Format description

„Orders"

Version 1.6

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LAYOUT OF ORDER E-MAILS

The orders are currently sent mainly by E-mail. The standard-XML file orders.xml is transmitted as attachment. For labeling we propose the following structure:

order_clientnumber_ordernumber (at supplier) for example: order_123456_000231.xml

As subject should be used the client number (at supplier) and the order number at the client (*clientOrderID*).

As body text for some suppliers it is necessary to declare an *userID* and order password (CIBA) for identification.

For details please contact directly the supplier or download them at cl-forum.de

Normally the suppliers offer one e-mail address for test orders and a second one for real orders.

You find the e-mail addresses under http://www.cl-portal.com or get it directly from the supplier.

LAYOUT OF THE ORDER FORMAT (ORDER.XML)

The order format is based on the catalogue format. In the element *Order* general information concerning the order are defined. It is devided in the two parts *Client* und *OrderItems*.

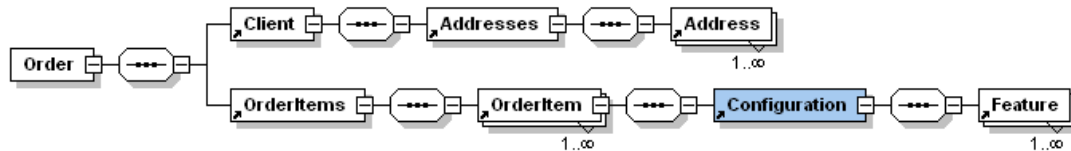As an option you can quote address information of the orderer under *Client*.

Following is the description of the different order items (positions). **Here are mentioned only product features, which are defined order relevant in the catalog (includeInOrder = true).** Each order position contains a valid configuration from configuration variants that were defined in the catalogue.

LIST OF THE STANDARD PRODUCT FEATURES

You will find the list of the *FeatureTemplates* in the document ‚SPECTARIS_Overview of the Feature Templates'.

THE ELEMENT *ORDER*

The element *Order* contains the elements *Client* (information concerning the orderer) and *OrderItems* (order positions).

The element Order starts with the definition of general information for the order.

For the description are the following attributes available:

Attribute	Description	Type	Example
schemaMajorVersionID	Major version number	required	1.x
schemaMinorVersionID	Minor version number	required	x.6
catalogID	Version of the catalogue format on which the creation of the order is based	required	1239864kt678
catalogName	Name of the catalogue format on which the creation of the order is based	optional	CooperVision Katalog 313
supplierID	Unique ID of the supplier	required	DE812345678
supplierName	Supplier name the order has to be sent to	optional	CooperVision
clientOrderID	Order ID on the side of the sender	required	201004260903
clientSupplierID	ID of the supplier at client	optional	K12345
generationDate	Date and time of the order generation	optional	2010-04-26T09:03:11+02:00
generatorInfo	Information about the generation software	optional	winIPRO 07.09
currency	Currency	optional	EURO
vatRate	VAT rate in %	optional	19

Xxx   **All newly added attributes in version 1.6 are marked with blue**
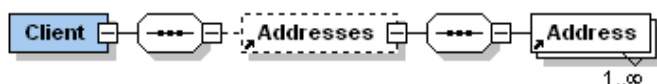
Example XML-Code:

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

<Order schemaMajorVersionID="1" schemaMinorVersionID="6" catalogID="DE813122224_001"
supplierID="DE813122224" clientOrderID="00005-123456" generationDate="2006-01-31T13:14:47.0000000+02:00"
generatorInfo="P&amp;P EASY Version 1.250" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.cl-portal.com/v_1_6/Orders.xsd">

