



SCHENKER

Price Online Sweden API

Version 4.5

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1. Price Online Sweden

Price Online Sweden is a user-authenticated service. Authorization is applied for here (only in Swedish):

<http://www.schenker.se/access>

The service gives customers the possibility to connect to DB Schenker's systems and always get accurate information.

Using the API you can create a request to calculate the cost of a consignment according to your contract.

Requested prices are to follow the "Terms and conditions", please see the following link for more information:

<https://www.dbschenker.com/se-en/meta/terms-and-conditions>

Below you find some examples. You can run them if you add your own information, like customer number and your administrator's email address. Just copy and paste the examples into your web browser to get an overview of the possibilities.

The service can be invoked by http Request using XML or HQF (http Query Format) and can also be returned in these two formats. Examples of requests and responses for both ways can be found in this document.

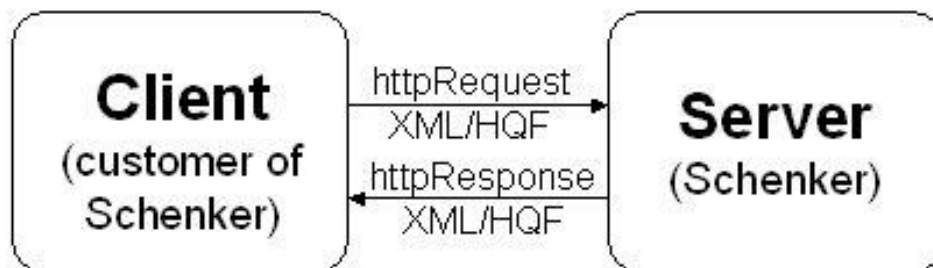


Figure 1 Flowchart of the service

For further information of how DB Schenker's online services are built and should be invoked we recommend reading our separate introduction document.

URL to use for HQF (only **POST**):

https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3

URL to use for XML (only **POST**):

https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?xml=

2. General variables/nodes

The general variables are for administrating communication and are mutual for all communication. The variables are request, response and system.

The variable data_list is an array with the message information which is specific per method. For XML it will be <request>, <response>, <system> and <data_list> which consists of <data index="?"> nodes with the message information.

An XML document can only contain one top node and so we enclose the above-mentioned nodes with <xml>. A request will thus have the following structure:

```
<?xml version="1.0"?>
<xml>
  <request>...</request>
  <response>...</response>
  <system>...</system>
  <data_list>
    <data index="0">...</data>
  </data_list>
</xml>
```

The title '**M**' symbolizes mandatory field. Sometimes you will find an "**A**" here. This means that the field is mandatory only if request comes from an external part.

2.1 Request

Contains information **to** the service.

Add prefix 'request.' to the variables if using HQF or place the nodes under <xml><request> if using XML.

Name - hqf	Name - xml	M	Type	Standard	Length	Explanation
service.action	<service><action>	M	String	WDR	10	Value 'select'
service.method	<service><method>	M	String	WDR	10	Value 'calculate'
user.user_name	<user><login_name> >	M	String	WDR	10	Username
user.password	<user><password>	M	String	WDR	10	Password
user.e_mail	<user><e_mail>	M	String	WDR	40	The customer administrator's e-mail address.
format.mime	<format><mime>		String	WDR	40	The desired output format: text/xml for xml, text/plain for hqf and text/html for html.
admin.e_mail	<admin><e_mail>	M	String	WDR	40	The system supplier's support email address.

2.2 Response

Contains information **from** the service.

Is found after prefix 'response.' If using HQF or under <xml><response> if using XML.

Name - hqf	Name - xml	M	Type	Standard	Length	Explanation
service.name	<service><name>	M	String	WDR	-	Name of the service.
service.version	<service><version>	M	String	WDR	-	Version number (3.00)
data_list_count	<data_list_count>	M	Int	WDR	-	Number of items in the data_list.

2.3 System

Contains error code generated **from** the system. For HQF system.error.id=0 means OK. For XML <system><error><id>0</id></error></system> means OK.

Also contains statistic variables **to** the system. Add prefix 'system.' If using HQF or place the nodes under <xml><system> if using XML.

