



mySCHENKER Web Service 3.0.

Services and service description:

Demo:

→ https://webservice.myschenker.fi/TESTewebsecure3_0/webservice3_0.svc

Production:

→ https://webservice.myschenker.fi/ewebsecure3_0/webservice3_0.svc

Collection Point Search

getCollectionPointsByCity: Collection Point Search with city name

getCollectionPointsByPostalCode: Collection Point Search with postal code

getCollectionPointByID: Collection Point Search with a Collection Point ID

getNearestCollectionPoints: Searches nearest Collection Points with given address

getNearestCPWithDistance: Searches nearest Collection Points with given address

Collection Point Shipment Order

createOrder: Collection Point Shipment order

Objective for Collection Point Search Web Service:

The Web Service provides a possibility to search for a DB Schenker collection point based on postal code or city name. Search results will include collection point details like address, opening hours and a unique CollectionPointID which is needed when shipping order is done.

The Web Service provides a possibility to search with a unique CollectionPointID in order to receive collection point details for the specific collection point.

Objective for Collection Point Shipment Order Web Service:

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

Access to Demo Web Service:

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

Collection Point Search requests:

Collection Point Search with postal code or city.

getCollectionPointsByCity(Authentication auth, string pCity) : List<CollectionPoint>

Collection Point Search with postal code

getCollectionPointsByPostalCode(Authentication auth, string postalCode) : List<CollectionPoint>

Collection Point Search with a Collection Point ID

getCollectionPointByID(Authentication auth, string cpID): CollectionPoint

Nearest Collection Points Search with an address

getNearestCollectionPoints(Authentication auth, string searchAddress, int amount) : List<CollectionPoint>

getNearestCPWithDistance(Authentication auth, string searchAddress, int amount) :

List<CollectionPointWithDistance>

Request:

```
<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
pCity	string	City name	
postalCode	string	Postal code	
cpID	string	Collection point ID	
searchAddress	string	Address to search	Give street address and city
amount	integer	Amount of wanted collectionpoints	Default 5, maximum 20
Field Name	Type	Description	Comments
accessKey	string	Access Key	
userName	string	User Name	

Collection Point Search responses: CollectionPoint, List<CollectionPoint>

Response Declaration:

```

<xs:complexType name="ArrayOfCollectionPoint">
  <xs:sequence>
    <xs:element name="CollectionPoint" type="tns:CollectionPoint" nillable="true" minOccurs="0" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="ArrayOfCollectionPoint" type="tns:ArrayOfCollectionPoint" nillable="true"/><xs:complexType name="CollectionPoint">
  <xs:sequence>
    <xs:element name="Address1" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Address2" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="BusinessHours" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="BusinessHours1" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="BusinessHours2" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="BusinessHours3" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="City" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="CollectionPointID" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="CollectionPointName" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="ContactPerson" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Distribution" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Extra" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="Phone" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="PostalCode" type="xs:string" nillable="true" minOccurs="0"/><xs:element name="ProposalOrder" type="xs:int" minOccurs="0"/>
    <xs:element name="Terminal" type="xs:string" nillable="true" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
<xs:element name="CollectionPoint" type="tns:CollectionPoint" nillable="true"/>

```

Response Fields

Field Name	Type	Description	Comments
Address1	string	Collection point address line1	
Address2	string	Collection point address line 2	
BusinessHours	string	Collection point opening hours in format V0000-0000L0000-0000S0000-0000	V: Monday-Friday L: Saturday S: Sunday
BusinessHours1	string	Collection point opening hours for Monday-Friday	
BusinessHours2	string	Collection point opening hours for Saturday	
BusinessHours3	string	Collection point opening hours for Sunday	
City	string	City of collection point	
CollectionPointID	string	Collection point ID	
CollectionPointName	string	Collection point name	
ContactPerson	string	Contact person for collection point	
Distribution	string		
Extra	string	Country Code	
Phone	string	Phone number for collection point	
ProposalOrder	int	Proposal order for suitable collection point. 0 if not in proposal order	
PostalCode	string	Postal code for collection point	
Terminal	string	DB Schenker Terminal number	

Response: SOAP/XML Example

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

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <getCollectionPointsByPostalCodeResponse xmlns="http://myschenker.fi/ewebs/">
      <getCollectionPointsByPostalCodeResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <CollectionPoint>
          <Address1>RUNEBERGINKATU 41</Address1>
          <Address2/>
          <BusinessHours>V0700-2100L0900-2100S1000-2100</BusinessHours>
          <BusinessHours1>0700-2100</BusinessHours1>
          <BusinessHours2>0900-2100</BusinessHours2>
          <BusinessHours3>1000-2100</BusinessHours3>
          <City>HELSINKI</City>
          <CollectionPointID>6002</CollectionPointID>
          <CollectionPointName>R-KIOSKI HKI RUNEBERGINKATU 41</CollectionPointName>
          <ContactPerson/>
          <Distribution></Distribution>
          <Extra>FI</Extra>
          <Phone>050-3680410</Phone>
          <PostalCode>00100</PostalCode>
          <ProposalOrder>1</ProposalOrder>
          <Terminal>001</Terminal>
        </CollectionPoint>
        <CollectionPoint>
          <Address1>TÖÖLÖNLAHDENKATU 2</Address1>
          <Address2/>
          <BusinessHours>V0700-2000L0900-1900S0000-0000</BusinessHours>
          <BusinessHours1>0700-2000</BusinessHours1>
          <BusinessHours2>0900-1900</BusinessHours2>
          <BusinessHours3>0000-0000</BusinessHours3>
          <City>HELSINKI</City>
          <CollectionPointID>6835</CollectionPointID>
          <CollectionPointName>R-KIOSKI HKI SANOMATALO</CollectionPointName>
          <ContactPerson/>
          <Distribution></Distribution>
          <Extra>FI</Extra>
          <Phone>046-9204204</Phone>
          <PostalCode>00100</PostalCode>
          <ProposalOrder>2</ProposalOrder>
          <Terminal>001</Terminal>
        </CollectionPoint>
      </getCollectionPointsByPostalCodeResult>
    </getCollectionPointsByPostalCodeResponse>
  </s:Body>
</s:Envelope>
```

