Opentrans V2.1 OrderResponse

Competec Service AG

Version 1.1, 13-07-2023

Preface

This document describes the implementation of Opentrans V2.1 for customer order response.

All currencies are CHF. All product units are C62 (piece)

Order Response Header

Control Info

Table 1. Control info elements

Element name	Description
GENERATION_DATE	Date and Time of Document generation

Example:

```
<CONTROL_INFO>
  <GENERATOR_INFO>Competec EDI</GENERATOR_INFO>
  <GENERATION_DATE>2023-04-23T09:48:11</GENERATION_DATE>
</CONTROL_INFO>
```

Order Response Info

Table 2. Order response info elements

Element name	Description	Example
ORDER_ID	Customers Order ID	1112223334
ORDER_RESPONSE_DATE	Date Time	2023-04-22T09:48:11
ORDER_DATE	Date Time	2023-04-23T00:00:00
SUPPLIER_ORDER_ID	Order Number	33344455
DELIVERY_DATE	Delivery Date	
PARTIES	Parties	Parties
ORDER_PARTIES_REFERENCES	References	Order Response Parties References
CURRENCY	Currency	CHF

Delivery Date

The delivery dates are just an estimate, they are not guaranteed.

Table 3. DeliveryDate Elements

Element name	Description	Example
DELIVERY_START_DATE	Date Time	2023-02-07T00:00:00
DELIVERY_END_DATE	Date Time	2023-02-08T00:00:00

Example:

```
<DELIVERY_DATE>
  <DELIVERY_START_DATE>2023-02-07T00:00:00</DELIVERY_START_DATE>
  <DELIVERY_END_DATE>2023-02-08T00:00:00</DELIVERY_END_DATE>
</DELIVERY_DATE>
```

Parties

If delivery is omitted, delivery will go to buyers address.

Table 4. Party Elements

Element name	Description	Example
PARTY_ID	ID, GLN, DUNS…	A1234
PARTY_ROLE	Identifies the role of this party	buyer
ADDRESS	Address data	Address

Values for Attribute type and their interpretation:

PARTY_ID type =	Description
supplier_specific	ID given by supplier
buyer_specific	ID given by buyer

Supported codes for PARTY_ROLE and their interpretation:

Code	Description
buyer	Address ordering
supplier	Address supplier (Brack, Alltron)
invoice_recipient	Address for invoice to send to
delivery	Address to receive goods

Address

Addresses for all parties are always provided.

Table 5. Address Elements

Element name	Description	Example
NAME	Company Name	Sample AG
NAME2	Additional Line	Department X
NAME3	Additional Line	CHN 34.5
CONTACT_DETAILS	Contact block	Contact details

Element name	Description	Example
STREET	Street	Mustergasse 1
ZIP	ZIP	8000
CITY	City	Zürich
STATE	Canton	ZH
COUNTRY_CODED	Country code	CH

Contact details

Table 6. Contact details

Element name	Description	Example
CONTACT_NAME	Contacts name	M. Muster

Example Party Block with contact details:

```
<PARTY>
  <ns2:PARTY_ID type="supplier_specific">444444</ns2:PARTY_ID>
  <PARTY_ROLE>delivery</PARTY_ROLE>
    <ADDRESS>
      <ns2:NAME>Sample AG</ns2:NAME>
      <ns2:NAME2>Department X</ns2:NAME2>
      <ns2:NAME3>CHN 34.5</ns2:NAME3>
      <CONTACT_DETAILS>
        <ns2:CONTACT_NAME>M. Muster</ns2:CONTACT_NAME>
      </CONTACT_DETAILS>
      <ns2:STREET>Mustergasse 1</ns2:STREET>
      <ns2:ZIP>8000</ns2:ZIP>
      <ns2:CITY>Zürich</ns2:CITY>
      <ns2:COUNTRY_CODED>CH</ns2:COUNTRY_CODED>
    </ADDRESS>
  </PARTY>
```

Order Response Parties References

Table 7. Order parties references

Element name	Description	Example
BUYER_IDREF	defines buyer party id with type	444444
SUPPLIER_IDREF	defines supplier party id with type	666666

Example:

```
<ORDER_PARTIES_REFERENCE>
```

```
    <bmecat:BUYER_IDREF type="supplier_specific">444444</bmecat:BUYER_IDREF>
    <bmecat:SUPPLIER_IDREF type="supplier_specific">666666</bmecat:SUPPLIER_IDREF>
</ORDER_PARTIES_REFERENCE>
```

Order Response Item List

At least one item is provided.

