



mySCHENKER Web Service 2.0.

Services and service description:

Demo:

→ https://webservice.myschenker.fi/TESTewebsecure2_0/webservice2_0.svc

Production:

→ https://webservice.myschenker.fi/ewebsecure2_0/webservice2_0.svc

Parcel Shipment Order

createOrderParcel: Parcel Shipment order

Objective for Parcel Shipment Order Web Service:

The Web Service provides a possibility to create an order for Parcel Shipment. Response from the service includes Consignment number, Collection Date and URL-link to order label document (pdf).

Access to Demo Web Service:

User ID and access key to demo Web Service can be provided by request.

Access to production Web Service:

Approval and access to production Web Service can be granted after test results in Demo environment have been approved by DB Schenker.

Order Parcel— request:

Shipment Order Parcel

Request:

```

<xs:complexType name="ParcelOrder">
<xs:sequence>
<xs:element name="Authentication" type="tns:Authentication" nillable="true"/>
<xs:element name="CustomerNumber" type="xs:string" nillable="true"/>
<xs:element name="Addresses" type="tns:ArrayOfAddress" nillable="true"/>
<xs:element name="SenderReference" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="ReceiverReference" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="Goodslines" type="tns:ArrayOfGoodsLine" nillable="true"/>
<xs:element name="OrderTotalWeight" type="xs:double"/>
<xs:element name="OrderTotalVolume" type="xs:double" minOccurs="0"/>
<xs:element name="LabelSelection" type="q1:LabelType" xmlns:q1="http://schemas.datacontract.org/2004/07/eWebServiceDataContracts"/>
<xs:element name="FreightPayerIs" type="q2:FreightPayer" xmlns:q2="http://schemas.datacontract.org/2004/07/eWebServiceDataContracts"/>
<xs:element name="FreightPayerCustomerNumber" type="xs:string" nillable="true" minOccurs="0"/>
</xs:sequence>

```

Field Name	Type	Description	Field length / format	Comments
Authentication		M	Authentication info	
CustomerNumber	string	M	Customer Number	1-8
Addresses		M/O	Address collection	Receiver is mandatory, Departure & Delivery are Optional, FreightPayer is mandatory when FreightPayerIs = Other
SenderReference	string	O	Sender Reference	0-30
ReceiverReference	double	O	Receiver Reference	0-30
Goodslines		M	Collection of Good Lines	Max. 10 good lines
OrderTotalWeight	double	M	Total Weight of the Order	##.#
OrderTotalVolume	double	O	Total Volume of the Order	#.###
LabelSelection	string	M	Transportation Label type	1-50
FreightPayerIs	string	M	Freight Payer is Sender, Receiver or Other	Possible values: A4, A5, Long
FreightPayerCustomerNumber	string	O	Freight Payer Customer Number if FreightPayerIs = Receiver or Other	1-8

```

<xs:complexType name="Authentication">
<xs:sequence><xs:element name="accessKey" type="xs:string" nillable="true" />
<xs:element name="userName" type="xs:string" nillable="true" />
</xs:sequence>

```

Field Name	Type	Description	Comments
accessKey	string	Access Key	
userName	string	User Name	

```

<xs:complexType name="Address">
<xs:sequence>
<xs:element name="AddressType" type="q3:AddressType" xmlns:q3="http://schemas.datacontract.org/2004/07/eWebServiceDataContracts"/>
<xs:element name="ContactPerson" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="ContactPhone" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="PartyName" type="xs:string" nillable="true"/>
<xs:element name="AddressLine" type="xs:string" nillable="true"/>
<xs:element name="AdditionalAddressline" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="PostalCode" type="xs:string" nillable="true"/>
<xs:element name="City" type="xs:string" nillable="true"/>
</xs:sequence>

```

AddressType values: Receiver, Departure, Delivery, FreightPayer.

Field Name	Type		Description	Field length / format	Comments
AddressType	string	M	Address Type is Mandatory		Receiver Address is mandatory. Other possible values: Departure, Delivery, Freight Payer
ContactPerson	string	O	Contact Person	0-50	
ContactPhone	string	O	Contact Phone	0-30	
PartyName	string	M	Company / Party Name	1-50	Address type company name
AddressLine	string	M	Street Address	1-35	
AdditionalAddressLine	string	O	Additional Address Line	1-35	
PostalCode	string	M	Postal code	5	Must be numeric
City	string	M	City	1-30	

```

<xs:complexType name="GoodsLine">
<xs:sequence>
<xs:element name="MarksAndNumbers" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="TradeName" type="xs:string" nillable="true"/>
<xs:element name="PackageCount" type="xs:int"/>
<xs:element name="PackageCode" type="q4:PackageCode" xmlns:q4="http://schemas.datacontract.org/2004/07/eWebServiceDataContracts"/>
<xs:element name="Weight" type="xs:double"/>
<xs:element name="Length" type="xs:int" minOccurs="0"/>
<xs:element name="Height" type="xs:int" minOccurs="0"/>
<xs:element name="Width" type="xs:int" minOccurs="0"/>
<xs:element name="Volume" type="xs:double" minOccurs="0"/>
</xs:sequence>

```

Field Name	Type		Description	Field length / format	Comments
MarksAndNumbers	string	O	Optional text and marks for package recognition	0-13	
TradeName	string	M	Description of contents	0-21	
PackageCount	int	M	Number of packages		Between 1 and 99, total order package count max value 99
PackageCode	string	M	Package or OtherPallet		
Weight	double	M	Weight of single package	##.#	Max 1 decimal, max value 9999.0
Length	int	M	Length		Min value 0, Max 1299
Height	int	M	Height		Min value 0, Max 1299
Width	int	M	Width		Min value 0, Max 1299
Volume	double	M	Volume of single package	#####	Min value 0, Max value 9.999, Max 3 decimal

