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1 Electronic document processing

The interchange of business documents as hard copies entails high costs for paper, postal charges, manual data input in computer systems by employees, storage or archiving of documents and a huge loss of time through transportation or processing times. That is why Mercateo AG endeavors to facilitate automated and smooth interchange of business documents.

This documentation describes the various transaction processes and associated business documents which may be used in electronic document processing between the contractor (supplier) and Mercateo. These business transactions include purchase orders, order responses, dispatch notifications, or invoices. To map these documents in a machine-readable format, various standards are supported, both for document formats and communication or transmission methods.

Specifically, refer to Sections 5, 6 where specifics as applied at Mercateo are described.

2 Overview of the types of EDI

Mercateo will provide various interfaces for the sending or receiving of electronic business documents.

2.1 Outgoing documents

- Purchase orders

2.2 Incoming documents

- Order responses (including delivery dates and variations in prices, if applicable),
- Dispatch notifications (including delivery dates, package numbers, serial numbers),
- Invoices (signed)

3 Supported formats and transport protocols

It is the objective of Mercateo AG to provide straightforward, fast and flexible hook-up of the most varied systems or data formats of our business partners. That is why we support the following formats and transport protocols:
3.1 Supported formats

- XML and derivatives such as
  - openTRANS,
  - chemXML,
  - ebXML,
  - xCBL,
  - cXML,
  - SAP-XML,
  - or similar,
- SAP: Plain SAP-IDOC, SAP-XML
- EDIFACT (all language versions),
- record types (CSV),
- others upon request

3.2 Supported protocols

- FTP and FTP-S,
- HTTP and HTTPS,
- POP/SMTP,
- AS2,
- and others upon request

If you do not propose a format of your own, we recommend to use openTRANS. For a more detailed description refer to Section 9. Just contact us.

4 Procedure of the hook-up

1st phase: initial contact
In an initial contact, the EDI team of Mercateo will be pleased to advise you, and you will be welcome to send us a description of the interface of your potential formats. After that, we will mutually agree the format of the documents and the transportation protocol for the respective interface.

2nd phase: development
A testing environment will be set up at Mercateo and preferably at your organization such as to generate test documents. Access will be provided at either end (HTTP, FTP, mail) to which the test documents will then be sent. After that, conversion will be set up at Mercateo based on test files. It may be necessary to make corrections to the documents sent.

3rd phase: Quality assurance
This phase is closely linked to the development phase. The respective interface including agreed accesses will be jointly tested.

4th phase: going live
Once the tests have been successfully completed, conversion will be set up in the live system at Mercateo. After that, the accesses for the transmission of the real documents will be set up.
5 Specifics of Mercateo ordering references in all types of EDI

Mercateo AG is a market place for business customers. When a customer buys from Mercateo, Mercateo will buy the respective goods from a respective supplier, and have them supplied and delivered straight to the customer with the invoice, however, being issued to Mercateo. The customer will receive an invoice from Mercateo.

To place a purchase order with Mercateo, large businesses generate an own order number in their system. They will then transmit this order number to Mercateo to be printed on the package, the delivery note, and the invoice. Upon receipt of a purchase order, Mercateo will itself generate an order number in its own system, which will then be output to the supplier as a reference and which must also be printed on the delivery note and the invoice.

Thus, the Mercateo order number is two-part. As a supplier, you should be able to search for both parts of this number separately in the system. Ideally, you will also be able to search for the key account order number.

For transmission of the key account order number, Mercateo uses the third address line or ALT_CUSTOMER_ORDER_ID in the openTRANS format as a standard feature. The Mercateo order number will be transferred in the ORDER_ID field in the openTRANS format.

Please contact us for detailed coordination or if you prefer transmission in other fields.

6 Specifics for dispatch notification

Please be sure to indicate the package number or Track & Trace number for the shipment respectively in your dispatch notification. It will then be taken over in the system by Mercateo so as to be able to quickly trace the status of the roll-out for the customer.

 Provision of the serial numbers of the items will be a major benefit when processing return consignments, if any.

7 Specifics for EDI invoice

For acceptance by the tax authority or revenue service, a secure transmission of invoices is required.

- Qualified electronic signature
  A qualified electronic signature is coupled to strict requirements by the legislator such that a signature card from a respective certified provider is required in practice. With this type of signature, it will be possible to verify whether or not the signature was valid at the time of signing the document for a period of no less than ten (10) years from the generation of the signature. This type of signature will facilitate the transmission of any format. It must be possible to display the data in a machine-readable format upon auditing or verification.
Simple electronic signature
A simple electronic signature will guarantee the intact receipt of the documents by the recipient. This signature variant is only allowed for AS1 or AS2. Here, the data are provided with a simple digital signature through electronic mail or HTTP for transmission to the business partner. Prior to using this solution, both companies must enter into a contract with each other regarding the operating expenditures.

