

# eOrder

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## Message definition

### About this document

The document is describing the "Order message" as defined by NAF-Data AS. Selected message format is XML. The structure of the XML message and details of all data elements and attributes are described.

### Disclaimer

This specification can be change on short notice.

### Terminology

The terms element (xml-element) and tag (xml-tag) are synonymes.  
An attribute is information related to an element.

### Structure

The message structure is shown below. The main element <OrderMessage> contains all elements. The information between <OrderMessage> and </OrderMessage> is describing a transfer of one or more order(s). One message can only contain one <OrderMessage> element. Please observe that an <OrderMessage> can contain more than one <Order> elements and an <Order> element can contain more than one <OrderLine> element.

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<OrderMessage>
  <Envelope>
    <Message>
      <ID>Data</ID>
      <Type>Data</Type>
    <FromSystem>
      <ID>
      <Name>
      <DecimalPoint>
      <Software>
        <ProductName>
        <ProductVersion>
        <Company>
      </Software>
    </FromSystem>
    <ToSystem>
      <ID>
      <Name>
    </ToSystem>
    <Sent>
      <Date>
      <Time>
    </Sent>
  </Envelope>
  <Order>
```

```
<OrderDetails>
  <CustomerID>
  <LocalID>
  <OrderDate>
  <YourRef>
  <Comment>
  <UpdateStock>
</OrderDetails>
<Sender>
  <ID>
  <Name>
</Sender>
<OrderLine>
  <Type>
  <ItemNo>
  <ItemName>
  <Quantum>
  <Unit>
  <OrderedCount>
  <RetailPrice>
  <Comment>
  <Heading>
</OrderLine>
:
:
<OrderLine> ..... </OrderLine>
</Order>
:
:
<Order> ..... </Order>
<Customer>
  <CustomerID>
  <YourRef>
  <LastName>
  <FirstName>
  <Address1>
  <Address2>
  <PostalCode>
  <City>
  <Phone>
  <Fax>
  <CustomerGroup>
  <PaymentTermCode>
  <PaymentTermDays>
</Customer>
:
:
<Customer>....</Customer>
</OrderMessage>
```

## Detailed description of message

In the table below every data element (each xml-tag) and related attributes are described.

Tag	Tag	Tag	XML Datatype	Explanation	Mandatory	Default
<b>Envelope</b>						
Message	ID		String (30)	Unique identification of this message – generated by <FromSystem>	√	
	Type		String (20)	“Order”	√	
FromSystem	ID		String (100)	Identification of <FromSystem>	√	
	Name		String (40)	Organisation Name of <FromSystem>	√	
	DecimalPoint		String(1)	DecimalPoint used - . (periode) or , (comma)		,
	Software (tag)	ProductName	String (40)	Product name of <FromSystem>		
		ProductVersion	String (20)	Product version of <FromSystem>		
		Company	String (40)	Product company of <FromSystem>		
ToSystem	ID		String (100)	Unique ID of <ToSystem> Licence number issued by SLV should be used then the receiver is a Norwegian Pharmacy	√	
	Name		String (40)	Organisation Name of <FromSystem> (Pharmacy name)	√	
Sent	Date		Date	Creation date of the message	√	
	Time		Time	Creation time of the message	√	
<b>Order</b>						
OrderDetails	CustomerID		String (30)	Customer ID that is unique and known in both <FromSystem> and <ToSystem>	√	
	LocalID		Numeric (20)	Internal unique order number in the <FromSystem>.		
	OrderDate		Date	Order date	√	
	YourRef		String(30)	Referential information for this order		
	Comment		String (200)	Message to be attached to the order		
	UpdateStock		Boolean	Specifies if the Stock in <ToSystem> shall be updated		true
Sender	ID		String (100)	ID of the sending organisation		

	Name		String (40)	Name of the sending organisation		