  <Client clientID="123456" clientName="LOOK4 COMPANY GmbH" responseMail="info@look4.de">
```

THE ELEMENT *CLIENT*

The element *Client* contains the attributes **clientID** (client number at supplier) and **clientName** (company name). Optionally you have the possibility to define an e-mail address, to which status messages should be sent back, by using the attribute *-mail*. Furthermore there can be defined optional addresses.

Attribut	Beschreibung	Typ	Beispiel
clientID	Client number at supplier	required	DEZZ12345
clientName	Company name	optional	LOOK4 COMPANY GmbH
responseMail	Mail address for status response	optional	info@look4.de

The element *Address* has following attributes:

Attribut	Beschreibung	Typ	Beispiel
clientType	Standard values: Retailer Consumer	optional	StandardClient
addressID	Unique ID for an address. This can be linked later to one or more orders. >> Differing delivery address	required	12
addressType	Standard values: MainAdress ShippingAddress	required	MainAddress

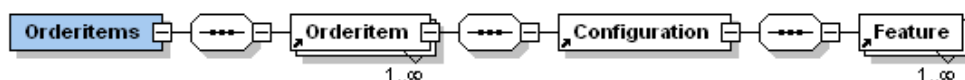|	BillingAddress		
clientBranchID	Branch number	optional	
name	Company name	required	Otto Meier GmbH
name2	Company name 2	optional	Augenoptik und Schmuck
street	Street	required	Hauptstraße 456
zip	Zip code	required	89643
city	City	required	Frankfurt
isoCountryCode	*Iso country code*	required	DE
phone	Phone	optional	07421-93 02 893
fax	Fax	optional	07421-93 02 894
email	Email	optional	info@meier-cl.de

Example XML-Code:

```
<Addresses>
        <Address clientType="Retailer" adressID="1" addressType="ShippingAddress" name="Otto
Meier GmbH" name2="Augenoptik und Schmuck" street="Hauptstraße 456" zip="89643" city="Frankfurt"
isoCountryCode="DE" phone="07421-93 02 893" fax="07421-93 02 894" email="info@meier-contactlinsen.de"/>
        <!-- Abweichende Lieferadresse / z.B. Filial-Adresse-->
        <Address clientType="Consumer" addressID="2" addressType="ShippingAddress" name="Herr
Georg Müller" street="Kundenweg 56" zip="89643" city="Heimhausen" isoCountryCode="DE" phone="07421-93 02 893"
fax="07421-93 02 894"/>
        <!-- Abweichende Lieferadresse - Endverbraucher  -->
        <Address addressID="3" addressType="BillingAddress" name="Otto Meier"
name2="Augenoptik und Schmuck" street="Dorfstr. 8" zip="74291" city="Oberbergen" isoCountryCode="DE"
phone="07421-93 02 893" fax="07421-93 02 894" email="info@meier-contactlinsen.de"/>
        <!-- Abweichende Rechnungsanschrift-->
    </Addresses>
```

THE ELEMENT *ORDERITEMS*

Each element *OrderItems* can have one or more *OrderItem* elements.

Each *OrderItem* describes one order position. For description the following attributes can be used:

Attribute	Description	Type	Example
orderItemType	Item type (standard, free of charge, returns)	optional	freeOfCharge
unitOfMeasure	Unit of measure	optional	pieces
articleID	Article ID at supplier	required	37549
articleName	Article name	optional	OptoLens
eanCode	EAN-Code	optional	0512345678912
upcCode	UPC-Code	optional	512345678912
clientArticleID	Client article ID	optional	AS4714
clientArticleName	Client article name	optional	OptiCare
clientOrderItemID	ID that (definitely) defines the order item on side of the sender	required	CL17549
referenceName	Commission (client/order number)	optional	Frau Müller
addressID	ID of the associated address	optional	12
deliveryDate	Desired delivery date	optional	22.10.2005
netPurchasePrice	Net purchase price	optional	15.43
vatRate	Vat rate	optional	19%

Example XML-Code:

```xml
<OrderItems>
    <OrderItem articleID="L0505" articleName="Biomedics 1 day UV (30er Box)" clientOrderItemID="1R" referenceName="Testmann, Hans">
      <Configuration quantity="1">
        <Feature templateID="Diameter" selectedValue="14.20"/>
        <Feature templateID="RadiusBasecurve" selectedValue="8.70"/>
        <Feature templateID="Sphere" selectedValue="-9.00"/>
      </Configuration>
    </OrderItem>
    <OrderItem articleID="L0505" articleName="Biomedics 1 day UV (30er Box)" clientOrderItemID="1L" referenceName="Testmann, Hans">
      <Configuration quantity="1">
```