Please contact us should you have any questions regarding this procedure or if you prefer other transmission paths.

8 Transfer of documents

8.1 Transfer of outgoing documents

The purchase order can be transferred by way of HTTP or electronic mail.

8.1.1 HTTP / HTTPS
Transfer of the ORDER by way of HTTP-POST-Request to the target URL specified by you.

8.1.2 Electronic mail
Transfer as plain text and / or HTML electronic mail including ORDER attachment to the target electronic mail address specified by you for automated processing.

8.2 Transfer of incoming documents

The documents of Order Response, Dispatch Notification and Invoice can be transmitted by way of HTTP, FTP or electronic mail respectively.

8.2.1 FTP

To receive the documents, Mercateo AG will provide FTP client and FTP server. Access data will be interchanged during the hook-up phase.

8.2.2 HTTP / HTTPS

To receive the documents, Mercateo will provide a HTTP interface.

Comment: The target URL for the transmission of the documents will be communicated to you in the hook-up phase.
8.2.3 AS2

AS2 has been already mentioned in Section 7 and will be mainly used for invoices.

AS2 is based on the HTTP transport protocol and specifies how to connect with each other and how to validate, send or acknowledge messages. It creates an envelope for a message which is then sent in a secure manner via the Internet. Authorship is guaranteed through digital signatures, and data integrity is guaranteed through encoding. The sender (the supplier in this instance) will receive a digital acknowledgement of receipt from the AS2 Protocol, in the AS language also known as Message Disposition Notification (MDN), through which the sender can prove timely service.

8.2.4 Electronic mail

The electronic mail address will be communicated to you in the hook-up phase.

Comments regarding electronic mail transmission:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description / note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiving address</td>
<td>Will be communicated in the hook-up phase</td>
</tr>
<tr>
<td>Subject</td>
<td>To begin with &quot;(OrderResponse</td>
</tr>
<tr>
<td>Electronic mail text</td>
<td>Will not be evaluated</td>
</tr>
<tr>
<td>Attachment</td>
<td>One or several {openTRANS-ORDERRESPONSE</td>
</tr>
</tbody>
</table>
9 openTrans

If you are not as yet in a position to offer a format of your own, we recommend to use openTRANS.

For more detailed information refer to the specifications and sample documents (including XSD and DTD description files) provided on the website www.opentrans.org in the download area.

9.1 Purchase order

Outgoing purchase orders are available in the openTRANS Version 1 format and contain all the data relevant to the purchase.

-- For a sample document refer to Section 10.1.

The following data must be taken into account for processing:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORDER_INFO/ORDER_ID</td>
<td>Mercateo order reference number (to be quoted for each subsequent transaction).</td>
</tr>
<tr>
<td>ORDER_INFO/ORDER_PARTIES/BUYER_PARTY</td>
<td>Mercateo buyer details including customer number (PARTY ID) or variable sales tax identification number (VAT ID) as a function of the supplier country (intra-Community trade).</td>
</tr>
<tr>
<td>ORDER_INFO/ORDER_PARTIES/SUPPLIER_PARTY</td>
<td>Vendor details including your Mercateo supplier number (PARTY ID); the supplier number must be quoted for each subsequent transaction.</td>
</tr>
<tr>
<td>ORDER_INFO/ORDER_PARTIES/INVOICE_PARTY</td>
<td>Mercateo invoice recipient data (identically equal to BUYER_PARTY).</td>
</tr>
<tr>
<td>ORDER_INFO/ORDER_PARTIES/SHIPMENT_PARTIES/DELIVERY_PARTY</td>
<td>Delivery address for the goods ordered.</td>
</tr>
<tr>
<td>ORDER_ITEM/LINE_ITEM_ID</td>
<td>Order line item number (to be quoted for each subsequent transaction (DISPATCHNOTIFICATION/INVOICE).</td>
</tr>
<tr>
<td>ORDER_ITEM/ARTICLE_ID/SUPPLIER_AID</td>
<td>Supplier-specific article number according to the catalog.</td>
</tr>
<tr>
<td>ORDER_ITEM/ARTICLE_ID/BUYER_AID type=&quot;meerkat&quot;</td>
<td>Buyer-specific article number.</td>
</tr>
<tr>
<td>ORDER_ITEM/QUANTITY</td>
<td>Quantity ordered.</td>
</tr>
<tr>
<td>ORDER_ITEM/ARTICLE_PRICE/PRICE_AMOUNT</td>
<td>Line item unit price per price quantity (PRICE QUANTITY).</td>
</tr>
<tr>
<td>ORDER_ITEM/ARTICLE_PRICE/PRICE_LINE_AMOUNT</td>
<td>Line item total (QUANTITY * PRICE AMOUNT / PRICE QUANTITY).</td>
</tr>
</tbody>
</table>
9.2 Order response

