

Copaco XMLGateway manual

Version 6.4.1

Copaco XML gateway manual

Version Control

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V1.0 – 2.9	Aug 2003 /jun. 2004	Initial release + additions	Customer Connections
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V6.2	May 2022	Reference to quotation added.	Customer Connections
V6.3	October 2022	Contract number and license email address added in orders for ordering license product numbers.	Customer Connections
V6.4	January 2024	Track&Trace url added to XML PAK message	Customer Connections
V6.4.1	February 2024	DPD predict by SMS not longer available in The Netherlands	Customer Connections

Terms & Abbreviations

Terms/ Abbreviations	Description
ERP	Enterprise Resource Planning
XML	Extensible Mark up Language
Special Bid	A price quotation from the vendor concerning a specific end-user
OPG	See Special Bid
ATP	Available To Promise (Extended availability information)
Quotation	Price agreement for product(s) for a limited time and limited number of pieces

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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 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.

For support contact Copaco Customer Connections department (CustomerConnections@copaco.com).

2. XML messages supported

Currently Copaco supports the following XML messages:

- Catalog files Get the complete Copaco catalog (CSV or XML), see www.copaco.com/datafilemanual;
- 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;
- DESADV Get the electronic shipping notification;
- INVOIC Get the electronic (copy) invoice;
- Real time ATP Get instant price and stock levels (daily limit of 250 requests)

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

2.1. XML process

Below a description of the XML process. See also a graphical representation in chapter 2.2.

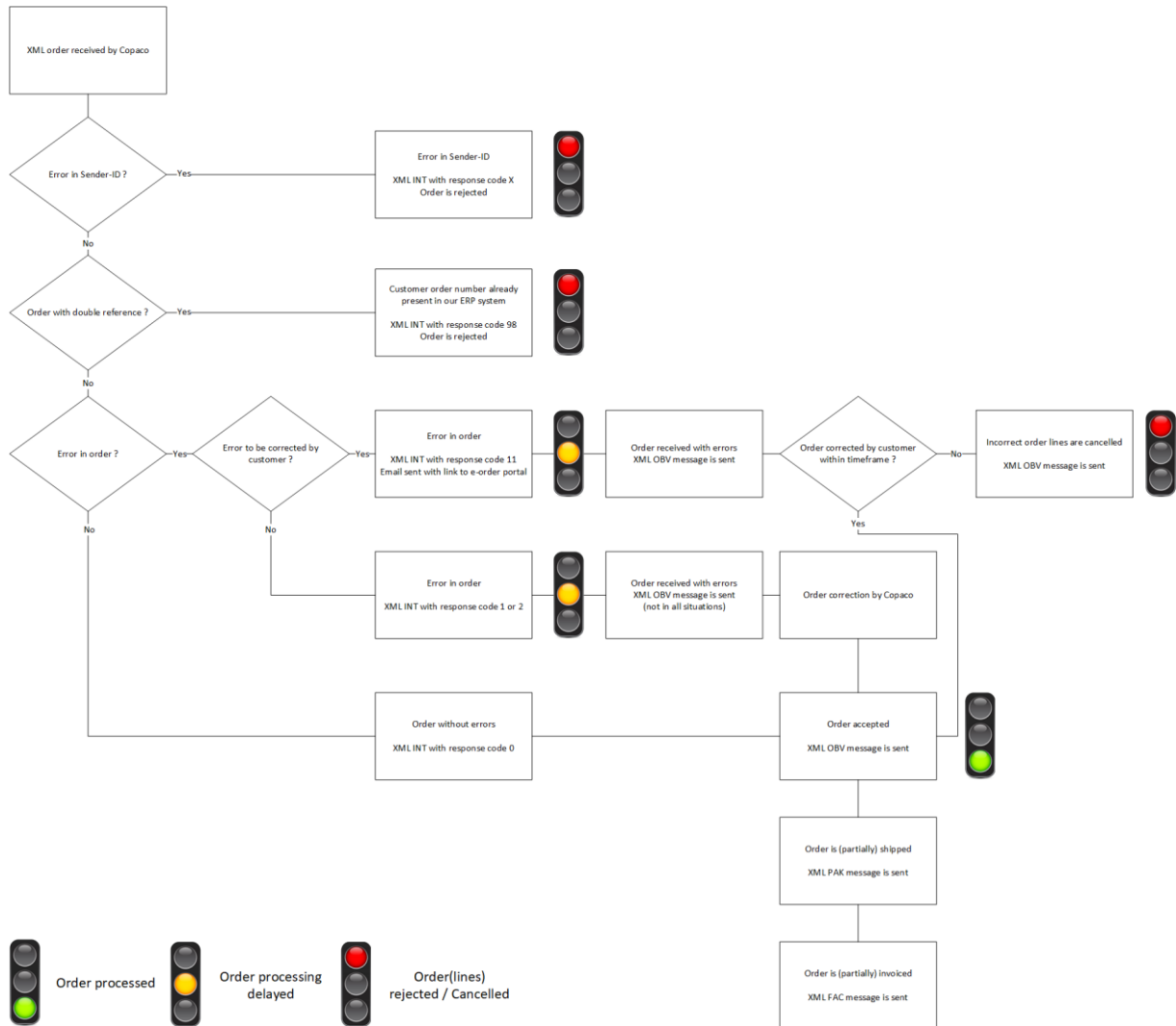
- Customer sends XML order by http-post or FTP to Copaco and customer retrieves XML responses from Copaco by http-get or FTP.
- An XML INT (initial response) is generated to indicate the XML order is received. The XML INT message contains a response code to indicate if the order can or cannot be processed.
The INT response does NOT confirm that we accept the order. It is just to indicate that the order is received and can or cannot be processed.
 - Response code 0: Order without error. Order processed in Copaco ERP system.
 - Response code 1: Error in order. Copaco will correct the order.
 - Response code 2: Software license detected. Copaco will manually process order.
 - Response code 11: Error in order. Email is sent to correct the order in the e-order portal. If not corrected within time frame mentioned in the email the incorrect order lines are automatically cancelled.
 - Response code 98: Customer order number already present in Copaco ERP system. To prevent processing an order multiple times the order is rejected.
 - Response code X: Sender-ID incorrect. Order rejected.
- An XML OBV (order confirmation) is generated if the order is processed.
 - For order lines with errors the product number is replaced with XML-BOUNCEORDER.
 - After correcting orders in the e-order portal or after correcting/changing orders by Copaco a new XML OBV message is generated.
 - Each working day for orders with open order lines a new XML OBV message with the last known status is generated.
- An XML PAK (dispatch advice) is generated after the goods are picked and ready for shipment.
 - Multiple orders can be merged into one shipment.
The XML PAK message therefor can contain information for multiple orders.
Each dispatch line contains a reference to customer order number, customer order line number, Copaco order number and Copaco order line number.
- An XML FAC (invoice) is generated.
 - If order is partial delivered multiple invoices are generated.
Each invoice line contains a reference to customer order number, customer order line number, Copaco order number, Copaco order line number, Copaco dispatch number and Copaco dispatch line number.

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2.2. Graphical representation of the XML process

Below a representation of the XML process.

See chapter 6.5 for an explanation of the response codes.



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
Port 22	SFTP services

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

3.2. 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.

4.2.1.1. 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 ERP system. If this sender_ID check fails the order is rejected with response code X in the INT response.

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?

Fill in the request form on www.copaco.com/xml => menu item 'XML connection'.

4.4. Needed legal documents

For the XML communication you will need to sign the document that we will send you by mail containing the sender_ID's.

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 **Fout! Verwijzingsbron niet gevonden.** 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 5.9 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 from 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>
<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.