Name – hqf	Name – xml	M	Type	Standard	Length	Explanation
error.id	<error><id>	M	Int	WDR	5	Error code
error.message	<error><message>		String	WDR	100	Error message
statistics.remote.country_code	<statistics><remote><country_code>	M	String	WDR	-	Country code for client, ex. 'se' or 'us'
statistics.remote.send_data_format	<statistics><remote><send_data_format>	M	String	WDR	-	Clients way of sending the request, 'xml' or 'hqf' (Http Query Format).
statistics.remote.access_type	<statistics><remote><access_type>	M	String	WDR	-	Clients request type, 'A' (browser)
statistics.remote.application_name	<statistics><remote><application_name>	M	String	WDR	-	The system integrator's calling application or system; like Unifaun Online, Unifaun Printserver, LogTrade Online, Apport.net, EdiCom Tranport, Centiro C3Win.
statistics.user.return_mime_format	<statistics><user><return_mime_format>	M	String	WDR	-	The request's response format, like 'text/plain', 'text/html', 'text/xml' or 'text/vnd.wap.wml'
statistics.user.organization_id	<statistics><user><organization_id>	M	String	WDR	-	The system supplier's VAT-number or organizational number.
statistics.user.language_code	<statistics><user><language_code>	M	String	WDR	-	Language code for client, ex. 'sv_se'
Statistics.remote.admin_email	<statistics><remote><admin_email>	M	String	WDR	-	The system supplier's support email address.

3. Message IFTMIN – request

Requests the price of a transport.

Information being sent **to** the service along with the request variables.

In the field (M) Mandatory there are four fields marked with an 'A'. The conditions for these are to be found among the explanations. The fields marked with a 'C', refers to the field being conditional, depending on product and/or agreement (contract).

Add prefix 'data_list.0.' to variable for HQF or place the node under <xml><data_list><data index="0"> for XML..

When **Type** is **Boolean** only value 0 or 1 can be used where 0=no and 1=yes.

When **Type** is **Float**, x,y is interpreted as x number of integers and y number of decimals. For example consignment_cube: 3,3 means three integers and three decimals, like 020,202.

When calculating a price for Parcel with multiple packages having different dimensions, the number of packages, total weight, total volume and the length of the longest package should be sent in.

Name – hqf	Name – xml	M	Type	Standard	Length	Explanation
consignor_identification	<consignor_identification>	M	String	NAD-CZ DE 3039	8	The customer's customer number at DB Schenker.
contract_condition_code	<contract_condition_code>	M	String	TSR 4065-PAR 4065-SYS	3	Product name: PAR = DB SCHENKERparcel PAB = DB SCHENKERparcelbox PAK = DB SCHENKERparcel Ombud PSE = DB SCHENKERparcelShopEurope SYS = DB SCHENKERsystem SYH = DB SCHENKERsystem Home PEX = DB SCHENKERsystem Premium CDD = DB SCHENKERcoldSped Direct LTL = DB SCHENKERPartLoad FTL = DB SCHENKERFullLoad