To acknowledge the receipt of the purchase order and/or to indicate deviations from the purchase order, if any, you can send an openTRANS-ORDERRESPONSE to Mercateo. This can be sent immediately following the receipt of the purchase order, or at a later time, for example if a delay in the delivery date must be communicated subsequently.

-- For a sample document refer to Section 10.2.

The following details must be transmitted according to the purchase ORDER sent:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description / note</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORDERRESPONSE_INFO/ORDER_ID</td>
<td>Mercateo order reference number</td>
</tr>
<tr>
<td>ORDERRESPONSE_ITEM/ARTICLE_ID/SUPPLIER_AID</td>
<td>Article number according to Mercateo purchase order</td>
</tr>
<tr>
<td>ORDERRESPONSE_ITEM/QUANTITY</td>
<td>Confirmed delivery quantity (may deviate from the purchase order)</td>
</tr>
</tbody>
</table>

In addition to the mandatory information, the following details will be useful for further order processing:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description / note</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORDERRESPONSE_INFO/SUPPLIER_ORDER_ID</td>
<td>Your order number for further inquiries by Mercateo, if any</td>
</tr>
<tr>
<td>ORDERRESPONSE_INFO/DELIVERY_DATE</td>
<td>Estimated or fixed delivery date on header level</td>
</tr>
<tr>
<td>ORDERRESPONSE_ITEM/ARTICLE_PRICE</td>
<td>Purchase price deviations as compared to the purchase order, if any</td>
</tr>
<tr>
<td>ORDERRESPONSE_ITEM/DELIVERY_DATE</td>
<td>Estimated or fixed delivery date on line item level, if any deviations as compared to the header information</td>
</tr>
</tbody>
</table>
9.3 Dispatch notification

To confirm the shipping of goods (or performance of services), an openTRANS DISPATCHNOTIFICATION can be sent to Mercateo. This document will also include the Track & Trace number of the logistics contractor. This will enable Mercateo answer questions from the customer regarding the status of the purchase without first having to consult the supplier. This will automate time-consuming manual processes both at the supplier’s organization and at Mercateo.

-- For a sample document refer to Section 10.3.

The following information must be observed for generation:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description / note</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISPATCHNOTIFICATION_INFO/DISPACHNOTIFICATION_ID</td>
<td>Dispatch notification number</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/DISPACHNOTIFICATION_DATE</td>
<td>Dispatch notification date</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/BUYER_PARTY</td>
<td>Buyer</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/SUPPLIER_PARTY/PARTY_ID type=&quot;buyer_specific&quot;</td>
<td>Your supplier number with Mercateo; for the sake of completeness, the full supplier address should be backed up in the ADDRESS element.</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/SHIPMENT_PARTIES/DELIVERY_PARTY</td>
<td>Consignee</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/SHIPMENT_PARTIES/TRANSPORT_PARTY</td>
<td>Transport / logistics contractor</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_INFO/PACKAGE_INFO</td>
<td>Information regarding the package number / packaging number and type of packaging</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_ITEM/ARTICLE_ID/SUPPLIER_AID</td>
<td>Article number according to the Mercateo purchase order</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_ITEM/DELIVERY_DATE</td>
<td>Indication of the date of the performance of services if different from the indication in the header information</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_ITEM/ORDER_REFERENCE/ORDER_ID</td>
<td>Reference to the Mercateo purchase order number</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_ITEM/ORDER_REFERENCE/LINE_ITEM_ID</td>
<td>Reference to the line item number of the Mercateo purchase order</td>
</tr>
<tr>
<td>DISPATCHNOTIFICATION_ITEM/PACKAGE_INFO</td>
<td>Information regarding the package number / packaging number and type of packaging if different from the indication in the header information</td>
</tr>
</tbody>
</table>

9.4 Invoice

Invoicing to Mercateo should occur shortly after the service has been rendered (the goods have been shipped) to the customer. To guarantee fast and automated processing of your invoice, the invoice should be issued in the openTRANS-INVOICE format.