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5.2.3. CURL freeware

If your software cannot use the post command, there is another way to do this by using freeware tools. One of those tools is cURL. With this tool you can post an XML order (file) towards our gateway. cURL can be downloaded from: <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
```

5.2.4. HTTP status codes

HTTP status code 200:

The HTTP request is sent correctly. This does NOT confirm that we accept the order.

HTTP status code 500:

Internal server error.

Possible cause: Syntax error in XML structure or XML reserved character is used.

- < (smaller than sign) must be escaped as: < (including the semicolon)
- > (greater than sign) must be escaped as: > (including the semicolon)
- " (double quote) must be escaped as: " (including the semicolon)
- ' (single quote) must be escaped as: ' (including the semicolon)
- & (ampersand) must be escaped as: & (including the semicolon)

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).

5.4. XML reserved characters

In XML messages there are reserved characters. If these reserved characters are used as data within the XML element or attribute they must be escaped.

The following characters must be escaped if used in data fields. If these characters are not escaped the XML order is rejected or processing is delayed.

- < (smaller than sign) must be escaped as: < (including the semicolon)
- > (greater than sign) must be escaped as: > (including the semicolon)
- " (double quote) must be escaped as: " (including the semicolon)
- ' (single quote) must be escaped as: ' (including the semicolon)
- & (ampersand) must be escaped as: & (including the semicolon)

The characters below must be used without escaping if used in data fields. If these characters are escaped the XML order is rejected or processing is delayed.

- Characters with accent aigu (like é or È), accent grave (like è or È), accent circonflexe (like ê or Ê), trema (like ë or Ê) or Cedilla (ç)
- Characters ? ! @ # \$ % ^ * () { } \ / [] =

5.5. Error handling for placing XML orders

Implementing an error handling procedure is preferred so you are sure that the order is received by Copaco.

XML orders by HTTP-post:

Check the http-status after sending an order.

- Http-status '200 OK': XML message is received
This does not guarantee the XML order is processed correctly. Check the XML INT message for the status if your XML order is processed with/without errors or if your XML order is rejected (see chapter 6.5).
- Http-status '500 internal server error': Syntax error in XML message or Copaco service temporarily down.
Check XML message for reserved characters (see chapter 5.4), missing mandatory XML segments or attributes or if the format of the value is according specifications.

XML orders by FTP:

Check the FTP status codes after uploading an XML order.

- Check if upload is successful. The FTP server gives a status back like transferred successful or similar message.
This does not guarantee the XML order is processed correctly. Check the XML INT message for the status if your XML order is processed with/without errors or if your XML order is rejected (see chapter 6.5).
- If the syntax of the XML order is incorrect the file is moved to the 'error' folder (timestamp is added to the filename).
Check XML message for reserved characters (see chapter 5.4), missing mandatory XML segments or attributes or if the format of the value is according specifications.
- When a connection to the FTP server your code will generate error messages like time-out, could not connect to server, connection attempt failed or similar error messages.

5.6. Features XML orders

The following features are available in XML orders:

- Complete or partial delivery
- Delivery date for whole order
- Customer Reference
- Recipient reference
- Contact person (email address) within customers organisation
- Shipment to alternative warehouse address
- Shipment to end-user
- Delivery notification from carrier
- End-user information e.g. registration of support packs or licenses at vendor.
- Order lines
 - Ordering based on Copaco product number or manufacturer code
 - Customer product number as reference for XML responses
 - Delivery date for specific order line
 - Instructions for order line
 - Special bid number for order line
 - End-user information e.g., registration of support packs or licenses at vendor.

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- Serial number, sku and/or purchase date e.g. registration of support packs or licenses at vendor.
- Reference to quotation.

5.7. Order DTD

The order DTD is available via URL http://www.copaco.com/dtd/xml_order.dtd
View page source for detailed information.

5.8. Detailed order DTD description

Detailed explanation of the XML fields.

Element (mandatory)

XML_order

The main element for the XML order-in

Attribute (mandatory)

documentsource

The default value for this attribute must be "order_in".

Attribute (mandatory)

external_document_id

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.

Maximum length: 30 characters

Attribute (mandatory)

supplier

This value must be:

Value must be:

COPACO - (must be in capitals) for Copaco Nederland

6010 for Copaco Belgium

Attribute (optional)

warehouse_location

This attribute is for future use only.

Element (mandatory)

orderheader

This element contains overall information about the order

Attribute (mandatory)

sender_id

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.

Maximum length: 35 characters

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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)

orderdate

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)

recipientsreference

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

Maximum length: 22 characters

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 within customers organisation.

If the order contains an error on one or more order lines an e-mail with a link to the e-order portal is sent to the customer to correct the order.

Remarks:

- The e-order portal feature is only available if activated by Copaco.
- An e-mail is only sent when the domain name is the same as for the e-mail address activated.
- See chapter 2.2 and 6.5 for more information.

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Attribute (optional)

telephone

Not in use.

Attribute (optional)

fax

Not in use.

Element (optional)

ShipTo

Needed when shipping to another address than your default address. Do not use reading signs 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 ERP 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)

adress

Remark:

Note the incorrect spelling of the element name.

Information for end-user shipment 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.

Maximum length: 35 characters

Element (optional)

name2

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

Maximum length: 35 characters

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Element (optional)

`name3`

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

Maximum length: 35 characters

Element (optional)

`name4`

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

Maximum length: 35 characters

Element (mandatory)

`street`

Street address including housenumber

Maximum length: 35 characters

Element (mandatory)

`postalcode`

Syntax for postalcodes:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postalcodes for other countries are available on request.

Processing orders is delayed for other countries as listed above and will result in variable shipment costs depending on size and weight.

Element (mandatory)

`city`

City name.

Maximum length: 35 characters

Element (optional)

`country`

NL = Netherlands (default value when element 'country' is not used)

BE = Belgium

LU = Luxembourg

FR = France

Country codes for other countries are available on request.

Processing orders is delayed for other countries as listed above and will result in variable shipment costs depending on size and weight.

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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)

ShippingCondition

Future use

Element (optional)

TranssportCode

Future use

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Element (optional)

notification

For specific notifications

Attribute (mandatory)

type

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: +32981234567

+32: Country code for Belgium

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/nl/zakelijk/predict/>
 - Predict notification by SMS is no longer available in The Netherlands from March 1st 2024.
- 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

Attribute (optional)

e-mail

Future use

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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!

Element (mandatory)

text

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

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Element (optional)

end-user_information

End-user information. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (mandatory)

end-user_name1

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)

end-user_name2

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)

end-user_street

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)

end-user_postalcode

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)

end-user_city

End-user city

Maximum length: 35 characters

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Element (mandatory)

end-user_country

NL = Netherlands
BE = Belgium
LU = Luxembourg
FR = France
DE = Germany

Country codes for other countries are available on request.

Element (optional)

end-user_firstname

End-user first name

Please note: May be mandatory by vendor.
Maximum length: 35 characters

Element (optional)

end-user_lastname

End-user last name

Please note: May be mandatory by vendor.
Maximum length: 35 characters

Element (optional)

end-user_telephone

End-user telephone number 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

Please note: May be mandatory by vendor.

Element (optional)

end-user_emailaddress

End-user email address.

Please note: May be mandatory by vendor.
Maximum length: 70 characters

Copaco XML gateway manual

Element (optional)

end-user_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (default value when element 'end-user_language' is not used)

EN = English

FR = French

DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

Please note: May be mandatory by vendor.

Element (optional)

license_emailaddress

Resellers email address for license product numbers.

Please note: May be mandatory by vendor.

Maximum length: 70 characters

Copaco XML gateway manual

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 (maximum length: 35 characters)

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*".

Date format: DD-MM-YYYY

Copaco XML gateway manual

Element (optional)

price

If element 'price' is included the price must match with the price in our ERP system, unless within agreed margins.

If element 'price' is not included our ERP system price is used in the order.

No separators other than decimal separator. Decimal separator is a point.

Remarks:

- The price field must contain the price per unit.
- 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.

Attribute(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 of 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.)

Order is manually checked. Delivery may be delayed.

BID MUST contain the special bid number as agreed with vendor (max. 70 char.)

Copaco XML gateway manual

Element (optional)

orderline_info

Additional information for order line. Depending on type of order or product necessary to process the order. Delivery may be delayed if information is missing.

Element (optional)

end-user_orderline_info

End-user information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory by the vendor depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (mandatory)

end-user_orderline_name1

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)

end-user_orderline_name2

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)

end-user_orderline_street

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)

end-user_orderline_postalcode

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)

end-user_orderline_city

End-user city

Maximum length: 35 characters

Copaco XML gateway manual

Element (mandatory)

end-user_orderline_country

NL = Netherlands
BE = Belgium
LU = Luxembourg
FR = France
DE = Germany

Country codes for other countries are available on request.

Element (optional)

end-user_orderline_firstname

End-user first name.

Please note: May be mandatory by vendor
Maximum length: 35 characters

Element (optional)

end-user_orderline_lastname

End-user last name

Please note: May be mandatory by vendor.
Maximum length: 35 characters

Element (optional)

end-user_orderline_telephone

End-user telephone number 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*

Please note: May be mandatory by vendor.

Element (optional)

end-user_orderline_emailaddress

End-user email address

Please note: May be mandatory by vendor.
Maximum length: 70 characters

Element (optional)

end-user_orderline_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (default value when element 'end-user_orderline_language' is not used)
EN = English
FR = French
DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

Please note: May be mandatory by vendor.

Copaco XML gateway manual

Element (optional)

license_orderline_emailaddress

Resellers email address for license product numbers.

Please note: May be mandatory by vendor.
Maximum length: 70 characters

Element (optional)

registration_info

Registration information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor. Delivery may be delayed if information is missing.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (optional)

registration

Element (optional)

serial-number

Serial number of product that is registered.

Please note: May be mandatory by vendor.
Maximum length: 18 characters

Element (optional)

sku

Sku (or product number) of product that is registered.

Please note: May be mandatory by vendor.
Maximum length: 35 characters

Element (optional)

purchase_date

Purchase date of product that is registered.

Please note: May be mandatory by vendor.
Date format: DD-MM-YYYY

Element (optional)

contractnumber

Contractnumber of product that is registered.

Please note: May be mandatory by vendor.
Maximum length: 35 characters

Copaco XML gateway manual

Element (optional)

quotation_reference

Reference to Quotation information for order line. Delivery may be delayed if information is missing.

Remarks:

- Quotation information is provided in the quotation offer email sent by Copaco.

Element (mandatory)

quotation_number

Quotation number as communicated by Copaco.

Element (mandatory)

quotation_linenumber

Quotation line number as communicated by Copaco.

5.9. Testing and XML order examples

We advise you to place XML orders to our test environment before you place XML orders to our production environment. Incorrect syntax of XML orders can result in processing errors or partly processed orders.

Before conducting testing, please contact us. We will activate the account in our test environment 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)

We will check the XML order and provide you with feedback. Checking will be according 'best effort'.

PLEASE DO NOT TEST WITHOUT INFORMING US!

Below some example XML orders for the most common scenarios.

5.9.1. Example 1 (Copaco Netherlands XML order with only mandatory fields)

Below an example of an XML order with:

- Only mandatory fields
- Order for the Copaco Netherlands organisation (supplier="COPACO")
- Customer order number 'Order 12345'
- Customer '12'
- One order line with Copaco product number 'HPPE135T-ABH' and quantity of '2'

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN"> HPPE135T-ABH </item_id>
    <quantity>2</quantity>
  </orderline>
</XML_order>
```

