

Opentrans V2.1 OrderResponse

Competec Service AG

Version 1.1, 12.09.2024

Preface

This document describes the implementation of Opentrans V2.1 for supplier OrderResponse.

Order Response Header

Control Info

Control Info may be omitted. GENERATION_DATE is used for document date. If not provided, ORDERRESPONSE_DATE will be used instead.

Table 1. control info elements

Element name	Description	Example	Required
GENERATOR_INFO	Generator	EDI	
GENERATION_DATE	Date Time	2023-04-22T09:48:11	preferred

Order Response Info

Table 2. order response info elements

Element name	Description	Example	Required
ORDER_ID	Order ID	1112223334	Y
ORDERRESPONSE_DATE	Date Time	2023-04-22T09:48:11	Y
PARTIES	Parties	Parties	Y
ORDER_PARTIES_REFERENCE	Supplier's ID	Parties References	Y

Parties

Expected parties are BUYER and SUPPLIER. Party addresses may be reduced to contain the company's name only.

Table 3. Party Elements

Element name	Description	Example
PARTY_ID	identification	A1234
PARTY_ROLE	Identifies the role of this party	buyer
ADDRESS	Address data with NAME only	see Example Parties Block

Allowed types for PARTY_ID and their interpretation:

Type	Description	Remarks
customer_specific	identifier given by Brack/Alltron	
supplier_specific	identifier given by Supplier	
gln	gln	preferred

Provided codes for PARTY_ROLE and their interpretation:

Code	Description	Remarks
supplier	Suppliers Address	with customer_specific id and/or gln
buyer	Buyers Address	with supplier_specific id and/or gln

Example Parties Block

```
<PARTIES>
  <PARTY>
    <ns2:PARTY_ID type="gln">7609999129308</ns2:PARTY_ID>
    <ns2:PARTY_ID type="supplier_specific">123456</ns2:PARTY_ID>
    <PARTY_ROLE>buyer</PARTY_ROLE>
    <ADDRESS>
      <ns2:NAME>BRACK.CH AG</ns2:NAME>
    </ADDRESS>
  </PARTY>
  <PARTY>
    <ns2:PARTY_ID type="gln">7660000000000</ns2:PARTY_ID>
    <ns2:PARTY_ID type="customer_specific">L123456</ns2:PARTY_ID>
    <PARTY_ROLE>supplier</PARTY_ROLE>
    <ADDRESS>
      <ns2:NAME>SUPPLIER NAME AG</ns2:NAME>
    </ADDRESS>
  </PARTY>
</PARTIES>
```

Parties References

The type for each reference is `supplier_specific`.

Table 4. Parties references

Element name	Description	Example
BUYER_IDREF	defines buyer party id with type	7609999129308
SUPPLIER_IDREF	defines supplier party id with type	7660000000000

Example:

```
<ORDERRESPONSE_INFO>
<!-- ... -->
<ORDER_PARTIES_REFERENCE>
  <ns2:BUYER_IDREF type="supplier_specific">7609999129308</ns2:BUYER_IDREF>
  <ns2:SUPPLIER_IDREF type="customer_specific">7660000000000</ns2:SUPPLIER_IDREF>
</ORDER_PARTIES_REFERENCE>
<!-- ... -->
</ORDERRESPONSE_INFO>
```

Order Response Item List

Order Response Items

An Order Response must at least contain one valid line item.

Table 5. OrderResponse item list element

Element name	Description	Example	Remarks
ORDERRESPONSE_ITEM	contains all line items	Order Response Item	at least one line must be present.

Order Response Item

If the line quantity is set to zero or less, the line is considered canceled.

Table 6. Order Item Elements

Element name	Description	Example	Mandatory
LINE_ITEM_ID	Line number from Order	10	Y
PRODUCT_ID	Product IDs	Product ID	Y
QUANTITY	Amount ordered	5	Y
ORDER_UNIT	Unit, always p. piece	C62 (fix)	
PRODUCT_PRICE_FIX	Price without VAT	Product Price fix	
PRICE_LINE_AMOUNT	total of line, without VAT	88	
DELIVERY_DATE	delivery dates	Delivery Date	

Product ID

Table 7. Product Id elements

Element name	Description	Example	Remarks
SUPPLIER_PID	Product id by supplier	abc1234	
BUYER_PID	Product id by buyer	abc1234	Expected sku
INTERNATIONAL_PID	EAN Code, only if present	7109806181210	ean

Example:

```
<PRODUCT_ID>
  <ns2:SUPPLIER_PID type="supplier_specific">AA123456</ns2:SUPPLIER_PID>
  <ns2:INTERNATIONAL_PID type="ean">7109806181210</ns2:INTERNATIONAL_PID>
  <ns2:BUYER_PID type="buyer_specific">123456</ns2:BUYER_PID>
</PRODUCT_ID>
```

Product Price fix

Product prices are always without vat.

