

XML-Structure

Root-Element: b2bOpticRequest

In the root-element the location of the XSD at schema.b2boptic.com should be set, so the receiver could identify the version of XML. In next version it will be mandatory.

```
<b2bOpticRequest xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="http://schema.b2boptic.com/b2boptic_lensrequest_1.0.0.xsd">
```

header	
type	Header
occurs	0..1
description	usually not used
items	
occurs	1
description	main tag that include a list of request items
item (element of items)	
occurs	1..n
description	one request
parties (element of item)	
type	Account
occurs	1..n
description	
role (attribute of parties)	
type	Roles
use	required
description	
referenceNo (element of item)	
type	string
occurs	1
description	referenceNo that was send with the order
confirmedOrderId (element of item)	
type	string
occurs	1
description	unique order id that was send by the server to the client
search (element of items)	
occurs	1..n
description	one search request
parties (element of search)	
type	Account
occurs	1..n
description	

role (attribute of parties)

type	Roles
use	required
description	

branchOffice (element of search)

type	string
occurs	0..1
description	

allBranchOffices (attribute of branchOffice)

type	boolean
use	optional
default	false
description	

referenceNo (element of search)

type	string
occurs	0..1
description	referenceNo that was send with the order

commercialCode (element of search)

type	string
occurs	0..1
description	

orderStatus (element of search)

type	string
occurs	0..1
description	the status of the order

values	description
OPEN	order ok and is waiting for production
PRODUCTION	order is in production
COATING_TINTING	order is in coating or tinting
COMPLETED	order is completed but not dispatched
DISPATCHED	order was dispatched and are on the way to the customer
ERROR	

orderDate (element of search)

occurs	0..1
description	the date when the order was received by server

start (element of orderDate)

type	date
occurs	1
description	

end (element of orderDate)

type	date
occurs	1
description	

deliveryDate (element of search)

occurs	0..1
description	the date when the order where send to the customer

start (element of deliveryDate)	
type	date
occurs	1
description	
end (element of deliveryDate)	
type	date
occurs	1
description	
maximumHits (element of search)	
type	int
occurs	1
description	maximum records that are returned
experimental	
type	anyType
occurs	0..n
description	section for internal tests at development

```

<xs:element name="b2bOpticRequest">
  <xs:complexType>
    <xs:sequence>
      <xs:element minOccurs="0" name="header" type="Header" />
      <xs:element name="items">
        <xs:complexType>
          <xs:choice>
            <xs:element maxOccurs="unbounded" name="item">
              <xs:complexType>
                <xs:sequence>
                  <xs:element maxOccurs="unbounded" name="parties">
                    <xs:complexType>
                      <xs:complexContent mixed="false">
                        <xs:extension base="Account">
                          <xs:attribute name="role" type="Roles"
use="required" />
                        </xs:extension>
                      </xs:complexContent>
                    </xs:complexType>
                  </xs:element>
                  <xs:element name="referenceNo" type="xs:string" />
                  <xs:element name="confirmedOrderId" type="xs:string" />
                </xs:sequence>
              </xs:complexType>
            </xs:element>
            <xs:element maxOccurs="unbounded" name="search">
              <xs:complexType>
                <xs:sequence>
                  <xs:element maxOccurs="unbounded" name="parties">
                    <xs:complexType>
                      <xs:complexContent mixed="false">
                        <xs:extension base="Account">

```

```

        <xs:attribute name="role" type="Roles"
use="required" />
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="branchOffice">
    <xs:complexType>
        <xs:simpleContent>
            <xs:extension base="xs:string">
                <xs:attribute default="false"
name="allBranchOffices" type="xs:boolean" use="optional" />
            </xs:extension>
        </xs:simpleContent>
    </xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="referenceNo"
type="xs:string" />
<xs:element minOccurs="0" name="commercialCode"
type="xs:string" />
<xs:element minOccurs="0" name="orderStatus">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:enumeration value="OPEN" />
            <xs:enumeration value="PRODUCTION" />
            <xs:enumeration value="COATING_TINTING" />
            <xs:enumeration value="COMPLETED" />
            <xs:enumeration value="DISPATCHED" />
            <xs:enumeration value="ERROR" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element minOccurs="0" name="orderDate">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="start" type="xs:date" />
            <xs:element name="end" type="xs:date" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element minOccurs="0" name="deliveryDate">
    <xs:complexType>
        <xs:sequence>
            <xs:element name="start" type="xs:date" />
            <xs:element name="end" type="xs:date" />
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="maximumHits" type="xs:int" />
</xs:sequence>
</xs:complexType>

```

```
        </xs:element>
      </xs:choice>
    </xs:complexType>
  </xs:element>
  <xs:element minOccurs="0" maxOccurs="unbounded" name="experimental"
type="xs:anyType" />
</xs:sequence>
</xs:complexType>
</xs:element>
```

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