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5.9.2. Example 2 (Copaco Belgium XML order with only mandatory fields)

Below an example of an XML order with:

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

```
<?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>2</quantity>
  </orderline>
</XML_order>
```

5.9.3. Example 3 (XML order with price on order line)

Below an example of an XML order with:

- Order line (yellow marked) with price '128.25'. Price is price per unit.

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
</XML_order>
```

5.9.4. Example 4 (XML order with complete delivery and requested delivery date)

Below an example of an XML order with:

- Complete delivery (yellow marked)
- Requested delivery date '25 February 2015' (green marked)

```
<?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">
    <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>
  </orderline>
</XML_order>
```


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5.9.5. Example 5 (XML order with Copaco product number versus manufacturer code)

Below an example of an XML order with:

- First order line (yellow marked) with Copaco product number 'HPPE135T-ABH'.
- Second order line (green marked) with vendor number 'PE135T#ABH'.

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
  <orderline>
    <linenumber>2</linenumber>
    <item_id tag="MF">PE135T#ABH</item_id>
    <quantity unit="ST">3</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
</XML_order>
```

5.9.6. Example 6 (XML order with order line text and Special Bid)

Below an example of an XML order with:

- First order line with order line text (yellow marked). This will block the order until manually checked by Copaco Ordermanagement. Place your instruction for the order line here.
- Second order line with BID text (green marked). Place the Special Bid number from the vendor for the order line here. Price tag is the Special Bid price (per unit) as agreed with the vendor.

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</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">3</quantity>
    <price currency="EUR">103.50</price>
    <orderlinetext>
      <textqualifier>BID</textqualifier>
      <text>Special Bid Number</text>
    </orderlinetext>
  </orderline>
</XML_order>
```

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5.9.7. Example 7 (XML order with drop shipment to end-user)

Below an example of an XML order with:

- Recipient reference '98765' (yellow marked).
- DropsShipment address 'Mr. D. Emo, Second level floor, Testally 104, 1234 XY, Eindhoven, Netherlands' (green marked).
- Ordertext in header. This text is placed on the dispatch (blue marked).

```
<?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" recipientsreference="98765">
    <Customer>
      <customerid>12</customerid>
    </Customer>
    <ShipTo>
      <address>
        <name1>Mr. D. Emo</name1>
        <name2>Second level floor</name2>
        <street>Testally 104</street>
        <postalcode>1234 XY</postalcode>
        <city>Eindhoven</city>
        <country>NL</country>
      </address>
    </ShipTo>
    <ordertext>
      <textqualifier>0001</textqualifier>
      <text>Order text</text>
    </ordertext>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
</XML_order>
```

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5.9.8. Example 8 (XML order with delivery to resellers alternative warehouse address)

Below an example of an XML order with:

- Shipment to resellers alternative warehouse address with Copaco address code (yellow marked).

```
<?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>
      <customerid>12</customerid>
    </Customer>
    <ShipTo>
      <addresstype>WE</addresstype>
      <addresscode>98</addresscode>
    </ShipTo>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
  </orderline>
</XML_order>
```

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5.9.9. Example 9 (XML order with end-user and registration info for support packs)

Below an example of an XML order with:

- Order line with end-user information (yellow marked).
Please note: Some elements are optional but may be mandatory by the vendor.
- Order line with registration information (green marked).
Please note: Some elements are optional but may be mandatory by the vendor.

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPU1234E</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
    <orderline_info>
      <end-user_orderline_info>
        <end-user_orderline_name1>Mr. E. User</end-user_orderline_name1>
        <end-user_orderline_name2>Third floor</end-user_orderline_name2>
        <end-user_orderline_street>Testsquare 19</end-user_orderline_street>
        <end-user_orderline_postalcode>9876 KL</end-user_orderline_postalcode>
        <end-user_orderline_city>Eindhoven</end-user_orderline_city>
        <end-user_orderline_country>NL</end-user_orderline_country>
        <end-user_orderline_firstname>End</end-user_orderline_firstname>
        <end-user_orderline_lastname>User</end-user_orderline_lastname>
        <end-user_orderline_telephone>+31981234567</end-user_orderline_telephone>
        <end-user_orderline_emailaddress>end@user.com</end-user_orderline_emailaddress>
        <end-user_orderline_language>NL</end-user_orderline_language>
      </end-user_orderline_info>
      <registration_info>
        <registration>
          <serial-number>serialnumber-1</serial-number>
          <sku> HPPE135T-ABH</sku>
          <purchase_date>16-02-2022</purchase_date>
        </registration>
        <registration>
          <serial-number>serialnumber-2</serial-number>
          <sku> HPPE135T-ABH</sku>
          <purchase_date>16-02-2001</purchase_date>
        </registration>
      </registration_info>
    </orderline_info>
  </orderline>
</XML_order>
```

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5.9.10. Example 10 (XML order with end-user info and contract number for licenses)

Below an example of an XML order with:

- Order line with end-user information (yellow marked).
Please note: Some elements are optional but may be mandatory by the vendor.
- Order line with contract number (green marked).

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPU1234E</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
    <orderline_info>
      <end-user_orderline_info>
        <end-user_orderline_name1>Mr. E. User</end-user_orderline_name1>
        <end-user_orderline_name2>Third floor</end-user_orderline_name2>
        <end-user_orderline_street>Testsquare 19</end-user_orderline_street>
        <end-user_orderline_postalcode>9876 KL</end-user_orderline_postalcode>
        <end-user_orderline_city>Eindhoven</end-user_orderline_city>
        <end-user_orderline_country>NL</end-user_orderline_country>
        <end-user_orderline_firstname>End</end-user_orderline_firstname>
        <end-user_orderline_lastname>User</end-user_orderline_lastname>
        <end-user_orderline_telephone>+31981234567</end-user_orderline_telephone>
        <end-user_orderline_emailaddress>end@user.com</end-user_orderline_emailaddress>
        <end-user_orderline_language>NL</end-user_orderline_language>
        <license_orderline_emailaddress>license@company.com</license_orderline_emailaddress>
      </end-user_orderline_info>
      <registration_info>
        <registration>
          <contractnumber>V1234567</contractnumber>
        </registration>
      </registration_info>
    </orderline_info>
  </orderline>
</XML_order>
```

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5.9.11. Example 11 (XML order with reference to quotation)

Below an example of an XML order with:

- Order line with reference to quotation (yellow marked).