Collection Point Search responses: CollectionPointWithDistance, List<CollectionPointWithDistance>

Response Declaration:

```
<xs:complexType name="ArrayOfCollectionPointWithDistance"><xs:sequence>
<xs:element name="CollectionPointWithDistance" type="tns:CollectionPointWithDistance" nillable="true" minOccurs="0"
maxOccurs="unbounded"/></xs:sequence></xs:complexType>
<xs:element name="ArrayOfCollectionPointWithDistance" type="tns:ArrayOfCollectionPointWithDistance" nillable="true"/>
<xs:complexType name="CollectionPointWithDistance"><xs:complexContent mixed="false">
<xs:extension base="tns:CollectionPoint"><xs:sequence>
<xs:element name="Distance" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="Latitude" type="xs:string" nillable="true" minOccurs="0"/>
<xs:element name="Longitude" type="xs:string" nillable="true" minOccurs="0"/>
</xs:sequence></xs:extension></xs:complexContent></xs:complexType>
<xs:element name="CollectionPointWithDistance" type="tns:CollectionPointWithDistance" nillable="true"/>
```

Response Fields

Field Name	Type	Description	Comments
Address1	string	Collection point address line1	
Address2	string	Collection point address line 2	
BusinessHours	string	Collection point opening hours in format V0000-0000L0000-0000S0000-0000	V: Monday-Friday L: Saturday S: Sunday
BusinessHours1	string	Collection point opening hours for Monday-Friday	
BusinessHours2	string	Collection point opening hours for Saturday	
BusinessHours3	string	Collection point opening hours for Sunday	
City	string	City of collection point	
CollectionPointID	string	Collection point ID	
CollectionPointName	string	Collection point name	
ContactPerson	string	Contact person for collection point	
Distribution	string		
Extra	string	Country Code	
Phone	string	Phone number for collection point	
ProposalOrder	int	Proposal order for suitable collection point. 0 if not in proposal order	
PostalCode	string	Postal code for collection point	
Terminal	string	DB Schenker Terminal number	
Distance	String	Distance between collection point and given search address	meters
Latitude	String	Latitude value of collection point address	
Longitude	String	Longitude value of collection point address	