```
                <Feature templateID="Diameter" selectedValue="14.20"/>

                <Feature templateID="RadiusBasecurve" selectedValue="8.70"/>

                <Feature templateID="Sphere" selectedValue="-9.00"/>

            </Configuration>

        </OrderItem>

        <OrderItem articleID="L0004T" articleName="Lunelle ES 70 Torique Couleur" clientOrderItemID="18L"
referenceName="Testmann, Hans">

            <Configuration quantity="1">

            <Feature templateID="Diameter" selectedValue="14.50"/>

            <Feature templateID="RadiusBasecurve" selectedValue="8.30"/>

            <Feature templateID="Sphere" selectedValue="0.25"/>

            <Feature templateID="Cylinder" selectedValue="-3.75"/>

            <Feature templateID="AxisCylinder" selectedValue="5"/>

            <Feature templateID="Color" selectedValue="lagon"/>

            </Configuration>

        </OrderItem>

    </OrderItems>
```
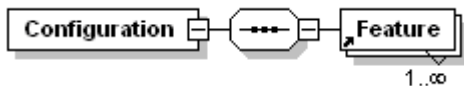
THE ELEMENT *CONFIGURATION*

The element *Configuration* describes the configuration of the ordered article.

The attribute *quantity* declares the number of units of the defined configuration.

Each configuration contains a list of order relevant product features.

The availability for the article is defined in the corresponding catalog.

Attribute	Description	Type	Example
quantity	Desired quantity	required	1

Example XML-Code:

(all product features in catalog marked with *IncludeInOrder=true*)