```
<?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>
      <customerid>12</customerid>
    </Customer>
  </orderheader>
  <orderline>
    <linenumber>1</linenumber>
    <item_id tag="PN">HPPE135T-ABH</item_id>
    <quantity unit="ST">2</quantity>
    <price currency="EUR">125.85</price>
    <orderline_info>
      <quotation_reference>
        <quotation_number>12345678</quotation_number>
        <quotation_linenumber>100</quotation_linenumber>
      </quotation_reference>
    </orderline_info>
  </orderline>
</XML_order>
```

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 ERP 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/>

Production environment: <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). 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

Code	Reason
1	Not all codes are supplied (must be 4 parameters)
2 & 3	Fault in 1 st parameter, Illegal value in the field distributor
4 & 5	Fault in 2 nd parameter, Illegal value in the field customer_id
6 & 7	Fault in 3 rd parameter, Illegal value in the field sender_id
8 & 9	Fault in 4 th parameter, Illegal value in the field type

6.3. Orderresponses DTD

The orderresponses DTD is available via URL <http://www.copaco.com/dtd/orderresponses.dtd>

View page source for detailed information.

6.4. Error handling order responses

Implementing an error handling procedure is preferred so you can check if your XML order is processed, partly processed, not processed or rejected by Copaco.

XML INT message:

A syntax correct XML order will result in an XML INT message. The combination of the XML segments 'responsecode' and the 'ordernumber' in the XML INT message defines if the XML order is processed, partly processed, not processed or rejected. See chapter 6.5 for all combinations.

6.5. Initial response (INT)

The INT response does NOT confirm that we accept the order. It is just to indicate that the order is received and can or cannot be processed.

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 ERP system. This initial response returns whether the order is correctly received by Copaco or contains errors.

See chapter 2.2 for a visual representation of the XML process.

'responsecode' contains value 0 and 'ordernumber' contains a number:

- The order is received without errors and is processed in our ERP system.

'responsecode' contains value 1 or 2 and 'ordernumber' contains no value:

- The order contains an error. Due to the error the order cannot be created. Copaco will take further actions to correct the order.
 - After the order is corrected by Copaco an order confirmation is sent.
- Processing the order will be delayed.

'responsecode' contain value 1 and 'ordernumber' contains a number:

- The order contains an error on one or more order lines. Copaco will take further actions to correct the order.
 - After the order is corrected by Copaco an order confirmation is sent.
- Processing the order lines with errors will be delayed.

'responsecode' contains value 11 and 'ordernumber' contains a number:

- The order contains an error on one or more order lines. An e-mail with link to the e-order portal is sent to customer to correct the order.
 - After the order is corrected by the customer an order confirmation is sent.
 - If the order is not corrected by the customer within the time frame mentioned in the e-mail the incorrect order line(s) will be automatically cancelled. An order confirmation is sent after cancellation.
- Processing the order lines with errors will be delayed.

Remarks: This feature is only available if activated by Copaco.

'responsecode' contains value 98:

- Order not processed. An order with the same customer order number is already present in our ERP system.

'responsecode' contains value X:

- Order rejected. Sender-ID is not correct.

Copaco XML gateway manual

6.5.1. Features initial response

The following features are available in the initial response

- Customers reference number
- Status if order is processed or not processed (responsecode)
- Copaco order number if order is processed

6.5.2. Example 1

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

```
<?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>
```

6.5.3. Example 2

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

```
<?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>
```

Copaco XML gateway manual

6.5.4. 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 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>
```

Copaco XML gateway manual

6.5.5. Detailed initial response (INT) DTD description

Detailed explanation of the XML fields.

Element (mandatory)

orderresponses

The main tag for the XML response

Element (mandatory)

orderresponse

Tag for INT responses

Element (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

Element (mandatory)

customer

You customer number

Element (mandatory)

customer_ordernumber

Your purchase number, which was send in the initial order.

Element (mandatory)

external_document_id

This is the value as provided in element 'external_document_id' in the XML purchase order.

Element (mandatory)

sequencenumber

The sequence number of the response.

Element (optional)

document_source

This field can contain the following values:
HTTP: Order was received by the gateway (default setting)

Element (optional)

responsecode

The status of your sent order
0 = Order is OK and is sent to ERP system
1 = Error in order, Copaco will take further actions to correct the order
2 = Software license detected (Special treatment for this order)
11 = Error in order, an e-mail with link is sent to customer to correct the order
98 = Possible double order, order not accepted (check on Customer_ordernumber)

Element (mandatory)

ordernumber

When the responsecode is 0 this field will contain the Copaco order number on which your purchase order is processed.

6.6. Order confirmation response (OBV)

If the order is created in our ERP system and an XML order confirmation response will be available. The XML OBV message contains information how the order is processed.

- For order lines with errors the product number is replaced with product number XML-BOUNCEORDER.
- A new XML OBV message is generated after correcting or changing the order.
- Each working day for orders which contains order lines that are open a new XML OBV message with the last known status is generated.

6.6.1. Features order confirmation response

The following features are available in the order confirmation response:

- Header
 - Copaco order number
 - Customer order number
 - Recipient reference
 - Sequence number
 - Complete or partial delivery
 - Delivery address information
 - VAT information for whole order
 - Costs information for whole order
 - End-user information e.g. registration of support packs or licenses at vendor.
- Order line
 - Copaco order line number
 - Customer order line number
 - Copaco product number
 - Manufacturer code
 - Customer product number
 - Requested delivery date
 - Expected delivery date
 - Quantity ordered
 - Special Bid information
 - Order line instructions
 - Price per unit
 - Total order line price
 - Costs of levies for order line
 - End-user information e.g., registration of support packs or licenses at vendor.
 - Serial number, sku and/or purchase date e.g. registration of support packs or licenses at vendor.
- Order trailer
 - Order amount excluding VAT
 - VAT amount
 - Order amount including VAT

Copaco XML gateway manual

6.6.2. Example 1

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

```
<?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"
      recipientsreference="Reference recipient"/>
    <Customer>
      <customer_id>0000000012</customer_id>
      <customercontact e-mail="" 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>
    <costs>
      <sign>+</sign>

```

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```
<code>ZBB3</code>
<description>Recupel/Verw.bijdr.</description>
<amount currency="EUR">9.36</amount>
</costs>
<costs>
  <sign>+</sign>
  <code>ZBB4</code>
  <description>Bebat/Stibat</description>
  <amount currency="EUR">4.68</amount>
</costs>
<end-user_information>
  <end-user_name1>End-user (company) name 1</end-user_name1>
  <end-user_name2>End-user (company) name 2</end-user_name2>
  <end-user_street>Street + housenumber</end-user_street>
  <end-user_postalcode>postalcode</end-user_postalcode>
  <end-user_city>city</end-user_city>
  <end-user_country>country</end-user_country>
  <end-user_firstname>First name</end-user_firstname>
  <end-user_lastname>lastname</end-user_lastname>
  <end-user_telephone>telephone number</end-user_telephone>
  <end-user_emailaddress>email address</end-user_emailaddress>
  <end-user_language>language ISO-code</end-user_language>
</end-user_information>
<orderline linenumber="000100" customer_linenumber="" item_id="TAR-CN313" item_description="Classic
12-13.4i C/Shell Blk" manufacturer_item_id="CN313" first_requested_deliverydate="20150217"
price="22.27" line_amount="44.54" currency="EUR" quantity_ordered="2.000">
  <schedulelines>
    <quantity unit="ST">2.000</quantity>
    <atp_code>010</atp_code>
    <atp_date>20150216</atp_date>
  </schedulelines>
</orderline>
<orderline linenumber="000200" customer_linenumber="" item_id="TAR-CN317" item_description="Classic
17-18i C/Shell Blk" manufacturer_item_id="CN317" first_requested_deliverydate="20150217"
price="35.91" line_amount="71.82" currency="EUR" quantity_ordered="2.000">
  <schedulelines>
    <quantity unit="ST">2.000</quantity>
    <atp_code>010</atp_code>
    <atp_date>20150216</atp_date>
  </schedulelines>
  <orderline_info>
    <end-user_orderline_info>
      <end-user_orderline_name1>End-user (company) name 1</end-user_orderline_name1>
      <end-user_orderline_name2>End-user (company) name 2</end-user_orderline_name2>
      <end-user_orderline_street>Street + housenumber</end-user_orderline_street>
      <end-user_orderline_postalcode>postalcode</end-user_orderline_postalcode>
      <end-user_orderline_city>city (mandatory)</end-user_orderline_city>
      <end-user_orderline_country>country</end-user_orderline_country>
      <end-user_orderline_firstname>First name</end-user_orderline_firstname>
      <end-user_orderline_lastname>lastname</end-user_orderline_lastname>
      <end-user_orderline_telephone>telephone number</end-user_orderline_telephone>
```


Copaco XML gateway manual

