_stock>
      <atp_date>20150219</atp_date>
    </atpline>
  </atplines>
</ATPcheck>
```
7.3. Maximum use

You may use the ATP tool for price and availability 250 times per day. This limit is set to prevent abuse. If you want to use more than 250 calls a day please consult our Copaco Customer Connections (CustomerConnections@copaco.com) department.

7.4. Robots/scheduled Scripts/Cron Jobs

It is not allowed to use the tool with automated processes to update prices and or stock. The tool is meant for normal use. If we detect abuse, you will be disconnected directly.

For updating large quantities of product numbers other methods are available. Please contact the Copaco Customer Connections department (CustomerConnections@copaco.com).