```
        <Configuration quantity="1">

        <Feature templateID="Diameter" selectedValue="14.20"/>

        <Feature templateID="RadiusBasecurve" selectedValue="8.70"/>
```

```
                    <Feature templateID="Sphere" selectedValue="-9.00"/>

            </Configuration>
```

THE ELEMENT *FEATURE*

Attribute	Description	Type	Example
templateID	Name of the parameter	required	Diameter
selectedValue	Values according to the parameter	required	14.20

Here all product features must be specified that are defined in the catalog as order relevant (includeInOrder = true). All features defined in the standard, see the document ‚SPECTARIS_Overview of the Feature Templates'.

EXAMPLE XML-CODE FOR A COMPLETE ORDER

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

<Order schemaMajorVersionID="1" schemaMinorVersionID="6" catalogID="DE813122224_001"
supplierID="DE813122224" clientOrderID="00005-123456" generationDate="2006-01-31T13:14:47.0000000+02:00"
generatorInfo="P&amp;P EASY Version 1.250" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.cl-portal.com/v_1_6/Orders.xsd">

    <Client clientID="123456" clientName="LOOK4 COMPANY GmbH" responseMail="info@look4.de">

                    <Addresses>

                            <Address clientType="Retailer" addressID="1" addressType="ShippingAddress" name="Otto
Meier GmbH" name2="Augenoptik und Schmuck" street="Hauptstraße 456" zip="89643" city="Berghausen"
isoCountryCode="DE" phone="07421-93 02 893" fax="07421-93 02 894" email="info@meier-contactlinsen.de"/>

                            <Address clientType="Consumer" addressID="2" addressType="ShippingAddress" name="Herr
Hofmann, Hans" street="Kundenweg 56" zip="89643" city="Heimhausen" isoCountryCode="DE" phone="07421-93 02 893"
fax="07421-93 02 894"/>

                            <Address clientType="Retailer" addressID="3" addressType=" BillingAddress" name="Otto
Meier GmbH Zentrale" name2="Augenoptik und Schmuck" street="Königstraße 123" zip="89643" city="Berghausen"
isoCountryCode="DE" phone="07421-93 02 893" fax="07421-93 02 894" email="info@meier-contactlinsen.de"/>


            </Addresses>


    </Client>

    <OrderItems>

        <OrderItem articleID="L0505" articleName="Biomedics 1 day UV (30er Box)" clientOrderItemID="1R"
referenceName="Lager" addressID="1">

        <Configuration quantity="1">

            <Feature templateID="Diameter" selectedValue="14.20"/>

            <Feature templateID="RadiusBasecurve" selectedValue="8.70"/>

            <Feature templateID="Sphere" selectedValue="-9.00"/>
```

```
        </Configuration>
    </OrderItem>
    <OrderItem articleID="L0505" articleName="Biomedics 1 day UV (30er Box)" clientOrderItemID="1L"
referenceName="Lager" addressID="1">
        <Configuration quantity="1">
          <Feature templateID="Diameter" selectedValue="14.20"/>
          <Feature templateID="RadiusBasecurve" selectedValue="8.70"/>
          <Feature templateID="Sphere" selectedValue="-9.00"/>
        </Configuration>
    </OrderItem>
    <OrderItem articleID="L0220" articleName="Proclear Toric (6er Box)" clientOrderItemID="5R"
referenceName="Hofmann, Hans" addressID="2">
        <Configuration quantity="1">
          <Feature templateID="Diameter" selectedValue="14.40"/>
          <Feature templateID="RadiusBasecurve" selectedValue="8.80"/>
          <Feature templateID="Sphere" selectedValue="-7.00"/>
          <Feature templateID="Cylinder" selectedValue="-1.25"/>
          <Feature templateID="AxisCylinder" selectedValue="70"/>
        </Configuration>
    </OrderItem>
    <OrderItem articleID="L0220" articleName="Proclear Toric (6er Box)" clientOrderItemID="5L"
referenceName="Hofmann, Hans" addressID="2">
        <Configuration quantity="1">
          <Feature templateID="Diameter" selectedValue="14.40"/>
          <Feature templateID="RadiusBasecurve" selectedValue="8.80"/>
          <Feature templateID="Sphere" selectedValue="-6.50"/>
          <Feature templateID="Cylinder" selectedValue="-2.25"/>
          <Feature templateID="AxisCylinder" selectedValue="110"/>
        </Configuration>
    </OrderItem>
    <OrderItem articleID="L0239" articleName="Edge III" clientOrderItemID="14R" referenceName="Bühler, Sabine">
      <Configuration quantity="1">
          <Feature templateID="Diameter" selectedValue="14.20"/>
          <Feature templateID="RadiusBasecurve" selectedValue="8.80"/>
          <Feature templateID="Sphere" selectedValue="1.75"/>
      </Configuration>
    </OrderItem>
    <OrderItem articleID="L0239" articleName="Edge III" clientOrderItemID="14L" referenceName="Bühler, Sabine">
      <Configuration quantity="1">
          <Feature templateID="Diameter" selectedValue="14.20"/>
          <Feature templateID="RadiusBasecurve" selectedValue="8.80"/>
          <Feature templateID="Sphere" selectedValue="1.25"/>
      </Configuration>
    </OrderItem>
```

```
    <OrderItem articleID="L0424" articleName="Lunelle ES 70 UV Couleur - Ambre (braun)" clientOrderItemID="17R"
referenceName="Maier, Eva">

        <Configuration quantity="1">

          <Feature templateID="Diameter" selectedValue="14.00"/>

          <Feature templateID="RadiusBasecurve" selectedValue="8.60"/>

          <Feature templateID="Sphere" selectedValue="-1.50"/>

        </Configuration>

      </OrderItem>

    <OrderItem articleID="L0424" articleName="Lunelle ES 70 UV Couleur - Ambre (braun)" clientOrderItemID="17L"
referenceName="Maier, Eva">

        <Configuration quantity="1">

          <Feature templateID="Diameter" selectedValue="14.00"/>

          <Feature templateID="RadiusBasecurve" selectedValue="8.60"/>

          <Feature templateID="Sphere" selectedValue="-0.75"/>

        </Configuration>

      </OrderItem>

    <OrderItem articleID="L0004T" articleName="Lunelle ES 70 Torique Couleur" clientOrderItemID="18L"
referenceName="Berger, Walter">

        <Configuration quantity="1">

          <Feature templateID="Diameter" selectedValue="14.50"/>

          <Feature templateID="RadiusBasecurve" selectedValue="8.30"/>

          <Feature templateID="Sphere" selectedValue="0.25"/>

          <Feature templateID="Cylinder" selectedValue="-3.75"/>

          <Feature templateID="AxisCylinder" selectedValue="5"/>

          <Feature templateID="Color" selectedValue="lagon"/>

        </Configuration>

      </OrderItem>

  </OrderItems>

</Order>
```

The current format descriptions and further information you will find online at **www.look4.de** or contact:

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