```
<end-user_orderline_email>email address</end-user_orderline_email>
<end-user_orderline_language>language ISO-code</end-user_orderline_language>
</end-user_orderline_info>
<registration_info>
  <registration>
    <serial-number>serial number 1</serial-number>
    <sku>sku 1</sku>
    <purchase_date>purchase date 1</purchase_date>
  </registration>
  <registration>
    <serial-number>serial number 2</serial-number>
    <sku>sku 2</sku>
    <purchase_date>purchase date 2</purchase_date>
  </registration>
  <registration>
    <serial-number>serial number 3</serial-number>
    <sku>sku 3</sku>
    <purchase_date>purchase date 3</purchase_date>
  </registration>
</registration_info>
</orderline_info>
</orderline>
<ordertrailer>
  <order_amount_ex_VAT currency="EUR">116.36</order_amount_ex_VAT>
  <order_VAT_amount currency="EUR">24.44</order_VAT_amount>
  <order_amount_incl_VAT currency="EUR">140.80</order_amount_incl_VAT>
</ordertrailer>
</orderconfirmation>
</orderresponses>
```

Copaco XML gateway manual

6.6.3. 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'.

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 ERP 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 Copaco 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

Copaco XML gateway manual

Attribute (mandatory)
orderdate

Date that we processed your purchase into our ERP 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)
<i>terms_of_payment_text</i>

Terms of payment for this order (text)

Attribute (optional)
<i>incoterms_text</i>

Shipping terms for this order (text)

Attribute (optional)
<i>recipientreference</i>

Optional reference for the goods receiver.

Element (mandatory)
Customer

Element (mandatory)
customer_id

Your customer number

Element (optional)
<i>customercontact</i>

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)
<i>addresscode</i>

Address code

Element (mandatory)
name1

Name line 1

Copaco XML gateway manual

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

Element (mandatory)**postalcode**

Postalcode of delivery address

Element (mandatory)**city**

City of the delivery address

Element (mandatory)**country**

Country of the delivery address

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 "."

Attribute (mandatory)**currency**

Currency code

Element (optional)*Costs***Element (mandatory)****sign**

Indicates addition or subtraction of different kind of costs

Copaco XML gateway manual

Element (mandatory)**code**

Cost code (see table below)

ZHND – Handlingkosten (handling costs)

ZORD - Orderkosten (order costs)

ZVTR – Dropship (dropshipping costs)

ZBB1 – Auvibel/Thuis kopie

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 “.”

Attribute (mandatory)**Currency**

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.

Copaco XML gateway manual

Element (optional)

end-user_information

End-user information. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (mandatory)

end-user_name1

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)

end-user_name2

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)

end-user_street

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)

end-user_postalcode

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)

end-user_city

End-user city

Maximum length: 35 characters

Copaco XML gateway manual

Element (mandatory)

end-user_country

NL = Netherlands
BE = Belgium
LU = Luxembourg
FR = France
DE = Germany

Country codes for other countries are available on request.

Element (optional)

end-user_firstname

End-user first name

Maximum length: 35 characters

Element (optional)

end-user_lastname

End-user last name

Maximum length: 35 characters

Element (optional)

end-user_telephone

End-user telephone number 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

Element (optional)

end-user_emailaddress

End-user email address

Maximum length: 70 characters

Element (optional)

end-user_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (also for Dutch speaking region in Belgium)
EN = English
FR = French (also for French speaking region in Belgium)
DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

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Element (mandatory)**Orderline****Attribute (mandatory)****linenumber**

Copaco line number in our ERP system

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)**line_amount**

Total amount of the order line. Decimal separator is "."

Attribute (mandatory)**currency**

Currency code.

Attribute (optional)**part_of_linenumber**

If the product is a part of a bundle the value of this field will be the referring line number of the bundle number

Copaco XML gateway manual

Attribute (mandatory)
quantity_ordered

Element (mandatory)
schedulelines

Element (mandatory)
quantity

Quantity

Attribute (optional)
Unit

Will always be "ST"

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)
atp_date

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 than 100, the date indicates the date we expect to receive the goods. We cannot guarantee this date. Date Syntax YYYYMMDD.

Element (optional)
Orderlinetext

Element (mandatory)
textqualifier

At this time only code 0001 is possible

Element (mandatory)
text

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

Copaco XML gateway manual

Element (optional)***item_costs***

Additional levies for the order line if applicable.

Element (mandatory)**ItemCostSign**

Indicates addition or subtraction of levies for the order line

Element (mandatory)**ItemCostCode**

Cost code (see table below)

ZBB1 – Auvibel/Thuis kopie

ZBB2 – Reprobel

ZBB3 – Recupel/Verw.bijdr.

ZBB4 – Bebat/Stibat

Element (mandatory)**ItemCostDescription**

Text description of code (mainly in Dutch)

Element (mandatory)**ItemCostPrice**

Cost of this code for 1 piece. Decimal separator is “.”

Element (mandatory)**ItemCostAmount**

Total cost of this code for this order line. Decimal separator is “.”

Copaco XML gateway manual

Element (optional)

orderline_info

Additional information for order line. Depending on type of order or product necessary to process the order.

Element (optional)

end-user_orderline_info

End-user information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (mandatory)

end-user_orderline_name1

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)

end-user_orderline_name2

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)

end-user_orderline_street

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)

end-user_orderline_postalcode

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)

end-user_orderline_city

End-user city

Maximum length: 35 characters

Copaco XML gateway manual

Element (mandatory)

end-user_orderline_country

NL = Netherlands
BE = Belgium
LU = Luxembourg
FR = France
DE = Germany

Country codes for other countries are available on request.

Element (optional)

end-user_orderline_firstname

End-user first name

Maximum length: 35 characters

Element (optional)

end-user_orderline_lastname

End-user last name

Maximum length: 35 characters

Element (optional)

end-user_orderline_telephone

End-user telephone number 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

Element (optional)

end-user_orderline_emailaddress

End-user email address

Maximum length: 70 characters

Element (optional)

end-user_orderline_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (also for Dutch speaking region in Belgium)
EN = English
FR = French (also for French speaking region in Belgium)
DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

Copaco XML gateway manual

Element (optional)

registration_info

Registration information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (optional)

registration

Element (optional)

serial-number

Serial number of product that is registered.

Element (optional)

sku

Product number or sku of product that is registered.

Element (optional)

purchase_date

Purchase date of product for that is registered.

Element (mandatory)

Ordertrailer

Element (optional)

order_amount_ex_VAT

Total order amount excluding VAT. Decimal separator is "."

Attribute (mandatory)

currency

Currency code

Element (optional)

order_VAT_amount

Total VAT amount on this order. Decimal separator is "."

Attribute (mandatory)

currency

Currency code

Element (optional)

order_amount_incl_VAT

Total order amount including VAT. Decimal separator is "."

Attribute (mandatory)

currency

Currency code

Copaco XML gateway manual

6.6.4. Backorder ORDRSP response

Every night except during the weekends we perform a "backorder-run" on our ERP 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.

6.6.5. Changes on orders

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

6.6.6. 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.

6.7. Dispatch advice response (PAK)

An XML PAK (dispatch advice) is generated after the goods are picked and ready for shipment.

- Multiple orders can be merged into one shipment. The XML PAK message therefor can contain information for multiple orders.
Each dispatch line contains a reference to customer order number, customer order line number, Copaco order number and Copaco order line number.

6.7.1. Features order dispatch advice response

The following features are available in the dispatch advice response:

- Header
 - Copaco dispatch number
 - Customer information
 - Delivery address information
- Dispatch line
 - Copaco dispatch line number
 - Copaco product number
 - Manufacturer code
 - Customer product number
 - Quantity delivered
 - Serial numbers
 - Track & trace information
 - Reference to Copaco order number and Copaco order line number
 - Reference to Customer order number and customer line number
- Dispatch trailer
 - Total units in delivery

Copaco XML gateway manual

6.7.2. Example 1

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

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE orderresponses SYSTEM "http://www.copaco.nl/dtd/orderresponses.dtd">
<orderresponses>
  <dispatchadvice route="DHL Express">
    <dispatchheader>
      <supplier>COPACO</supplier>
      <dispatchnumber>0280001157</dispatchnumber>
      <dispatchdate>20150219</dispatchdate>
    </dispatchheader>
    <Customer>
      <customer_id>0000000012</customer_id>
      <customercontact e-mail="" 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>
    <dispatchline dispatchlinenumber="000010">
      <item>
        <item_id>TAR-CN313</item_id>
        <customer_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>
      <tracking_numbers>
        <tracking_carrier>DPD</tracking_carrier>
        <tracking_number>05118018400968</tracking_number>
        <tracking_url>http://extranet.dpd.de/cgi-bin/delistrack?typ=1&lang=nl&pknr=05118018400968</tracking_url>
      </tracking_numbers>
      <tracking_numbers>
        <tracking_carrier>DPD</tracking_carrier>
        <tracking_number>05118018400968</tracking_number>
        <tracking_url>http://extranet.dpd.de/cgi-bin/delistrack?typ=1&lang=nl&pknr=05118018400968</tracking_url>
      </tracking_numbers>
    </dispatchline>
  </dispatchadvice>
</orderresponses>
```


Copaco XML gateway manual

```
</tracking_numbers>
<order>
  <ordernumber>0012712921</ordernumber>
  <linenumber>000100</linenumber>
  <orderdate>20150216</orderdate>
</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_url>http://extranet.dpd.de/cgi-bin/delistrack?typ=1&lang=nl&pknr=05118018400968</tracking_url>
  </tracking_numbers>
  <tracking_numbers>
    <tracking_carrier>DPD</tracking_carrier>
    <tracking_number>00000005118018400968</tracking_number>
    <tracking_url>http://extranet.dpd.de/cgi-bin/delistrack?typ=1&lang=nl&pknr=05118018400968</tracking_url>
  </tracking_numbers>
</order>
  <ordernumber>0012712921</ordernumber>
  <linenumber>000200</linenumber>
  <orderdate>20150216</orderdate>
</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>
```

Copaco XML gateway manual

```
</dispatchadvice>  
</orderresponses>
```

Copaco XML gateway manual

6.7.3. Detailed dispatch advice response (PAK) DTD description

Detailed explanation of the XML fields.

Element (mandatory)

orderresponses

Element (optional)

dispatchadvice

Element for PAK responses.