-- For a sample document refer to Section 10.4.

-- Please note: Secure transmission is required for recognition by the tax office. This is described in Section 6.
The following information must be observed for generation:

<table>
<thead>
<tr>
<th>Element</th>
<th>Description / note</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Header information</strong></td>
<td></td>
</tr>
<tr>
<td>INVOICE_INFO/INVOICE_ID</td>
<td>Invoice number</td>
</tr>
<tr>
<td>INVOICE_INFO/INVOICE_DATE</td>
<td>Billing date</td>
</tr>
<tr>
<td>INVOICE_INFO/Delivery_DATE</td>
<td>Date of the performance of services in the header (can be overwritten on line item level)</td>
</tr>
<tr>
<td>INVOICE_INFO/Buyer_PARTY</td>
<td>Buyer</td>
</tr>
<tr>
<td>INVOICE_INFO/SUPPLIER_PARTY/PARTY_ID type=&quot;buyer_specific&quot;</td>
<td>Your supplier number with Mercateo; for the sake of completeness, the full address of the issuer of the invoice should be backed up in the ADDRESS element.</td>
</tr>
<tr>
<td>INVOICE_INFO/INVOICE_PARTY</td>
<td>Invoice recipient</td>
</tr>
<tr>
<td><strong>Line item data</strong></td>
<td></td>
</tr>
<tr>
<td>INVOICE_ITEM/ARTICLE_ID/SUPPLIER_AID</td>
<td>Article number according to the Mercateo purchase order</td>
</tr>
<tr>
<td>INVOICE_ITEM/ARTICLE_PRICE/TAX</td>
<td>Indication of the rate of taxation for the invoice line item</td>
</tr>
<tr>
<td>INVOICE_ITEM/Delivery_REFERENCE/Delivery_DATE</td>
<td>Indication of the date of performance of the service</td>
</tr>
<tr>
<td>INVOICE_ITEM/ORDER_REFERENCE/ORDER_ID</td>
<td>Reference to the Mercateo order number</td>
</tr>
<tr>
<td>INVOICE_ITEM/ORDER_REFERENCE/LINE_ITEM_ID</td>
<td>Reference to the purchase order line item of the Mercateo purchase order</td>
</tr>
</tbody>
</table>

10 openTRANS - sample documents

The sample documents backed up on the following pages reflect the minimum requirements of the openTRANS standard, and include some additional information to facilitate order processing and / or to provide added value information (such as package numbers). In the specification documents for openTRANS, it is described in detail which information is mandatory and which is optional respectively.
10.1 ORDER – purchase order