Name – hqf	Name – xml	M	Type	Standard	Length	Explanation
consignment_gross_weight	<consignment_gross_weight>	M	Float	CNT 6069-7 DE 6066 Unit 6411	5,1	Weight (Kilogram). Mandatory for all products.
consignment_cube	<consignment_cube>		Float	CNT 6069-15 DE 6066 Unit 6411	3,3	Volume (m3). For all products.
consignment_loading_meters	<consignment_loading_meters>		Float	CNT 6069-ZLM DE 6066	2,1	Loading meters. For products 'SYS', 'LTL', 'FTL'.
consignment_length	<consignment_length>		Float		3,2	Length (m). For all products. Is used together with Width and Height instead of Volume/Loading meters.
consignment_width	<consignment_width>		Float		3,2	Width (m) For all products. Is used together with Length and Height instead of Volume/Loading meters.
consignment_height	<consignment_height>		Float		3,2	Height (m). For all products. Is used together with Width and Length instead of Volume/Loading meters.
is_collect	<is_collect>	A	Boolean	TSR 7273=CCT	1	Consignee pays. Mandatory for all products. (DB Schenker unique code) Value = 1 or 0
is_express	<is_express>		Boolean	TSR 7273=EXP	1	Additional service Express. (DB Schenker unique code) Value = 1 or 0
is_advise_service	<is_advise_service>		Boolean	TSR 7273=ADS	1	Additional service Advising. (DB Schenker unique code) Value = 1 or 0 Available for all products except 'PAK'. Available for 'PAR' and 'SYS'
is_dangerous_goods	<is_dangerous_goods>		Boolean	TSR 7273=DAG	1	Additional service Dangerous goods. Does not apply for 'PAR' and 'PAK'. (and CDD, PEX) (DB Schenker unique code) Value = 1 or 0
is_hot_goods	<is_hot_goods>		Boolean	TSR 7273=HOT	1	Additional service Hot goods. Does not apply for 'PAR' and 'PAK'. (and CDD, PEX) (DB Schenker unique code) Value = 1 or 0
is_delivery_date_time	<is_delivery_date_time>		Boolean	TSR 7273=TID	1	Additional service Time specific unloading. Does not apply for 'PAR' and 'PAK'. (DB Schenker unique code) Value = 1 or 0
cash_on_delivery	<cash_on_delivery>		Int	TSR 7273=COD	7	Additional service COD (SEK). (DB Schenker unique code) Only available for product 'PAK'
expanded_insurance	<expanded_insurance>		Int	TSR 7273=INS	6	Extended Cargo Insurance (SEK). (DB Schenker unique code) Requested insurance amount should be within range 1-400000. For 'PSE' is maximum amount 100000.
country_code	<country_code>		String		3	Country code. Use two letter codes according to ISO 3166. Only applies for 'PAR' & 'PSE'. SE/Sverige is default.
percentage_charge	<percentage_charge>		Float		3,1	An additional charge in percent. Applies for all products.
charge	<charge>		Int		6	An additional charge in SEK. Applies for all products.
number_of_packages	<number_of_packages>		Int		5	Number of packages. Only applies for 'PAR' and 'PAK'. 1 is default.
consignor_zip_number	<consignor_zip_number>	M	String		5	The postal code of the consignor party. Applies for all products.
consignee_zip_number	<consignee_zip_number>	M	String		5	The postal code of the consignee party. Applies for all products.

Name – hqf	Name – xml	M	Type	Standard	Length	Explanation
is_edi_customer	<is_edi_customer>		Boolean		1	An additional administrative fee will be added for a non EDI customer. Value 1 = Yes or 0 = No, 1 is default.
number_of_pallet_places	<number_of_pallet_places>		Int		4	Quantity of pallet places if agreement on Pallplatspris (Pallet) exists. Applies for products 'SYS', 'LTL' and 'FTL'.
styck	<styck>		Int		4	Quantity of price per unit if agreement on Styck (Unit) exists. Applies for products 'SYS', 'LTL' and 'FTL'.
longis_home_delivery	<is_home_delivery>	A	Int		1	Home delivery to private person Applies for products below: Values for PAK: 1 (Home – Day with advice & e-POD) 2 (Home – Day without advice & e-POD) 3 (Home – Evening with advice & e-POD) If no alternative is chosen is_parcel_pickup=1 is set as default. Values for SYS, SYH, LTL, FTL: 1 = home delivery 0 = no home delivery (or leave out this parameter)
is_special	<is_special>		Boolean		1	Special Applies for product 'SYS' Value = 0 or 1
is_parcel_pickup	<is_parcel_pickup>		Boolean		1	Collect parcel Only applies for 'PAR' Value = 0 or 1
is_logistic_parcel	<is_logistic_parcel>		Boolean		1	Logistic parcel Only applies for 'PAR' Value = 0 or 1
is_expanded_insurance	<is_expanded_insurance>		Boolean	TSR 7273=INS	1	Additional service extended insurance of goods.
is_b10	<is_b10>		Boolean		1	System Premium 10 (delivery before 10:00). Applies only for "PEX"
is_b13	<is_b13>		Boolean		1	System Premium 13 (delivery before 13:00). Applies only for "PEX"
is_cat	<is_cat>		Boolean		1	Collect at Terminal
is_rfo	<is_rfo>		Boolean		1	Renewable fuel
is_adt	<is_adt>		Boolean		1	Fixed day TBA
is_cco	<is_cco>		Boolean		1	Climate Compensation
is_sms	<is_sms>		Boolean		1	Pre Notice SMS
is_sme	<is_sme>		Boolean		1	Pre Notice e-mail
is_erd	<is_erd>		Boolean		1	Driver notification (for Direct transport modes only)
is_dlq	<is_dlq>		Boolean		1	Limited Quantity. Only applies for 'PAB'
is_parcel_pickup_work	<is_parcel_pickup_work>		Boolean		1	Only applies for 'PAK'
is_fxd	<is_fxd>		Boolean		1	Fix Day Delivery
is_fxp	<is_fxp>		Boolean		1	Fix Day Pick Up
is_pum	<is_pum>		Boolean		1	Time Window Pick Up Morning
is_pua	<is_pua>		Boolean		1	Time Window Pick Up Afternoon
is_dlm	<is_dlm>		Boolean		1	Time Window Delivery Morning
is_dla	<is_dla>		Boolean		1	Time Window Delivery Afternoon