Element (mandatory)

dispatchheader

Element (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

Element (mandatory)

dispatchnumber

The reference number of ship note

Element (mandatory)

dispatchdate

The date that we ship the goods

Element (mandatory)

Customer

Element (mandatory)

custeomer_id

Your customer number

Element (optional)

customercontact

Attribute (mandatory)

e-mail

E-mail address from contact person

Attribute (mandatory)

telephone

Telephone number from contact person

Attribute (mandatory)

fax

Fax number from contact person

Copaco XML gateway manual

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

Element (mandatory)
postalcode
Postal code of delivery address

Element (mandatory)
city
City of the delivery address

Element (mandatory)
country
Country of the delivery address

Element (mandatory)
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

Copaco XML gateway manual

Element (mandatory)**customer_item_id**

Customer part number (if provided by you)

Element (mandatory)**manufacturer_item_id**

Manufacturer part number

Element (mandatory)**quantity**

Quantity. Decimal separator is "."

Attribute (optional)*unit*

Will always be "ST"

Element (mandatory)**item_description**

Item Description (short version)

Element (optional)*serial_numbers***Element (optional)***serialnumber*

Serial numbers of products. (if applicable)

Element (optional)**tracking_numbers****Element (optional)****tracking_carrier**

Name of the carrier (if available)

Element (optional)**tracking_number**

Tracking number of the carrier (if available)

Element (optional)**tracking_url**

Tracking url of the carrier (if available)

Element (mandatory)**order****Element (mandatory)****ordernumber**

Copaco order number

Element (mandatory)**linenumber**

The line number on our order

Element (mandatory)**orderdate**

The date the purchase order was received.

Copaco XML gateway manual

Element (mandatory)

customerorder

Attribute (optional)

recipientsreference

Reference for the goods receiver.

Element (mandatory)

customer_ordernumber

Your order number

Element (mandatory)

customer_linenummer

Your line number on the original purchase order

Element (mandatory)

document_id

Your document ID for the purchase order

Element (optional)

orderlinetext

Element (mandatory)

textqualifier

At this time only code 0001 is possible

Element (mandatory)

text

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

Element (mandatory)

dispatchtrailer

Element (mandatory)

total_number_of_units

Total number of units shipped on this ship note (the sum of the quantity on the complete ship note)

6.8. Invoice response (FAC)

After shipment, an XML invoice will be generated.

- Multiple orders and/or dispatches can be merged into one invoice. An XML FAC message can therefor contain invoice lines for multiple orders and/or dispatches.
Each invoice line contains a reference to customer order number, customer order line number, Copaco order number, Copaco order line number, Copaco dispatch number and Copaco dispatch line number.

6.8.1. Features invoice response

The following features are available in the invoice response:

- Header
 - Invoice type
 - Copaco invoice number
 - Invoice date and invoice expiration date
 - Information of invoice Sender
 - Information of invoiced billing party
 - Information of invoiced customer
 - Information of invoice payer
 - End-user information e.g. registration of support packs or licenses at vendor.
- Invoice line
 - Reference to Copaco order number and Copaco order line number
 - Reference to Copaco dispatch number and Copaco dispatch line number
 - Reference to Customer order number and customer line number
 - Delivery address information
 - Copaco product number
 - Manufacturer number
 - Customer product number
 - Quantity invoiced
 - Price per unit
 - Invoice line amount
 - VAT information
 - Item costs
 - Serial numbers
 - End-user information e.g. registration of support packs or licenses at vendor.
 - Serial number, sku and/or purchase date e.g. registration of support packs or licenses at vendor.
- Invoice trailer
 - Costs
 - Invoice amount excluding VAT
 - VAT amount
 - Invoice amount including VAT

Copaco XML gateway manual

6.8.2. Example 1

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

```
<?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>NEDERLAND</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>
      <BillToName2/>
      <BillToName3/>
      <BillToName4/>
      <BillToStreet>Demostreet 70</BillToStreet>
      <BillToZip_city>9876 AB EINDHOVEN</BillToZip_city>
      <BillToPObox>9800</BillToPObox>
      <BillToPo_city>9800 KL EINDHOVEN</BillToPo_city>
      <BillTocontact e-mail="" telephone="040-9876543" fax="">Demo Customer B.V.</BillTocontact>
      <BillToVat_number>NL001234567B01</BillToVat_number>
      <BillToCountry>NL</BillToCountry>
      <BillToCountryName>NEDERLAND</BillToCountryName>
```


Copaco XML gateway manual

```
</BillTo>
<invoicecustomer>
  <customer_id>0000000012</customer_id>
  <customer_name1>Demo Customer B.V.</customer_name1>
  <customer_name2/>
  <customer_name3/>
  <customer_name4/>
  <customer_street>Demostreet 70</customer_street>
  <customer_zip_city>9876 AB EINDHOVEN</customer_zip_city>
  <customer_pobox>9800</customer_pobox>
  <customer_country>NL</customer_country>
  <customercontact e-mail="" telephone="040-9876543" fax="">Demo Customer
    B.V.</customercontact>
  <customer_vat_number>NL001234567B01</customer_vat_number>
  <customer_countriname>NEDERLAND</customer_countriname>
</invoicecustomer>
<InvoicePayer>
  <addresscode>0000000012</addresscode>
  <name1>Demo Customer B.V.</name1>
  <name2/>
  <name3/>
  <name4/>
  <street>Demostreet 70</street>
  <postalcode>9876 AB</postalcode>
  <city>EINDHOVEN</city>
  <country>NL</country>
</InvoicePayer>
<end-user_information>
  <end-user_name1>End-user (company) name 1</end-user_name1>
  <end-user_name2>End-user (company) name 2</end-user_name2>
  <end-user_street>Street + housenumber</end-user_street>
  <end-user_postalcode>postalcode</end-user_postalcode>
  <end-user_city>city</end-user_city>
  <end-user_country>country</end-user_country>
  <end-user_firstname>First name</end-user_firstname>
  <end-user_lastname>lastname</end-user_lastname>
  <end-user_telephone>telephone number</end-user_telephone>
  <end-user_emailaddress>email address</end-user_emailaddress>
  <end-user_language>language ISO-code</end-user_language>
</end-user_information>
<invoiceline invoicelinenumber="000100" part_of_linenumber="">
  <invoiceorder>
    <ordernumber>0012712921</ordernumber>
    <ShipTo>
      <name1>Mr. D. Emo</name1>
      <name2>Second level floor</name2>
      <name3/>
      <name4/>
      <street>Testally 12</street>
      <postalcode>1234 AB</postalcode>
```

Copaco XML gateway manual

```
<city>Eindhoven</city>
<country>NL</country>
</ShipTo>
<linenumber>000100</linenumber>
<orderdate>20150216</orderdate>
<dispatchnumber>0280001157</dispatchnumber>
<dispatchlinenumber>000010</dispatchlinenumber>
<dispatchdate>20150219</dispatchdate>
</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 Blk</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>
    <amount currency="EUR">5.44</amount>
    <vatcode>A4</vatcode>
    <vatbase>25.92</vatbase>
  </item_vat>
  <item_costs>
    <ItemCostSign>+</ItemCostSign>
    <ItemCostCode>ZBB3</ItemCostCode>
    <ItemCostDescription>Recupel/Verw.bijdr.</ItemCostDescription>
    <ItemCostPrice>1.23</ItemCostPrice>
    <ItemCostAmount>2.46</ItemCostAmount>
    <ItemCostQuantity>2</ItemCostQuantity>
    <ItemCostVATPercentage>21.000</ItemCostVATPercentage>
    <ItemCostVATcode>A4</ItemCostVATcode>
    <ItemCostVATamount>0.52</ItemCostVATamount>
    <ItemCostVatBase>2.46</ItemCostVatBase>
  </item_costs>
  <item_costs>
    <ItemCostSign>+</ItemCostSign>
    <ItemCostCode>ZBB4</ItemCostCode>
    <ItemCostDescription>Bebat/Stibat</ItemCostDescription>
    <ItemCostPrice>2.34</ItemCostPrice>
    <ItemCostAmount>4.68</ItemCostAmount>
    <ItemCostQuantity>2</ItemCostQuantity>
```

Copaco XML gateway manual

```
<ItemCostVATPercentage>21.000</ItemCostVATPercentage>
<ItemCostVATcode>A4</ItemCostVATcode>
<ItemCostVATamount>0.98</ItemCostVATamount>
<ItemCostVatBase>4.68</ItemCostVatBase>
</item_costs>
<serialnumbers>
  <serialnumber>ABCD12345</serialnumber>
  <serialnumber>ABCD98765</serialnumber>
</serialnumbers>
</invoice_item>
</invoiceline>
<invoiceline invoicelinenumber="000200" part_of_linenummer="">
  <invoiceorder>
    <ordernumber>0012712921</ordernumber>
    <ShipTo>
      <name1>Mr. D. Emo</name1>
      <name2>Second level floor</name2>
      <name3/>
      <name4/>
      <street>Testally 12</street>
      <postalcode>1234 AB</postalcode>
      <city>Eindhoven</city>
      <country>NL</country>
    </ShipTo>
    <linenumber>000200</linenumber>
    <orderdate>20150216</orderdate>
    <dispatchnumber>0280001157</dispatchnumber>
    <dispatchlinenumber>000020</dispatchlinenumber>
    <dispatchdate>20150219</dispatchdate>
  </invoiceorder>
  <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>
```