Table 8. Product price fix element

Element name	Description	Example
PRICE_AMOUNT	Price per unit	80.85

Example:

```
<PRODUCT_PRICE_FIX>
  <ns2:PRICE_AMOUNT>80.85</ns2:PRICE_AMOUNT>
</PRODUCT_PRICE_FIX>
```

Delivery Date

The delivery end date will be considered as delivery date.

Table 9. Delivery Date elements

Element name	Description	Example
DELIVERY_START_DATE	requested delivery date	2021-10-27T00:00:00
DELIVERY_END_DATE	requested delivery date	2021-10-28T00:00:00

Example:

```
<DELIVERY_DATE type="fixed">  
  <DELIVERY_START_DATE>2021-10-28T00:00:00</DELIVERY_START_DATE>  
  <DELIVERY_END_DATE>2021-10-28T00:00:00</DELIVERY_END_DATE>  
</DELIVERY_DATE>
```


Order Response Summary

Table 10. Order summary Elements

Element name	Description	Example
TOTAL_ITEM_NUM	Count of line items	1

Example:

```
<ORDER_SUMMARY>
  <TOTAL_ITEM_NUM>2</TOTAL_ITEM_NUM>
</ORDER_SUMMARY>
```

Appendix

Sample Order Response

```
<?xml version="1.0" encoding="utf-8" standalone="yes"?>
<ORDERRESPONSE xmlns:ns2="http://www.bmecat.org/bmecat/2005"
  xmlns="http://www.opentrans.org/XMLSchema/2.1"
  version="2.1">
  <ORDERRESPONSE_HEADER>
    <ORDERRESPONSE_INFO>
      <ORDER_ID>1991072172</ORDER_ID>
      <ORDERRESPONSE_DATE>2024-06-28T00:00:00</ORDERRESPONSE_DATE>
      <PARTIES>
        <PARTY>
          <ns2:PARTY_ID type="gln">7609999129308</ns2:PARTY_ID>
          <PARTY_ROLE>buyer</PARTY_ROLE>
          <ADDRESS>
            <ns2:NAME>BRACK.CH AG</ns2:NAME>
          </ADDRESS>
        </PARTY>
        <PARTY>
          <ns2:PARTY_ID type="gln">7990000000009</ns2:PARTY_ID>
          <PARTY_ROLE>supplier</PARTY_ROLE>
          <ADDRESS>
            <ns2:NAME>Partner AG</ns2:NAME>
          </ADDRESS>
        </PARTY>
      </PARTIES>
      <ORDER_PARTIES_REFERENCE>
        <ns2:BUYER_IDREF type="supplier_specific">
7609999129308</ns2:BUYER_IDREF>
        <ns2:SUPPLIER_IDREF type="customer_specific">
7990000000009</ns2:SUPPLIER_IDREF>
      </ORDER_PARTIES_REFERENCE>
    </ORDERRESPONSE_INFO>
  </ORDERRESPONSE_HEADER>
  <ORDERRESPONSE_ITEM_LIST>
    <ORDERRESPONSE_ITEM>
      <LINE_ITEM_ID>10000</LINE_ITEM_ID>
      <PRODUCT_ID>
        <ns2:SUPPLIER_PID type="supplier_specific">73.83587</ns2:SUPPLIER_PID>
      </PRODUCT_ID>
      <QUANTITY>70</QUANTITY>
      <ns2:ORDER_UNIT>C62</ns2:ORDER_UNIT>
      <PRODUCT_PRICE_FIX>
        <ns2:PRICE_AMOUNT>5.34</ns2:PRICE_AMOUNT>
      </PRODUCT_PRICE_FIX>
      <DELIVERY_DATE type="optional">
        <DELIVERY_START_DATE>2024-07-01</DELIVERY_START_DATE>
      </DELIVERY_DATE>
    </ORDERRESPONSE_ITEM>
  </ORDERRESPONSE_ITEM_LIST>
</ORDERRESPONSE>
```

```
        <DELIVERY_END_DATE>2024-07-01</DELIVERY_END_DATE>
      </DELIVERY_DATE>
    </ORDERRESPONSE_ITEM>
  </ORDERRESPONSE_ITEM_LIST>
  <ORDERRESPONSE_SUMMARY>
    <TOTAL_ITEM_NUM>70</TOTAL_ITEM_NUM>
  </ORDERRESPONSE_SUMMARY>
</ORDERRESPONSE>
```

Glossary

sku

Stock Keeping Unit, product id by competec.