Name – hqf	Name – xml	M	Type	Standard	Length	Explanation
is_prp	<is_prp>		Boolean		1	Pre Notice Pick up
is_prd	<is_prd>		Boolean		1	Pre Notice Delivery
is_blf	<is_blf>		Boolean		1	Tail lift delivery
is_dld	<is_dld>		Boolean		1	Digital Lock Delivery
is_shr	<is_shr>		Boolean		1	Only applies for SYH Return Pick up

Example of an HQF request for Parcel Ombud, weight 20 kg.

[https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?
data_list.0.contract_condition_code=\[The product concerned, for example PAR\]
&request.service.action=select
&request.service.method=calculate
&data_list.0.consignor_identification=\[The sender's customer number\]
&data_list.0.consignment_gross_weight=20
&data_list.0.is_edi_customer=0
&system.statistics.user.return_mime_format=\[Desired response format, for example text/html\]
&system.statistics.remote.country_code=se
&system.statistics.user.language_code=sv
&system.statistics.user.organization_id=\[The system supplier's VAT number or organizational number\]
&system.statistics.remote.send_data_format=\[Sending format: hqf or xml\]
&system.statistics.remote.application_name=\[The system supplier's calling application\]
&system.statistics.remote.access_type=A
&request.admin.e_mail=\[The system supplier's support email address\]
&request.user.e_mail=\[The customer administrator's e-mail address\]
&request.user.login_name=\[UserID\]
&request.user.password=\[password\]](https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?data_list.0.contract_condition_code=[The product concerned, for example PAR]&request.service.action=select&request.service.method=calculate&data_list.0.consignor_identification=[The sender's customer number]&data_list.0.consignment_gross_weight=20&data_list.0.is_edi_customer=0&system.statistics.user.return_mime_format=[Desired response format, for example text/html]&system.statistics.remote.country_code=se&system.statistics.user.language_code=sv&system.statistics.user.organization_id=[The system supplier's VAT number or organizational number]&system.statistics.remote.send_data_format=[Sending format: hqf or xml]&system.statistics.remote.application_name=[The system supplier's calling application]&system.statistics.remote.access_type=A&request.admin.e_mail=[The system supplier's support email address]&request.user.e_mail=[The customer administrator's e-mail address]&request.user.login_name=[UserID]&request.user.password=[password])

Example of an XML request (same as above example)

To call the application, use the parameter "xml=dinXml" after the URL.

[https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?xml=
<?xml version="1.0" encoding="ISO-8859-1"?>
<xml>
<system>
<statistics>
<remote>
<country_code>se</country_code>
<send_data_format>\[Sending format: HQF or XML\]</send_data_format>
<admin_e_mail>\[The system supplier's support email address\]</admin_e_mail>
<access_type>A</access_type>
<application_name>\[The system supplier's calling application\]</application_name>
</remote>
</system>
<user>
<return_mime_format>\[The desired output format: for example text/html or text/xml\]</return_mime_format>](https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?xml=?<?xml version=)


```
<organization_id>[The system suppliers VAT-number or
organizational number]</organization_id>
  <language_code>SE</language_code>
</user>
</statistics>
</system>
<data_list>
  <data index="0">
    <contract_condition_code>PAR</contract_condition_code>
    <consignor_identification>[The customer's customer number]
</consignor_identification>
    <consignment_gross_weight>20</consignment_gross_weight>
  </data>
</data_list>
<request>
  <format>
    <mime>text/xml</mime>
    <type>full</type>
  </format>
  <service>
    <action>select</action>
    <method>calculate</method>
  </service>
  <user>
    <e_mail> [the customer administrator's email
address]</e_mail>
    <login_name>[UserID]</login_name>
    <password>[password]</password>
  </user>
</request>
</xml>
```