Copaco XML gateway manual

```
<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>
<serialnumbers>
  <serialnumber>XYZ12345</serialnumber>
  <serialnumber>XYZ98765</serialnumber>
</serialnumbers>
</invoice_item>
<orderline_info>
  <end-user_orderline_info>
    <end-user_orderline_name1>End-user (company) name 1</end-user_orderline_name1>
    <end-user_orderline_name2>End-user (company) name 2</end-user_orderline_name2>
    <end-user_orderline_street>Street + housenumber</end-user_orderline_street>
    <end-user_orderline_postalcode>postalcode</end-user_orderline_postalcode>
    <end-user_orderline_city>city (mandatory)</end-user_orderline_city>
    <end-user_orderline_country>country</end-user_orderline_country>
    <end-user_orderline_firstname>First name</end-user_orderline_firstname>
    <end-user_orderline_lastname>lastname</end-user_orderline_lastname>
    <end-user_orderline_telephone>telephone number</end-user_orderline_telephone>
    <end-user_orderline_email>email address</end-user_orderline_email>
    <end-user_orderline_language>language ISO-code</end-user_orderline_language>
  </end-user_orderline_info>
  <registration_info>
    <registration>
      <serial-number>serial number 1</serial-number>
      <sku>sku 1</sku>
      <purchase_date>purchase date 1</purchase_date>
    </registration>
    <registration>
      <serial-number>serial number 2</serial-number>
      <sku>sku 2</sku>
      <purchase_date>purchase date 2</purchase_date>
    </registration>
    <registration>
      <serial-number>serial number 3</serial-number>
      <sku>sku 3</sku>
      <purchase_date>purchase date 3</purchase_date>
    </registration>
  </registration_info>
</orderline_info>
</invoiceline>
<invoicetrailer>
  <costs>
    <sign>+</sign>
```

Copaco XML gateway manual

```
<code>ZBB3</code>
<description>Recupel/Verw.bijdr.</description>
<amount currency="EUR">9.36</amount>
<costsVAT>
  <VATpercentage>21.000</VATpercentage>
  <VATcode>A4</VATcode>
  <VatAmount>1.97</VatAmount>
  <VatBase>9.360</VatBase>
</costsVAT>
</costs>
<costs>
  <sign>+</sign>
  <code>ZBB4</code>
  <description>Bebat/Stibat</description>
  <amount currency="EUR">4.68</amount>
  <costsVAT>
    <VATpercentage>21.000</VATpercentage>
    <VATcode>A4</VATcode>
    <VatAmount>0.98</VatAmount>
    <VatBase>4.680</VatBase>
  </costsVAT>
</costs>
<costs>
  <sign>+</sign>
  <code>ZVTR</code>
  <description>Dropshipmentkosten</description>
  <amount currency="EUR">9.4</amount>
  <costsVAT>
    <VATpercentage>21.000</VATpercentage>
    <VATcode>A4</VATcode>
    <VatAmount>1.97</VatAmount>
    <VatBase>9.40</VatBase>
  </costsVAT>
</costs>
<costs>
  <sign>+</sign>
  <code>ZHND</code>
  <description>Handlingkosten</description>
  <amount currency="EUR">11</amount>
  <costsVAT>
    <VATpercentage>21.000</VATpercentage>
    <VATcode>A4</VATcode>
    <VatAmount>2.31</VatAmount>
    <VatBase>11.00</VatBase>
  </costsVAT>
</costs>
<costs>
  <sign>+</sign>
  <code>ZORD</code>
  <description>Orderkosten</description>
```

Copaco XML gateway manual

```
<amount currency="EUR">11</amount>
<costsVAT>
  <VATpercentage>21.000</VATpercentage>
  <VATcode>A4</VATcode>
  <VatAmount>2.31</VatAmount>
  <VatBase>11.00</VatBase>
</costsVAT>
</costs>
<invoice_amount_ex_VAT currency="EUR">116.36</invoice_amount_ex_VAT>
<invoice_VAT_amount currency="EUR">24.44</invoice_VAT_amount>
<invoice_amount_incl_VAT currency="EUR">140.80</invoice_amount_incl_VAT>
<COD_amount/>
<VATS>
  <TotalVAT>
    <percentage>21.000</percentage>
    <amount currency="EUR">24.44</amount>
    <vatcode>A4</vatcode>
    <vatbase>116.36</vatbase>
  </TotalVAT>
</VATS>
</invoicetrailer>
</invoice>
</orderresponses>
```

Copaco XML gateway manual

6.8.3. 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)

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)

document_date

The date the document is created

Attribute (mandatory)

supplier_vat_number

The VAT number of the supplier

Attribute (optional)

koers

Future use

Attribute (optional)

TermsOfPaymentCoded

Code for term of payment.

Attribute (optional)

TermsOfPaymentDays

Number of day for deadline for payment

Attribute (optional)

TermsOfPaymentPercentage

Percentage for term of payment

Element (mandatory)

invoice_number

The number of the invoice

Copaco XML gateway manual

Element (mandatory)**invoice_date**

The date of the invoice (format is YYYYMMDD)

Element (mandatory)**invoice_expiration_date**

The expiration date of the invoice (format is YYYYMMDD)

Element (mandatory)**invoice_currency**

The overall currency of the invoice

Element (mandatory)**invoice_terms_of_payment_text**

The payment terms in text (Dutch)

Element (mandatory)**invoice_terms_of_delivery**

The shipment terms in text (Dutch)

Element (optional)*TrackingNumber*

Tracking number of the carrier (if available)

Element (optional)*StornoNumber*

Storno number

Element (optional)*IdealPaymentCode*

payment code if order is paid with iDEAL (Netherlands) of Bancontact (Belgium).

Element (mandatory)**InvoiceSender**

Information of the sender of the invoice.

Element (mandatory)**name**

Name of the organisation of the invoice sender

Element (mandatory)**address**

Address including number of the invoice sender

Element (mandatory)**postalcode**

Postalcode of the invoice sender

Element (mandatory)**city**

City of the invoice sender.

Element (optional)*PObox*

PO box number of the invoice sender.

Copaco XML gateway manual

Element (optional)

Postalcode_PObox

Postal code for PO box number of the invoice sender.

Element (optional)

city_PObox

City for the PO box number of the invoice sender.

Element (mandatory)

country

Country of the invoice sender

Element (mandatory)

Telephone

Telephone number of the invoice sender.

Element (mandatory)

Fax

Fax number of the invoice sender.

Element (mandatory)

BankAccount

Bank account number of the invoice sender.

Element (mandatory)

IBAN

IBAN number of the invoice sender.

Element (mandatory)

BIC

BIC code of the invoice sender.

Element (mandatory)

VATnumber

VAT number of the invoice sender.

Element (mandatory)

Website

Website of the invoice sender.

Element (mandatory)

ChamberOfCommerce

Chamber of Commerce number of the invoice sender.

Element (optional)

Swift

Swift code of the invoice sender.

Copaco XML gateway manual

Element (optional)

Assignment

Element (mandatory)

name

Name

Element (mandatory)

address

Address including number

Element (mandatory)

postalcode

Postal code

Element (mandatory)

city

City

Element (mandatory)

country

Country

Element (mandatory)

BankAccount

Bank Account number

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.

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Copaco XML gateway manual

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.

Attribute (mandatory)**fax**

Fax number of the bill to party.

Element (mandatory)**BillToVat_number**

Vat number of the bill to party.

Element (mandatory)**BillToCountry**

Country code of the bill to party.

Element (mandatory)**BillToCountryName**

Country of the bill to party.

Element (mandatory)**invoicecustomer**

Information of the invoice customer

Element (mandatory)**customer_id**

Number of the invoice customer.

Element (optional)**customer_name1**

Name line 1 of the invoice customer.

Copaco XML gateway manual

Element (optional)

customer_name2

Name line 2 of the invoice customer.

Element (optional)

customer_name3

Name line 3 of the invoice customer.

Element (optional)

customer_name4

Name line 4 of the invoice customer.

Element (optional)

customer_street

Address including number 1 of the invoice customer.

Element (optional)

customer_zip_city

Postal code of the invoice customer.

Element (optional)

customer_pobox

PO box number of the invoice customer.

Element (optional)

customer_po_city

City for the PO box number of the invoice customer.

Element (optional)

customer_country

Country of the invoice customer.

Element (optional)

Customercontact

Attribute (mandatory)

e-mail

Email address of the invoice customer.

Attribute (mandatory)

telephone

Telephone number of the invoice customer.