Request SOAP/XML Example

The following code shows an example of a request message sent to the Web Service by client.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:eweb="http://myschenker.fi/ewebs/">
<soapenv:Header/>
<soapenv:Body>
  <eweb:createOrderParcel>
    <!--Optional:-->
    <eweb:order>
      <eweb:Authentication>
        <eweb:accessKey>xxx-yyy-zzz</eweb:accessKey>
        <eweb:userName>DEMO</eweb:userName>
      </eweb:Authentication>
      <eweb:CustomerNumber>123456</eweb:CustomerNumber>
      <eweb:Addresses>
        <!--Zero or more repetitions:-->
        <eweb:Address>
          <eweb:AddressType>Receiver</eweb:AddressType>
          <!--Optional:-->
          <eweb:ContactPerson>Ville vastaanottaja</eweb:ContactPerson>
          <!--Optional:-->
          <eweb:ContactPhone>12345678</eweb:ContactPhone>
          <eweb:PartyName>Vastaanottajat Oy</eweb:PartyName>
          <eweb:AddressLine>Vastaanotontie 15 B 5</eweb:AddressLine>
          <!--Optional:-->
          <eweb:AdditionalAddressline>Toinen ovi vasemmalta</eweb:AdditionalAddressline>
          <eweb:PostalCode>33100</eweb:PostalCode>
          <eweb:City>Tampere</eweb:City>
        </eweb:Address>
        <eweb:Address>
          <eweb:AddressType>Departure</eweb:AddressType>
          <!--Optional:-->
          <eweb:ContactPerson></eweb:ContactPerson>
          <!--Optional:-->
          <eweb:ContactPhone>1234</eweb:ContactPhone>
          <eweb:PartyName>Schenker oy</eweb:PartyName>
          <eweb:AddressLine>Tikkurilantie 147</eweb:AddressLine>
          <!--Optional:-->
          <eweb:AdditionalAddressline>Toimistotalo D2</eweb:AdditionalAddressline>
          <eweb:PostalCode>01530</eweb:PostalCode>
          <eweb:City>Vantaa</eweb:City>
        </eweb:Address>
        <eweb:Address>
          <eweb:AddressType>Delivery</eweb:AddressType>
          <!--Optional:-->
          <eweb:ContactPerson>Ville vastaanottaja</eweb:ContactPerson>
          <!--Optional:-->
          <eweb:ContactPhone>12345678</eweb:ContactPhone>
          <eweb:PartyName>Vastaanottajat Oy</eweb:PartyName>
          <eweb:AddressLine>Vastaanotontie 15</eweb:AddressLine>
          <!--Optional:-->
          <eweb:AdditionalAddressline>Varastohalli 512</eweb:AdditionalAddressline>
          <eweb:PostalCode>33100</eweb:PostalCode>
          <eweb:City>Tampere</eweb:City>
        </eweb:Address>
      </eweb:Addresses>
      <!--Optional:-->
      <eweb:SenderReference>123/456-4567</eweb:SenderReference>
      <!--Optional:-->
      <eweb:ReceiverReference></eweb:ReceiverReference>
      <eweb:Goodslines>
        <!--Zero or more repetitions:-->
        <eweb:GoodsLine>
          <!--Optional:-->
          <eweb:MarksAndNumbers>mn4561155</eweb:MarksAndNumbers>
          <eweb:TradeName>Tavaran kuvaus</eweb:TradeName>
          <eweb:PackageCount>99</eweb:PackageCount>
          <eweb:PackageCode>Package</eweb:PackageCode>
          <eweb:Weight>10</eweb:Weight>
          <eweb:Length>0</eweb:Length>
          <eweb:Height>0</eweb:Height>
          <eweb:Width>0</eweb:Width>
          <eweb:Volume>0</eweb:Volume>
        </eweb:GoodsLine>
      </eweb:Goodslines>
      <eweb:OrderTotalWeight>990</eweb:OrderTotalWeight>
      <!--Optional:-->
      <eweb:OrderTotalVolume>0</eweb:OrderTotalVolume>
      <eweb:LabelSelection>Long</eweb:LabelSelection>
      <eweb:FreightPayerIs>Sender</eweb:FreightPayerIs>
      <!--Optional:-->
      <eweb:FreightPayerCustomerNumber></eweb:FreightPayerCustomerNumber>
    </eweb:order>
  </eweb:createOrderParcel>
</soapenv:Body>
</soapenv:Envelope>
```

Response: SOAP/XML Example

The following code shows an example of a response message returned to the client by the Web Service.

Please note the Response message contains the CollectionDate tag. Collection Date is generated by DB Schenker backend systems based on Departure Postal Code

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <createOrderParcelResponse xmlns="http://myschenker.fi/ewebs/">
      <createOrderParcelResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <CollectionDate>14.3.2017</CollectionDate>
        <ConsignmentNumber>987654321012</ConsignmentNumber>
        <LabelURL>https://webservice.myschenker.fi/TESTewebsecure/pdfs/KollilaputLong_1234567890_P7883F3NVIQE7Z8.pdf</LabelURL>
      </createOrderParcelResult>
    </createOrderParcelResponse>
  </s:Body>
</s:Envelope>
```