Example of an HQF request on DB SCHENKER system: weight 400 kg, home delivery and insurance of goods chosen, EDI client.

https://secure.webtrp.com/PriceOnlineSE_3/servlet/PriceOnlineSE_3?

```
data_list.0.contract_condition_code=SYS
&request.service.action=select
&request.service.method=calculate
&data_list.0.consignor_identification=[The customer's customer number at DB Schenker]
&data_list.0.consignment_gross_weight=400
&data_list.0.is_edi_customer=1
&data_list.0.is_home_delivery=1
&data_list.0.consignor_zip_number= 11521
&data_list.0.consignee_zip_number=41509
&data_list.0.is_expanded_insurance=1
&system.statistics.user.return_mime_format=[The desired output format. For example: text/html or
text/xml]
&system.statistics.remote.country_code=se
&system.statistics.user.language_code=sv
&system.statistics.user.organization_id= [The system suppliers VAT-number or organizational
number]
&system.statistics.remote.send_data_format=[Sending format: hqf or xml]
&system.statistics.remote.application_name=[The system supplier's calling application]
&system.statistics.remote.access_type=A
&request.admin.e_mail=[The system supplier's support email address]
```

&request.user.e_mail=[The customer administrator's email address]
&request.user.login_name=[UserID]
&request.user.password=[password]

Example of an XML request (same as above example)

To call the application with XML you put the parameter "xml=<yourXml>" after the URL.

```
https://secure.webtrp.com/PriceOnlineSE\_3/servlet/PriceOnlineSE\_3?xml=  
<?xml version="1.0" encoding="ISO-8859-1"?>  
<xml>  
  <system>  
    <statistics>  
      <remote>  
        <country_code>se</country_code>  
        <send_data_format>[Sending format: hqf or xml]</send_data_format>  
        <admin_e_mail>[The system suppliers support email address]</admin_e_mail>  
        <access_type>A</access_type>  
        <application_name>[The system supplier's calling application]  
        </application_name>  
      </remote>  
    <user>  
      <return_mime_format> [The desired output format. For example: text/html or  
text/xml]  
    </return_mime_format>  
      <organization_id>[The system suppliers VAT-number or organizational  
number]</organization_id>  
      <language_code>SE</language_code>  
    </user>  
  </statistics>  
</system>  
<data_list>  
  <data index="0">  
    <contract_condition_code>SYS</contract_condition_code>  
    <consignor_identification>[The customers customer number at DB  
Schenker]</consignor_identification>  
    <consignment_gross_weight>400</consignment_gross_weight>  
    <is_edi_customer>1</is_edi_customer>  
    <is_home_delivery>1</is_home_delivery>  
    <consignor_zip_number>11521</consignor_zip_number>  
    <consignee_zip_number>41509</consignee_zip_number>  
    <is_expanded_insurance>1</is_expanded_insurance>  
  </data>  
</data_list>  
<request>  
  <format>  
    <mime>text/xml</mime>  
    <type>full</type>  
  </format>  
  <service>  
    <action>select</action>  
    <method>calculate</method>  
  </service>  
  <user>  
    <e_mail>[The customer administrator's email address]</e_mail>  
    <login_name>[UserID]</login_name>  
    <password>[password]</password>  
  </user>  
</request>  
</xml>
```

4. Message IFTMCS – response

Returns requested price for transport.

Information returned **from** service along with response variables.

HQF

Add prefix 'data_list.0.' to variables.

XML

Place nodes under <xml><data_list><data index="0">.