Order Response Items

Table 8. Order item element

Element name	Description	Example
ORDERRESPONSE_ITEM_LIST	contains all line items	Order Item

Order Item

Table 9. Order Response Item Elements

Element name	Description	Example
LINE_ITEM_ID	Line number	10
PRODUCT_ID	Product IDs	Product ID
QUANTITY	Amount ordered	1
ORDER_UNIT	Unit	C62
PRODUCT_PRICE_FIX		Product price fixed
PRICE_LINE_AMOUNT	Net total price	2.76
DELIVERY_DATE	Delivery Date range	Delivery Date

Product ID

Table 10. Product Id elements

Element name	Description	Example
SUPPLIER_PID	Product id by supplier, sku	1513
INTERNATIONAL_PID	ean code	7613081045766
DESCRIPTION_SHORT	Product name, always german	Sample Product
MANUFACTURER_INFO	Manufacturer ID	Manufacturer Info

Manufacturer Info

Table 11. Manufacturer elements

Element name	Description	Example	Remarks
MANUFACTURER_PID	Manufacturers ID	F00354	may be omitted

Example PRODUCT_ID:

```
<PRODUCT_ID>
  <ns2:SUPPLIER_PID type="supplier_specific">1513</ns2:SUPPLIER_PID>
  <ns2:INTERNATIONAL_PID type="ean">7613081045766</ns2:INTERNATIONAL_PID>
  <ns2:DESCRIPTION_SHORT lang="ger">TestArtikel</ns2:DESCRIPTION_SHORT>
  <MANUFACTURER_INFO>
    <ns2:MANUFACTURER_PID>F00354</ns2:MANUFACTURER_PID>
  </MANUFACTURER_INFO>
</PRODUCT_ID>
```

Product price fixed

Table 12. Product price fixed elements

Element name	Description	Example
PRICE_AMOUNT	amount per unit	2.76

Example PRODUCT_PRICE_FIX:

```
<PRODUCT_PRICE_FIX>
    <bmecat:PRICE_AMOUNT>2.76</bmecat:PRICE_AMOUNT>
</PRODUCT_PRICE_FIX>
```

Order Summary

Table 13. Order summary Elements

Element name	Description	Status	Example
TOTAL_ITEM_NUM	Count of line items	M	1
TOTAL_AMOUNT	Net amount	M	502.00

Example:

```
<ORDERRESPONSE_SUMMARY>
  <TOTAL_ITEM_NUM>1</TOTAL_ITEM_NUM>
  <TOTAL_AMOUNT>2.76</TOTAL_AMOUNT>
</ORDERRESPONSE_SUMMARY>
```

Appendix

Sample Orderresponse

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<OPENTRANS xmlns="http://www.opentrans.org/XMLSchema/2.1"
xmlns:xmime="http://www.w3.org/2005/05/xmlmime"
  xmlns:ns2="http://www.bmecat.org/bmecat/2005"
xmlns:ns4="http://www.w3.org/2000/09/xmldsig#">
  <ORDERRESPONSE version="2.1">
    <ORDERRESPONSE_HEADER>
      <CONTROL_INFO>
        <GENERATOR_INFO>Competec EDI</GENERATOR_INFO>
        <GENERATION_DATE>2023-04-23T09:48:11</GENERATION_DATE>
      </CONTROL_INFO>
      <ORDERRESPONSE_INFO>
        <ORDER_ID>1112223334</ORDER_ID>
        <ORDERRESPONSE_DATE>2023-04-22T09:48:11</ORDERRESPONSE_DATE>
        <ORDER_DATE>2023-04-23T00:00:00</ORDER_DATE>
        <SUPPLIER_ORDER_ID>33344455</SUPPLIER_ORDER_ID>
        <DELIVERY_DATE>
          <DELIVERY_START_DATE>2023-02-07T00:00:00</DELIVERY_START_DATE>
          <DELIVERY_END_DATE>2023-02-08T00:00:00</DELIVERY_END_DATE>
        </DELIVERY_DATE>
        <PARTIES>
          <PARTY>
            <ns2:PARTY_ID type="buyer_specific">AN123456789</ns2:PARTY_ID>
            <ns2:PARTY_ID type="supplier_specific">444444</ns2:PARTY_ID>
            <PARTY_ROLE>buyer</PARTY_ROLE>
            <ADDRESS>
              <ns2:NAME>Sample AG</ns2:NAME>
              <ns2:NAME2>Department X</ns2:NAME2>
              <ns2:NAME3>CHN 34.5</ns2:NAME3>
              <CONTACT_DETAILS>
                <ns2:CONTACT_NAME>M. Muster</ns2:CONTACT_NAME>
              </CONTACT_DETAILS>
              <ns2:STREET>Mustergasse 1</ns2:STREET>
              <ns2:ZIP>8000</ns2:ZIP>
              <ns2:CITY>Zürich</ns2:CITY>
              <ns2:COUNTRY>CH</ns2:COUNTRY>
            </ADDRESS>
          </PARTY>
          <PARTY>
            <ns2:PARTY_ID type="supplier_specific">444444</ns2:PARTY_ID>
            <PARTY_ROLE>invoice_recipient</PARTY_ROLE>
            <ADDRESS>
              <ns2:NAME>Sample AG</ns2:NAME>
              <ns2:STREET>Mustergasse 1</ns2:STREET>
              <ns2:ZIP>8000</ns2:ZIP>
```