OrderLine	Type		String(1)	V=Vare, T =Tillegg/Trekk	√	
	ItemNo		String (6)	Vare: Unique item number – issued by Apotekerforeningens Vareregistersentral. Tillegg/Trekk: TT number that is unique and known in both <FromSystem> and <ToSystem>	√	
	ItemName		String (30)	Item name/description	√	
	Quantum		String (?)	Quantum description		
	Unit		String(?)	Unit description		1
	OrderedCount		String (15)	Number of items ordered	√	
	RetailPrice		String (15)	Retail price to be used if price in <ToSystem> = 0.		
	Comment		String (200)	Message to be attached to the order line		
	Heading		String(200)	Heading for this order line		
<b>Customer</b>						
Customer	CustomerID		String (30)	If the Customer ID is not known in <ToSystem>, a new customer can be created and the following fields can be used as initial values.		
	LocalID		String (11)	Local customer ID in <FromSystem>		
	LastName		String (30)	Customer last name		
	FirstName		String (30)	Customer first name		
	Address1		String (40)	Customer address line 1		
	Address2		String (40)	Customer address line 2		
	PostalCode		String (6)	Customer postal code		
	City		String (20)	Customer city		
	Phone		String (13)	Customer phone		
	Fax		String (13)	Customer fax		
	CustomerGroup		String(30)	Customer Group Name		
	PaymentTermCode		String(1)	N=Netto, F=Free delivery month		
	PaymentTermDays		Numeric(3)	Number of days until due date N: From invoice date F: From beginning of next month		

### Data formats

Date: DD.MM.YYYY  
Time: HH:MM:SS  
Logical: true|false

### Example XML-file

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<OrderMessage>
  <Envelope>
    <Message>
      <ID/>
      <Type/>
    </Message>
    <FromSystem>
      <ID/>
      <Name/>
      <DecimalPoint>.</DecimalPoint>
      <Software>
        <ProductName/>
        <ProductVersion/>
        <Company/>
      </Software>
    </FromSystem>
    <ToSystem>
      <ID/>
      <Name/>
    </ToSystem>
    <Sent>
      <Date/>
      <Time/>
    </Sent>
  </Envelope>
  <Order>
    <OrderDetails>
      <CustomerID>RH3</CustomerID>
      <LocalID>25</LocalID>
      <OrderDate>05/11/02</OrderDate>
      <YourRef/>
      <Comment/>
      <UpdateStock>>true</UpdateStock>
    </OrderDetails>
    <Sender>
      <ID/>
      <Name/>
    </Sender>
    <OrderLine>
      <Type>V</Type>
      <ItemNo>54</ItemNo>
      <ItemName>Neorecormon inj spr4000ie/0.3ml</ItemName>
      <Quantum>6X0.3</Quantum>
      <Unit>ML</Unit>
      <OrderedCount>1.5</OrderedCount>
      <RetailPrice/>
      <Comment/>
      <Heading>Arbeidsseddel 123</Heading>
    </OrderLine>
    <OrderLine>
      <Type>V</Type>
      <ItemNo>232</ItemNo>
```

```
<ItemName>Paracetamol alpharma tab 500mg</ItemName>
<Quantum>20</Quantum>
<Unit>ENPAC</Unit>
<OrderedCount>2</OrderedCount>
<RetailPrice/>
<Comment/>
<Heading/>
</OrderLine>
<OrderLine>
  <Type>V</Type>
  <ItemNo>260653</ItemNo>
  <ItemName>Testosteronum</ItemName>
  <Quantum>5</Quantum>
  <Unit>G</Unit>
  <OrderedCount>3</OrderedCount>
  <RetailPrice/>
  <Comment/>
  <Heading>Arbeidsseddel 124</Heading>
</OrderLine>
<OrderLine>
  <Type>V</Type>
  <ItemNo>1065</ItemNo>
  <ItemName>Diural tab 20mg</ItemName>
  <Quantum>98</Quantum>
  <Unit>ENDOS</Unit>
  <OrderedCount>1</OrderedCount>
  <RetailPrice/>
  <Comment/>
  <Heading/>
</OrderLine>
</Order>
<Customer>
  <CustomerID>RH3</CustomerID>
  <YourRef>120794.5793</ YourRef >
  <LastName>Kirurgen</LastName>
  <FirstName/>
  <Address1/>
  <Address2/>
  <PostalCode/>
  <City/>
  <Phone/>
  <Fax/>
  <CustomerGroup/>
  <PaymentTermCode/>
  <PaymentTermDays/>
</Customer>
</OrderMessage>
```