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ORDER xmlns="http://www.opentrans.org/opentrans/1.0/opentrans_order" type="standard" version="1.0">
  <ORDER_HEADER>
    <CONTROL_INFO>
      <GENERATOR_INFO>com.mercateo.mix.opentrans.mapping.OpenTransOrderMapper</GENERATOR_INFO>
      <GENERATION_DATE>2009-03-19T14:10:13.996+02:00</GENERATION_DATE>
    </CONTROL_INFO>
    <ORDER_INFO>
      <ORDER_ID>90908395-4500009010</ORDER_ID>
      <ALT_CUSTOMER_ORDER_ID>90908395</ALT_CUSTOMER_ORDER_ID>
      <ORDER_DATE>2009-03-19</ORDER_DATE>
      <ORDER_PARTIES>
        <BUYER_PARTY>
          <PARTY_ID type="supplier_specific">CID123456</PARTY_ID>
          <ADDRESS>
            <NAME>Mercateo AG</NAME>
            <STREET>PO Box 1460</STREET>
            <ZIP>06354</ZIP>
            <CITY>Köthen</CITY>
            <COUNTRY>GERMANY</COUNTRY>
            <VAT_ID>DE205372170</VAT_ID>
            <PHONE type="office">01805 - 470 000</PHONE>
            <FAX>01805 - 404 986</FAX>
          </ADDRESS>
        </PARTY>
        <SUPPLIER_PARTY>
          <PARTY_ID type="buyer_specific">9999</PARTY_ID>
          <ADDRESS>
            <NAME>123 Supplies GmbH</NAME>
            <STREET>Logistics drive 1a</STREET>
            <ZIP>99999</ZIP>
            <CITY>supplier's town</CITY>
          </ADDRESS>
        </PARTY>
        <INVOICE_PARTY>
          <PARTY_ID type="supplier_specific">CID123456</PARTY_ID>
          <ADDRESS>
            <NAME>Mercateo AG</NAME>
            <STREET>PO Box 1460</STREET>
            <ZIP>06354</ZIP>
            <CITY>Köthen</CITY>
            <COUNTRY>GERMANY</COUNTRY>
            <VAT_ID>DE205372170</VAT_ID>
            <PHONE type="office">01805 - 470 000</PHONE>
            <FAX>01805 - 404 986</FAX>
          </ADDRESS>
        </PARTY>
        <SHIPMENT_PARTIES>
          <DELIVERY_PARTY>
            <PARTY>
              <ADDRESS>
                <NAME>We Buy Everything Ltd.</NAME>
                <NAME2>Jane Doe</NAME2>
                <STREET>Supply street 5</STREET>
                <ZIP>99912</ZIP>
                <CITY>consignee's town</CITY>
                <COUNTRY>GERMANY</COUNTRY>
              </ADDRESS>
            </PARTY>
          </DELIVERY_PARTY>
        </SHIPMENT_PARTIES>
      </ORDER_PARTIES>
      <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
      <TERMS_AND_CONDITIONS>terms and conditions</TERMS_AND_CONDITIONS>
    </ORDER_INFO>
  </ORDER_HEADER>
</ORDER>
```
<ORDER_ITEM_LIST>
  <ORDER_ITEM>
    <LINE_ITEM_ID>00010</LINE_ITEM_ID>
    <ARTICLE_ID>
      <SUPPLIER_AID>2233509</SUPPLIER_AID>
      <BUYER_AID type="meerkat">111-223350901</BUYER_AID>
      <DESCRIPTION_SHORT>hard disk Scorpio 2.5" 120GB</DESCRIPTION_SHORT>
    </ARTICLE_ID>
    <QUANTITY>1</QUANTITY>
    <ORDER_UNIT>number of units</ORDER_UNIT>
    <ARTICLE_PRICE type="net_list">
      <PRICE_AMOUNT>77.81</PRICE_AMOUNT>
      <PRICE_LINE_AMOUNT>77.81</PRICE_LINE_AMOUNT>
    </ARTICLE_PRICE>
    <DELIVERY_DATE type="optional">
      <DELIVERY_START_DATE>2009-03-19</DELIVERY_START_DATE>
      <DELIVERY_END_DATE>2009-03-19</DELIVERY_END_DATE>
    </DELIVERY_DATE>
  </ORDER_ITEM>
  <ORDER_ITEM>
    <LINE_ITEM_ID>00020</LINE_ITEM_ID>
    <ARTICLE_ID>
      <SUPPLIER_AID>DISPATCH-123 SUPPLIES</SUPPLIER_AID>
      <BUYER_AID type="meerkat">V-123SUP@4</BUYER_AID>
      <DESCRIPTION_SHORT>shipping costs 123 Supplies</DESCRIPTION_SHORT>
    </ARTICLE_ID>
    <QUANTITY>1</QUANTITY>
    <ORDER_UNIT>Value</ORDER_UNIT>
    <ARTICLE_PRICE type="net_customer">
      <PRICE_AMOUNT>5.5</PRICE_AMOUNT>
      <PRICE_LINE_AMOUNT>5.5</PRICE_LINE_AMOUNT>
    </ARTICLE_PRICE>
    <DELIVERY_DATE type="optional">
      <DELIVERY_START_DATE>2009-03-19</DELIVERY_START_DATE>
      <DELIVERY_END_DATE>2009-03-19</DELIVERY_END_DATE>
    </DELIVERY_DATE>
  </ORDER_ITEM>
</ORDER_ITEM_LIST>

<ORDER_SUMMARY>