Response: SOAP/XML Example

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

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <geNearestCPWithDistanceResponse xmlns="http://myschenker.fi/eweb/">
      <geNearestCPWithDistanceResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <CollectionPointWithDistance>
          <Address1>RUNEBERGINKATU 41</Address1>
          <Address2/>
          <BusinessHours>V0700-2100L0900-2100S1000-2100</BusinessHours>
          <BusinessHours1>0700-2100</BusinessHours1>
          <BusinessHours2>0900-2100</BusinessHours2>
          <BusinessHours3>1000-2100</BusinessHours3>
          <City>HELSINKI</City>
          <CollectionPointID>6002</CollectionPointID>
          <CollectionPointName>R-KIOSKI HKI RUNEBERGINKATU 41</CollectionPointName>
          <ContactPerson/>
          <Distribution></Distribution>
          <Extra>FI</Extra>
          <Phone>050-3680410</Phone>
          <PostalCode>00100</PostalCode>
          <ProposalOrder>1</ProposalOrder>
          <Terminal>001</Terminal>
          <Distance>1281</Distance>
          <Latitude>60.1756099</Latitude>
          <Longitude>24.9224208</Longitude>
        </CollectionPointWithDistance>
        <CollectionPointWithDistance>
          <Address1>TÖÖLÖNLAHDENKATU 2</Address1>
          <Address2/>
          <BusinessHours>V0700-2000L0900-1900S0000-0000</BusinessHours>
          <BusinessHours1>0700-2000</BusinessHours1>
          <BusinessHours2>0900-1900</BusinessHours2>
          <BusinessHours3>0000-0000</BusinessHours3>
          <City>HELSINKI</City>
          <CollectionPointID>6835</CollectionPointID>
          <CollectionPointName>R-KIOSKI HKI SANOMATALO</CollectionPointName>
          <ContactPerson/>
          <Distribution></Distribution>
          <Extra>FI</Extra>
          <Phone>046-9204204</Phone>
          <PostalCode>00100</PostalCode>
          <ProposalOrder>2</ProposalOrder>
          <Terminal>001</Terminal>
          <Distance>694</Distance>
          <Latitude>60.1724300</Latitude>
          <Longitude>24.9380116</Longitude>
        </CollectionPointWithDistance>
      </geNearestCPWithDistanceResult>
    </geNearestCPWithDistanceResponse>
  </s:Body>
</s:Envelope>
```

Collection Point Order Request:

```
<xs:complexType name="CollectionPointOrder">
  <xs:sequence>
    <xs:element name="Authentication" type="tns:Authentication" nillable="true"/>
    <xs:element name="CashOnDelivery" type="xs:double" minOccurs="0"/>
    <xs:element name="CollectionPointID" type="xs:string" nillable="true"/>
    <xs:element name="CustomerNumber" type="xs:string" nillable="true"/>
    <xs:element name="PackageVolume" type="xs:double" minOccurs="0"/>
    <xs:element name="PackageWeight" type="xs:double"/>
    <xs:element name="PickupAddress" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="PickupAddress2" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="PickupCity" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="PickupName" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="PickupPostalCode" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="ReceiverAddress" type="xs:string" nillable="true"/>
    <xs:element name="ReceiverCity" type="xs:string" nillable="true"/>
    <xs:element name="ReceiverContact" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="ReceiverName" type="xs:string" nillable="true"/>
    <xs:element name="ReceiverPhone" type="xs:string" nillable="true"/>
    <xs:element name="ReceiverPostalCode" type="xs:string" nillable="true"/>
    <xs:element name="ReceiverReference" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="SenderReference" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="TradeName" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="SenderBusinessID" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="ReceiverBusinessID" type="xs:string" nillable="true" minOccurs="0"/>
    <xs:element name="LabelSelection" type="q1:CPLabelType" xmlns:q1="http://schemas.datacontract.org/2004/07/eWebServiceDataContracts" />
  </xs:sequence>
```

Field Name	Type	Description	Field length / format	Comments	
CashOnDelivery	double	0	Cash on Delivery amount—requires agreement	####.##	Max 2 decimals
CollectionPointID	string		Collection point ID	4	
CustomerNumber	string		Customer Number	1-8	
PackageVolume	double	0	Package volume	#.###	Max 3 decimals
PackageWeight	double		Package weight	##.#	Max 1 decimal
PickupAddress	string	O/M	Pick Up Address	0-35	Mandatory If Pickup Address is given
PickupAddress2	string	O	Pick Up Address 2	0-35	
PickupCity	string	O/M	Pick Up City	0-30	Mandatory If Pickup Address is given
PickupName	string	O/M	Pick Up Company Name	0-50	Mandatory If Pickup Address is given
PickupPostalCode	string	O/M	Pick Up Postal Code	5	Mandatory If Pickup Address is given
ReceiverAddress	string		Receiver Address	1-35	
ReceiverCity	string		Receiver City	1-30	
ReceiverContact	string	O	Receiver Contact	0-50	
ReceiverName	string		Receiver Name	1-50	
ReceiverPhone	string		Receiver Phone	1-30	
ReceiverPostalCode	string		Receiver Postal Code	5	
ReceiverReference	string	O	Receiver Reference	0-30	
SenderReference	string	O	Sender Reference	0-30	
TradeName	string		Trade name, content description	1-21	
SenderBusinessID	string	O/M	Senders Business ID (Y-tunnus) Required if one of the addresses is in Åland. (Sender, Receiver, Pickup or CollectionPoint)	9	Form 1234567-8
ReceiverBusinessID	string	O	Give if receiver is not private person	9	Form 1234567-8
LabelSelection	string	O	Label type	2-4	Possible values: CP, Long Default CP (A5 size)