Attribute (mandatory)

fax

Fax number of the invoice customer.

Element (optional)

customer_vat_number

VAT number of the invoice customer.

Element (optional)

customer_language

Language number of the invoice customer.

Element (optional)

betaler

Future use

Copaco XML gateway manual

Element (optional)

customer_countryname

Country of the invoice customer.

Element (optional)

customer_vat_number2

Second VAT number of the invoice customer.

Element (mandatory)

InvoicePayer

Information of the invoice payer

Element (optional)

addresscode

Number of the invoice payer.

Element (mandatory)

name1

Name line 1 of the invoice payer.

Element (mandatory)

name2

Name line 2 of the invoice payer.

Element (mandatory)

name3

Name line 3 of the invoice payer.

Element (mandatory)

name4

Name line 4 of the invoice payer.

Element (mandatory)

street

Address including number of the invoice payer.

Element (mandatory)

postalcode

Postal code of the invoice payer.

Element (mandatory)

city

City of the invoice payer.

Element (mandatory)

country

Country of the invoice payer.

Element (optional)

HeaderText

Future use

Copaco XML gateway manual

Element (optional)

end-user_information

End-user information. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (mandatory)

end-user_name1

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)

end-user_name2

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)

end-user_street

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)

end-user_postalcode

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)

end-user_city

End-user city

Maximum length: 35 characters

Copaco XML gateway manual

Element (mandatory)

end-user_country

NL = Netherlands
BE = Belgium
LU = Luxembourg
FR = France
DE = Germany

Country codes for other countries are available on request.

Element (optional)

end-user_firstname

End-user first name

Maximum length: 35 characters

Element (optional)

end-user_lastname

End-user last name

Maximum length: 35 characters

Element (optional)

end-user_telephone

End-user telephone number 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

Element (optional)

end-user_emailaddress

End-user email address

Maximum length: 70 characters

Element (optional)

end-user_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (also for Dutch speaking region in Belgium)

EN = English

FR = French (also for French speaking region in Belgium)

DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

Copaco XML gateway manual

Element (optional)

invoiceline

Information about the invoice line

Element (optional)

invoiceorder

Element (mandatory)

ordernumber

The Copaco order number for which this invoice is created.

Element (optional)

ShipTo

Element (optional)

addresscode

Address code of the shipment address

Element (mandatory)

name1

Name line 1 of the shipment address.

Element (mandatory)

name2

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.

Copaco XML gateway manual

Element (mandatory)**linenumber**

Our line number on the order

Element (mandatory)**orderdate**

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)**text**

The text provided with the qualifier 0001 on header level

Element (optional)**ProjectReference**

Project reference number

Element (optional)**ProjectName**

Project reference name

Element (optional)**customerorder****Attribute (optional)****recipientsreference****Element (mandatory)****customer_ordernumber**

Your order number

Element (mandatory)**customer_linenumber**

Your line number on the original purchase order

Element (mandatory)**document_id**

Your document ID for the purchase order

Copaco XML gateway manual

Element (optional)

invoice_item

Element (mandatory)

item_id

Our part number

Element (optional)

customer_item_id

Customer part number (if provided by you)

Element (mandatory)

manufacturer_item_id

Manufacturer part number

Element (mandatory)

quantity_ordered

The quantity ordered on your purchase order

Element (mandatory)

item_description

Item Description (short version)

Element (mandatory)

price

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 "."

Copaco XML gateway manual

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

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

Copaco XML gateway manual

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 (optional)*orderline_info*

Additional information for order line. Depending on type of order or product necessary to process the order.

Element (optional)*end-user_orderline_info*

End-user information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Copaco XML gateway manual

Element (mandatory)**end-user_orderline_name1**

End-user (company) name field 1

Maximum length: 35 characters

Element (optional)**end-user_orderline_name2**

End-user (company) name field 2

Maximum length: 35 characters

Element (mandatory)**end-user_orderline_street**

End-user street address including housenumber

Maximum length: 35 characters

Element (mandatory)**end-user_orderline_postalcode**

End-user postcode. Syntax for postcode:

- Netherlands: "1234 AB"
- Belgium: "1234"
- Luxembourg: "1234"
- France: "12345"

Syntax postcode for other countries are available on request.

Element (mandatory)**end-user_orderline_city**

End-user city

Maximum length: 35 characters

Element (mandatory)**end-user_orderline_country**

NL = Netherlands

BE = Belgium

LU = Luxembourg

FR = France

DE = Germany

Country codes for other countries are available on request.

Element (optional)**end-user_orderline_firstname**

End-user first name

Maximum length: 35 characters

Copaco XML gateway manual

Element (optional)

end-user_orderline_lastname

End-user last name

Maximum length: 35 characters

Element (optional)

end-user_orderline_telephone

End-user telephone number 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

Element (optional)

end-user_orderline_emailaddress

End-user email address

Maximum length: 70 characters

Element (optional)

end-user_orderline_language

End-user language based on the 'alpha-2' ISO country code

NL = Dutch (also for Dutch speaking region in Belgium)

EN = English

FR = French (also for French speaking region in Belgium)

DE = German

See link below for list of ISO country codes:

https://en.wikipedia.org/wiki/List_of_ISO_3166_country_codes

Copaco XML gateway manual

Element (optional)

registration_info

Registration information for order line. Depending on type of order or product necessary to process the order. E.g. for registration of support packs or licenses at vendor.

Remarks:

- Although some XML elements are optional, they may be mandatory depending on type of order or product. Please consult Sales department which information is mandatory.
- Maximum length is defined according the Copaco ERP system. Maximum length may be less in the connected system e.g. in the system at the vendor for registration of support packs or licenses.

Element (optional)

registration

Element (optional)

serial-number

Serial number of product that is registered.

Element (optional)

sku

Product number or sku of product that is registered.

Element (optional)

purchase_date

Purchase date of product for that is registered.

Element (mandatory)

invoicetrailer

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

Copaco XML gateway manual

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

Attribute (mandatory)

currency

The currency of the total excluding VAT amount

Element (mandatory)

invoice_VAT_amount

The total amount of VAT. Decimal separator is "."

Attribute (mandatory)

currency

The currency of the total VAT amount

Element (mandatory)

invoice_amount_incl_VAT

The total amount of invoice including VAT.

Decimal separator is "."

Attribute (mandatory)

currency

The currency of the total including VAT amount

Element (optional)

COD_amount

COD amount

Element (optional)

BetaalText_1

Payment text line 1

Copaco XML gateway manual

Element (optional)

BetaalText_2

Payment text line 2

Element (optional)

BetaalText_3

Payment text line 3

Element (optional)

VATS

Element (optional)

TotalVAT

Element (mandatory)

percentage

Total VAT percentage

Element (mandatory)

amount

Total VAT amount

Attribute (mandatory)

currency

The currency of the total VAT amount

Element (optional)

vattext

Element (optional)

vattext

Total VAT text

Element (optional)

vatcode

Total VAT code

Element (optional)

vatbase

Total VAT base

7. Real-time ATP check

The real-time ATP check is a HTTP request which returns price and availability.

The response contains:

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

Remarks:

The purpose of real-time ATP check is a last check before sending an XML order.

The real-time ATP check is not mentioned for updating all prices in a database and therefor is limited to 250 request a day.

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 ERP 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
```

Copaco XML gateway manual

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&vendoritem_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&vendoritem_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.

Tag (mandatory)
ATPcheck

The main tag for the XML ATP check

Attribute (mandatory)
item_id

This field contains the Copaco product number

Attribute (mandatory)
Error

This field contains the error number. The following error codes with their corresponding error text are available:

- A = Daily limit exceeded
- 1 = Error in parameter
- 2 = Unknown distributor
- 3 = Unknown customer
- 4 = Error in sender-id
- 7 = No ATP data for item

Attribute (mandatory)
error_text

This field contains the error text. The following error codes with their corresponding error text are available:

- A = Daily limit exceeded
- 1 = Error in parameter
- 2 = Unknown distributor
- 3 = Unknown customer
- 4 = Error in sender-id
- 7 = No ATP data for item

Attribute (mandatory)
item_description

This field contains the item description

Attribute (mandatory)
vendor_id

This field contains the vendor product number

Attribute (mandatory)
Stock

This field contains the current available stock

Attribute (mandatory)
Currency

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

Copaco XML gateway manual

Attribute (mandatory)
Price

Your net/net price

Attribute (mandatory)
price_incl_levies

Your price including levies

Attribute (optional)
<i>Levies</i>

Attribute (mandatory)
Levy

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

Copaco XML gateway manual

Attribute (optional)

Atplines

Attribute (mandatory)

Atpline

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)

Element (mandatory)

atp_stock

Expected stock on the atp_date

Element (mandatory)

atp_date

Expected stock date

Copaco XML gateway manual

7.2.2. Example 1

Below a result for an ATP check

- Product with multiple levies
- Product with multiple ATP lines

```
<?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>
```

Copaco XML gateway manual

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).