  <TOTAL_ITEM_NUM>2</TOTAL_ITEM_NUM>
  <TOTAL_AMOUNT>83.31</TOTAL_AMOUNT>
</ORDER_SUMMARY>
10.2 ORDER_RESPONSE – confirmation of order

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ORDERRESPONSE xmlns="http://www.opentrans.org/XMLSchema/1.0">
  <ORDERRESPONSE_HEADER>
    <CONTROL_INFO>
      <GENERATOR_INFO>SupplierGenerator</GENERATOR_INFO>
      <GENERATION_DATE>2009-03-19</GENERATION_DATE>
    </CONTROL_INFO>
    <ORDERRESPONSE_INFO>
      <ORDER_ID>90808395-4500909010</ORDER_ID>
      <SUPPLIER_ORDER_ID>OR123789A</SUPPLIER_ORDER_ID>
      <ORDER_DATE>2009-03-19</ORDER_DATE>
      <ORDERRESPONSE_DATE>2009-03-19</ORDERRESPONSE_DATE>
      <DELIVERY_DATE type="optional">
        <DELIVERY_START_DATE>2009-03-30</DELIVERY_START_DATE>
        <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
      </DELIVERY_DATE>
      <ORDER_PARTIES>
        <BUYER_PARTY>
          <PARTY>
            <PARTY_ID type="supplier_specific">CID123456</PARTY_ID>
            <ADDRESS>
              <NAME>Mercateo AG</NAME>
              <STREET>PO Box 1460</STREET>
              <ZIP>06354</ZIP>
              <CITY>Köthen</CITY>
              <COUNTRY>GERMANY</COUNTRY>
              <VAT_ID>DE205372170</VAT_ID>
              <PHONE type="office">01805-404986</PHONE>
              <FAX>01805-404986</FAX>
            </ADDRESS>
          </PARTY>
        </BUYER_PARTY>
        <SUPPLIER_PARTY>
          <PARTY>
            <PARTY_ID type="buyer_specific">9999</PARTY_ID>
            <ADDRESS>
              <NAME>123 Supplies GmbH</NAME>
              <STREET>Logistics drive 1a</STREET>
              <ZIP>99999</ZIP>
              <CITY>supplier's town</CITY>
            </ADDRESS>
          </PARTY>
        </SUPPLIER_PARTY>
      </ORDER_PARTIES>
      <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
    </ORDERRESPONSE_INFO>
    <ORDERRESPONSE_ITEM_LIST>
      <ORDERRESPONSE_ITEM>
        <LINE_ITEM_ID>1</LINE_ITEM_ID>
        <ARTICLE_ID>
          <SUPPLIER_AID>2233509</SUPPLIER_AID>
          <BUYER_AID type="meerkat">111-2233509@1</BUYER_AID>
          <DESCRIPTION_SHORT>hard disk Scorpio 2.5" 120GB</DESCRIPTION_SHORT>
          <ARTICLE_PRICE type="net_list">
            <PRICE_AMOUNT>77.81</PRICE_AMOUNT>
            <PRICE_LINE_AMOUNT>77.81</PRICE_LINE_AMOUNT>
            <TAX>0.19</TAX>
          </ARTICLE_PRICE>
        </ARTICLE_ID>
        <DELIVERY_DATE type="optional">
          <DELIVERY_START_DATE>2009-03-30</DELIVERY_START_DATE>
          <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
        </DELIVERY_DATE>
      </ORDERRESPONSE_ITEM>
      <ORDERRESPONSE_ITEM>
        <LINE_ITEM_ID>2</LINE_ITEM_ID>
        <ARTICLE_ID>
          <SUPPLIER_AID>DISPATCH-123 SUPPLIES</SUPPLIER_AID>
          <BUYER_AID type="meerkat">V-123SUP@4</BUYER_AID>
        </ARTICLE_ID>
        <DELIVERY_DATE type="optional">
          <DELIVERY_START_DATE>2009-03-30</DELIVERY_START_DATE>
          <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
        </DELIVERY_DATE>
      </ORDERRESPONSE_ITEM>
    </ORDERRESPONSE_ITEM_LIST>
  </ORDERRESPONSE_HEADER>
</ORDERRESPONSE>
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<DESCRIPTION_SHORT>shipping costs 123 Supplies</DESCRIPTION_SHORT>

<ARTICLE_ID></ARTICLE_ID>

<QUANTITY>1</QUANTITY>

<ORDER_UNIT>C62</ORDER_UNIT>

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  <PRICE_LINE_AMOUNT>5.5</PRICE_LINE_AMOUNT>
  <TAX>0.19</TAX>
</ARTICLE_PRICE>

<DELIVERY_DATE type="optional">
  <DELIVERY_START_DATE>2009-03-30</DELIVERY_START_DATE>
  <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
</DELIVERY_DATE>

<OrderResponse_Item>
  <ORDERRESPONSE_ITEM_LIST></ORDERRESPONSE_ITEM_LIST>
  <ORDERRESPONSE_SUMMARY></ORDERRESPONSE_SUMMARY>
  <TOTAL_ITEM_NUM>2</TOTAL_ITEM_NUM>
</ORDERRESPONSE_ITEM>

<OrderResponse></ORDERRESPONSE>
10.3 DISPATCHNOTIFICATION – dispatch notification