```xml
            <ns2:CITY>Zürich</ns2:CITY>
            <ns2:COUNTRY>CH</ns2:COUNTRY>
          </ADDRESS>
        </PARTY>
        <PARTY>
          <ns2:PARTY_ID type="supplier_specific">444444</ns2:PARTY_ID>
          <PARTY_ROLE>delivery</PARTY_ROLE>
          <ADDRESS>
            <ns2:NAME>Sample AG</ns2:NAME>
            <ns2:NAME2>Department X</ns2:NAME2>
            <ns2:NAME3>CHN 34.5</ns2:NAME3>
            <CONTACT_DETAILS>
              <ns2:CONTACT_NAME>M. Muster</ns2:CONTACT_NAME>
            </CONTACT_DETAILS>
            <ns2:STREET>Mustergasse 1</ns2:STREET>
            <ns2:ZIP>8000</ns2:ZIP>
            <ns2:CITY>Zürich</ns2:CITY>
            <ns2:COUNTRY>CH</ns2:COUNTRY>
          </ADDRESS>
        </PARTY>
        <PARTY>
          <ns2:PARTY_ID type="supplier_specific">666666</ns2:PARTY_ID>
          <PARTY_ROLE>supplier</PARTY_ROLE>
          <ADDRESS>
            <ns2:NAME>BRACK.CH AG</ns2:NAME>
            <ns2:STREET>Hintermättlistr. 3</ns2:STREET>
            <ns2:ZIP>5506</ns2:ZIP>
            <ns2:CITY>Mägenwil</ns2:CITY>
            <ns2:COUNTRY>CH</ns2:COUNTRY>
            <ns2:VAT_ID>CHE-191.398.369 MWST</ns2:VAT_ID>
            <ns2:PHONE type="office">062 889 80 80</ns2:PHONE>
          </ADDRESS>
        </PARTY>
      </PARTIES>
      <ORDER_PARTIES_REFERENCE>
        <ns2:BUYER_IDREF type="supplier_specific">444444</ns2:BUYER_IDREF>
        <ns2:SUPPLIER_IDREF type="supplier_specific">666666</ns2:SUPPLIER_IDREF>
      </ORDER_PARTIES_REFERENCE>
      <ns2:CURRENCY>CHF</ns2:CURRENCY>
    </ORDERRESPONSE_INFO>
  </ORDERRESPONSE_HEADER>
  <ORDERRESPONSE_ITEM_LIST>
    <ORDERRESPONSE_ITEM>
      <LINE_ITEM_ID>10</LINE_ITEM_ID>
      <PRODUCT_ID>
        <ns2:SUPPLIER_PID type="supplier_specific">1513</ns2:SUPPLIER_PID>
        <ns2:INTERNATIONAL_PID type="ean">7613081045766</ns2:INTERNATIONAL_PID>
        <ns2:DESCRIPTION_SHORT lang="ger">TestArtikel</ns2:DESCRIPTION_SHORT>
        <MANUFACTURER_INFO>
          <ns2:MANUFACTURER_PID>F00354</ns2:MANUFACTURER_PID>
        </MANUFACTURER_INFO>
```

```
        </PRODUCT_ID>
        <QUANTITY>1</QUANTITY>
        <ns2:ORDER_UNIT>C62</ns2:ORDER_UNIT>
        <PRODUCT_PRICE_FIX>
          <ns2:PRICE_AMOUNT>2.76</ns2:PRICE_AMOUNT>
        </PRODUCT_PRICE_FIX>
        <PRICE_LINE_AMOUNT>2.76</PRICE_LINE_AMOUNT>
        <DELIVERY_DATE type="fixed">
          <DELIVERY_START_DATE>2023-02-08T00:00:00</DELIVERY_START_DATE>
          <DELIVERY_END_DATE>2023-02-09T00:00:00</DELIVERY_END_DATE>
        </DELIVERY_DATE>
      </ORDERRESPONSE_ITEM>
    </ORDERRESPONSE_ITEM_LIST>
    <ORDERRESPONSE_SUMMARY>
      <TOTAL_ITEM_NUM>1</TOTAL_ITEM_NUM>
      <TOTAL_AMOUNT>2.76</TOTAL_AMOUNT>
    </ORDERRESPONSE_SUMMARY>
  </ORDERRESPONSE>
</OPENTRANS>
```

Glossary

sku

Stock Keeping Unit, product id by competec.

ean

European Article Number.