```

<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	

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/eweb/">
<soapenv:Header/>
<soapenv:Body>
<eweb:createOrder>
<!--Optional:-->
<eweb:order>
<eweb:Authentication>
<eweb:accessKey>444-333-222-$$$</eweb:accessKey>
<eweb:userName>DEMO</eweb:userName>
</eweb:Authentication>
<!--Optional:-->
<eweb:CashOnDelivery>0</eweb:CashOnDelivery>
<eweb:CollectionPointID>0000</eweb:CollectionPointID>
<eweb:CustomerNumber>000000</eweb:CustomerNumber>
<!--Optional:-->
<eweb:PackageVolume>0.144</eweb:PackageVolume>
<eweb:PackageWeight>2</eweb:PackageWeight>
<!--Optional:-->
<eweb:PickupAddress></eweb:PickupAddress>
<!--Optional:-->
<eweb:PickupAddress2></eweb:PickupAddress2>
<!--Optional:-->
<eweb:PickupCity></eweb:PickupCity>
<!--Optional:-->
<eweb:PickupName></eweb:PickupName>
<!--Optional:-->
<eweb:PickupPostalCode></eweb:PickupPostalCode>
<eweb:ReceiverAddress>Address 1</eweb:ReceiverAddress>
<eweb:ReceiverCity>Espoo</eweb:ReceiverCity>
<!--Optional:-->
<eweb:ReceiverContact>Contact</eweb:ReceiverContact>
<eweb:ReceiverName>Receiver</eweb:ReceiverName>
<eweb:ReceiverPhone>12346</eweb:ReceiverPhone>
<eweb:ReceiverPostalCode>02280</eweb:ReceiverPostalCode>
<!--Optional:-->
<eweb:ReceiverReference>Receiver ref</eweb:ReceiverReference>
<!--Optional:-->
<eweb:SenderReference>Sender ref</eweb:SenderReference>
<!--Optional:-->
<eweb:TradeName>Fabrics</eweb:TradeName>
<!--Optional:-->
<eweb:SenderBusinessID></eweb:SenderBusinessID>
<!--Optional:-->
<eweb:ReceiverBusinessID></eweb:ReceiverBusinessID>
<!--Optional:-->
<eweb:LabelSelection>CP</eweb:LabelSelection>
</eweb:order>
</eweb:createOrder>
</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.

```
<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope/">
  <s:Body>
    <createOrderResponse xmlns="http://myschenker.fi/ewebs/">
      <createOrderResult xmlns:i="http://www.w3.org/2001/XMLSchema-instance">
        <ConsignmentNumber>988003000001</ConsignmentNumber>
        <LabelURL>https://webservice.myschenker.fi/TESTewebsecure/pdfs/NPKollilaput_988003000001_0MTssWW2S20J9S6S.pdf</LabelURL>
      </createOrderResult>
    </createOrderResponse>
  </s:Body>
</s:Envelope>
```

Collection Point Shipment order—response:

Response:

```
<xs:complexType name="CollectionPointReturn">
  <xs:sequence><xs:element name="ConsignmentNumber" type="xs:string" nillable="true" minOccurs="0"/>
  <xs:element name="LabelURL" type="xs:string" nillable="true" minOccurs="0"/>
</xs:sequence>
```

Field Name	Type	Description	Comments
ConsignmentNumber	String	Consignment Number	
LabelURL	string	Label URL: link to piece label (pdf)	

CP

NOUTOPISTELÄHETYS
DB SCHENKER

Toimitusosoite
R-KIOSKI ESPOO KUITINMÄKI
KUUNKEHRÄ 4
02210 ESPOO

Pnro: 02210

Yritys-ID: _____
Lähetys-ID: 988003834482
Viite: RECEIVER REF
Paino: 2 kg



988003834482

Vastaanottaja: **RECEIVER ADDRESS 1**
02280 ESPOO
CONTACT
12346

Pakettiennakko: 0,00 EUR

Noutopiste:
6073

FI

Lähetäjä: DB SCHENKER DEMO
TIKKURILANTIE 147
01530 VANTAA

Puhelin: _____
Päiväys: 7.2.2019
myschenker.fi

Long

DB SCHENKER **NOUTOPISTE**

Toimitusosoite
TOTTE PÄ HÖRNET
TORGATAN 12
22100 MAARIANHAMINA

Pnro: 22100

Yritys-ID: _____
Lähetys-ID: 988003834481
Viite: RECEIVER REF
Paino: 2 kg



988003834481

Vastaanottaja: **RECEIVER ADDRESS 1**
20200 TURKU
CONTACT
12346

Pakettiennakko: 0,00 EUR

Noutopiste:
8052

FI

Lähetäjä: DB SCHENKER DEMO
TIKKURILANTIE 147
01530 VANTAA, Y-1234567-8

Puhelin: _____
Päiväys: 7.2.2019
myschenker.fi