```xml
<?xml version="1.0" encoding="UTF-8"?>
<DISPATCHNOTIFICATION xmlns="http://www.opentrans.org/XMLSchema/1.0" version="1.0">
  <DISPATCHNOTIFICATION_HEADER>
    <CONTROL_INFO>
      <GENERATOR_INFO>SupplierGenerator</GENERATOR_INFO>
      <GENERATION_DATE>2009-03-30</GENERATION_DATE>
    </CONTROL_INFO>
    <DISPATCHNOTIFICATION_INFO>
      <DISPATCHNOTIFICATION_ID>DN123789A</DISPATCHNOTIFICATION_ID>
      <DISPATCHNOTIFICATION_DATE>2009-03-30</DISPATCHNOTIFICATION_DATE>
      <BUYER_PARTY>
        <PARTY>
          <PARTY_ID type="supplier_specific">CID123456</PARTY_ID>
          <ADDRESS>
            <NAME>Mercateo AG</NAME>
            <STREET>PO Box 1460</STREET>
            <ZIP>06354</ZIP>
            <CITY>Köthen</CITY>
            <COUNTRY>GERMANY</COUNTRY>
            <VAT_ID>DE205372170</VAT_ID>
            <PHONE type="office">01805 - 470 000</PHONE>
            <FAX>01805 - 404 986</FAX>
          </ADDRESS>
        </PARTY>
      </BUYER_PARTY>
      <SUPPLIER_PARTY>
        <PARTY>
          <PARTY_ID type="buyer_specific">9999</PARTY_ID>
          <ADDRESS>
            <NAME>123 Supplies GmbH</NAME>
            <STREET>Logistics drive 1a</STREET>
            <ZIP>99999</ZIP>
            <CITY>supplier's town</CITY>
            <COUNTRY>GERMANY</COUNTRY>
          </ADDRESS>
        </PARTY>
      </SUPPLIER_PARTY>
      <SHIPMENT_PARTIES>
        <DELIVERY_PARTY>
          <PARTY>
            <ADDRESS>
              <NAME>We Buy Everything Ltd.</NAME>
              <NAME2>Jane Doe</NAME2>
              <STREET>Supply street 5</STREET>
              <ZIP>99912</ZIP>
              <CITY>consignee's town</CITY>
              <COUNTRY>GERMANY</COUNTRY>
            </ADDRESS>
          </PARTY>
        </DELIVERY_PARTY>
        <TRANSPORT_PARTY>
          <PARTY>
            <PARTY_ID type="ln">1234567890123</PARTY_ID>
            <ADDRESS>
              <NAME>TLT</NAME>
              <NAME2>Three Letter Transport</NAME2>
            </ADDRESS>
          </PARTY>
        </TRANSPORT_PARTY>
      </SHIPMENT_PARTIES>
      <PACKAGE_INFO>
        <PACKAGE_ID>TLT-PID-12388299123098213</PACKAGE_ID>
        <LINE_ITEM_ID>1</LINE_ITEM_ID>
        <ARTICLE_ID>hard disk Scorpio 2.5" 120GB</ARTICLE_ID>
      </PACKAGE_INFO>
    </DISPATCHNOTIFICATION_INFO>
  </DISPATCHNOTIFICATION_HEADER>
</DISPATCHNOTIFICATION>
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<DISPATCHNOTIFICATION_ITEM>
  <LINE_ITEM_ID>2</LINE_ITEM_ID>
  <ARTICLE_ID>
    <SUPPLIER_AID>DISPATCH-123 SUPPLIES</SUPPLIER_AID>
    <BUYER_AID type="meerkat">V-123SUP@4</BUYER_AID>
    <DESCRIPTION_SHORT>shipping costs 123 Supplies</DESCRIPTION_SHORT>
  </ARTICLE_ID>
  <QUANTITY>1</QUANTITY>
  <ORDER_UNIT>C62</ORDER_UNIT>
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    <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
  </DELIVERY_DATE>
  <ORDER_REFERENCE>
    <ORDER_ID>90908395-4500009010</ORDER_ID>
    <LINE_ITEM_ID>00020</LINE_ITEM_ID>
  </ORDER_REFERENCE>
</DISPATCHNOTIFICATION_ITEM>
</DISPATCHNOTIFICATION_ITEM_LIST>
<DISPATCHNOTIFICATION_SUMMARY>
  <TOTAL_ITEM_NUM>2</TOTAL_ITEM_NUM>
</DISPATCHNOTIFICATION_SUMMARY>
</DISPATCHNOTIFICATION>
10.4 INVOICE – invoice

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

<INVOICE xmlns="http://www.opentrans.org/opentrans/1.0/opentrans_invoice" version="1.0">
  <INVOICE_HEADER>
    <INVOICE_INFO>
      <INVOICE_ID>INV123789A</INVOICE_ID>
      <INVOICE_DATE>2009-04-01</INVOICE_DATE>
      <DELIVERY_DATE type="fixed">
        <DELIVERY_START_DATE>2009-03-30</DELIVERY_START_DATE>
        <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
      </DELIVERY_DATE>
      <SUPPLIER_PARTY>
        <PARTY>
          <PARTY_ID type="buyer_specific">9999</PARTY_ID>
          <ADDRESS>
            <NAME>123 Supplies GmbH</NAME>
            <STREET>Logistics drive 1a</STREET>
            <ZIP>99999</ZIP>
            <CITY>supplier's town</CITY>
          </ADDRESS>
        </PARTY>
      </SUPPLIER_PARTY>
      <INVOICE_PARTY>
        <PARTY>
          <PARTY_ID type="supplier_specific">CID123456</PARTY_ID>
          <ADDRESS>
            <NAME>Mercateo AG</NAME>
            <STREET>P O Box 1460</STREET>
            <ZIP>06354</ZIP>
            <CITY>Köthen</CITY>
            <COUNTRY>GERMANY</COUNTRY>
            <VAT_ID>DE205372170</VAT_ID>
            <PHONE type="office">01805 - 470 000</PHONE>
            <FAX>01805 - 404 986</FAX>
          </ADDRESS>
        </PARTY>
      </INVOICE_PARTY>
    </INVOICE_INFO>
    <PRICE_CURRENCY>EUR</PRICE_CURRENCY>
  </INVOICE_HEADER>
  <INVOICE_ITEM_LIST>
    <INVOICE_ITEM>
      <LINE_ITEM_ID>1</LINE_ITEM_ID>
      <ARTICLE_ID>
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        <BUYER_AID type="meerkat">111-2233509@1</BUYER_AID>
        <DESCRIPTION_SHORT>hard disk Scorpio 2.5" 120GB</DESCRIPTION_SHORT>
      </ARTICLE_ID>
      <QUANTITY>1</QUANTITY>
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        <PRICE_AMOUNT>77.81</PRICE_AMOUNT>
        <PRICE_LINE_AMOUNT>77.81</PRICE_LINE_AMOUNT>
        <TAX>0.19</TAX>
      </ARTICLE_PRICE>
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      </ORDER_REFERENCE>
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          <DELIVERY_END_DATE>2009-03-30</DELIVERY_END_DATE>
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        <DELIVERY_DATE>
          <DELIVERY_REFERENCE>
            <LINE_ITEM_ID>2</LINE_ITEM_ID>
          </DELIVERY_REFERENCE>
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        <LINE_ITEM_ID>2</LINE_ITEM_ID>
        <ARTICLE_ID>
          <SUPPLIER_AID DISPATCH-123 SUPPLIES</SUPPLIER_AID>
          <BUYER_AID type="meerkat">V-123SUP@4</BUYER_AID>
        </ARTICLE_ID>
      </INVOICE_ITEM>
    </INVOICE_ITEM>
  </INVOICE_ITEM_LIST>
</INVOICE>
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<ARTICLE_ID>

<QUANTITY>1</QUANTITY>

<ORDER_UNIT>C62</ORDER_UNIT>

<PRICE AMOUNT>5.5</PRICE AMOUNT>

<PRICE_LINE_AMOUNT>5.5</PRICE_LINE_AMOUN

<TAX>0.19</TAX>

<ARTICLE_PRICE>

<ORDER_REFERENCE>

<ORDER_ID>90908395-4500009010</ORDER_ID>

<LINE_ITEM_ID>00020</LINE_ITEM_ID>

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<DELIVERY_NOTE_ID>DN123789A</DELIVERY_NOTE_ID>

<LINE_ITEM_ID>2</LINE_ITEM_ID>

<DELIVERY_DATE type="fixed"/>

<DELIVERY_REFERENCE>

</DELIVERY_NOTE_ID>

</DELIVERY_DATE>

</DELIVERYREFERENCE>

</ORDER_REFERENCE>

</INVOICE_ITEM>

<INVOICE_ITEM_LIST>

<INVOICE_SUMMARY>

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<TOTAL_AMOUNT>83.31</TOTAL_AMOUNT>

<TOTAL_TAX_AMOUNT>15.83</TOTAL_TAX_AMOUNT>

</INVOICE_SUMMARY>

</INVOICE>