Namn – hqf	Namn –xml	O	Typ	Standard	Längd	Förklaring
chargeable_distance	<chargeable_distance>		Int	QTY 6063-49	-	Chargeable distance between cities (Km).
breakpoint_weight	<breakpoint_weight>		Int	CNT	-	Breakpoint weight (Kilogram), actual weight.
chargeable_weight	<chargeable_weight>		Int	QTY 6063-100	-	Chargeable weight (Kilogram).
currency_code	<currency_code>		String	CUX 6345	-	Currency code. According to ISO 4217. (SEK/EUR)
freight_net_cost	<freight_net_cost>		Float	TCC 8023-551 DE 5004 Unit 6345	-	Net cost based on chargeable distance.
administration_fee	<administration_fee>		Float	TCC 8023-205 DE 5004 Unit 6345	-	Breakpoint weight (Kilogram), actual weight.
oil_charge	<oil_charge>		Float	TCC 8023-553 DE 5004 Unit 6345	-	Chargeable weight (Kilogram).
collect_fee	<collect_fee>		Float	TCC 8023-561	-	Fee for consignee freight, i.e. it assumes that "the paying customer" is "the receiver". (Pharos code)
freight_cost	<freight_cost>		Float	TCC 8023-??? DE 5004 Unit 6345	-	Freight cost. Is equal to: freight_net_cost + administration_fee + oil_charge + collect_fee.
gotland_charge	<gotland_charge>		Float	TCC 8023-560 DE 5004 Unit 6345	-	Gotland surcharge. (Pharos code)
pallet_fee	<pallet_fee>		Float	TCC 8023-451 DE 5004 Unit 6345	-	Pallet fee. (Pharos code)
freight_total_cost	<freight_total_cost>		Float	TCC 8023-??? DE 5004 Unit 6345	-	Freight cost 2. Is equal to: freight_cost + pallet_fee + gotland_charge.
express_fee	<express_fee>		Float	TCC 8023-578 DE 5004 Unit 6345	-	Express fee. (Pharos code)
advise_service_fee	<advise_service_fee>		Float	TCC 8023-905 DE 5004 Unit 6345	-	Notification fee. (Pharos code)
dangerous_goods_fee	<dangerous_goods_fee>		Float	TCC 8023-555 DE 5004 Unit 6345	-	Dangerous goods fee. (Pharos code)
delivery_date_time_fee	<delivery_date_time_fee>		Float	TCC 8023-TID DE 5004 Unit 6345	-	Time specific unloading fee (DB Schenker unique code)

Namn – hqf	Namn –xml	O	Typ	Standard	Längd	Förklaring
carrier_fee	<carrier_fee>		Float	TCC 8023-CAR	-	Carrier fee. (DB Schenker unique code)
cash_on_delivery_fee	<cash_on_delivery_fee>		Float	TCC 8023-901 DE 5004 Unit 6345	-	Cash on delivery fee. (Pharos code)
expanded_insurance_fee	<expanded_insurance_fee>		Float	TCC 8023-501 DE 5004 Unit 6345	-	Extended Cargo Insurance. (Pharos code). When requested insurance amount exceeds range 1-400000SEK or requested product does not go with extended insurance, then returned fee equals zero.
subscriber_insurance_fee	<subscriber_insurance_fee>		Float			Optional insurance fee for customers with subscription
currency_administration_fee	<currency_administration_fee>		Float	TCC 8023-???	-	Currency administration fee.
total_cost	<total_cost>				-	Total cost, excl VAT
charge_currency	<charge_currency>				-	
departure_place_name	<departure_place_name>		String		-	Location Consignor
destination_place_name	<destination_place_name>		String		-	Location Consignee
consignor_zip_number	<consignor_zip_number>		String		5	Postal code Consignor
consignee_zip_number	<consignee_zip_number>		String		5	Postal code Consignee
edi_fee	<edi_fee>		Float		-	An additional administrative fee will be added for an EDI customer. Edi fee in SEK or EUR
departure_place_charge	<departure_place_charge>		Float		-	Location surcharge Consignor
destination_place_charge	<destination_place_charge>		Float		-	Location surcharge Consignee
departure_place_type	<departure_place_type>		String		-	Type of location surcharge Consignor, see Appendix B for options.
destination_place_type	<destination_place_type>		String		-	Type of location surcharge Consignee, see Appendix B for options.
transport_document_number_charge	<transport_document_number_charge>		Float		-	Additional multiple package surcharge for Parcel.
customs_fee	<customs_fee>		Float		-	Customs fee for Parcel.
Home_delivery_fee	<home_delivery_fee>		Float		-	HomeDelivery fee
special_fee	<special_fee>		Float		-	Special fee
minimum_fee_deficit	<minimum_fee_deficit>		Float		-	Minimum debit item fee
parcel_pickup_work_fee	<parcel_pickup_work_fee>		Float		-	Parcel to work fee
is_extra_gotland	<is_extra_gotland>		String		1	"J"/"N". "J"= yes if destination=Gotland.
extra_gotland	<extra_gotland>		Float		-	Fee is included with this % of the net freight.
long_parcel_charge	<long_parcel_charge>		Float			Long parcel charge. Only applicable on "PAR" and "PAK".
bulky_parcel_charge	<bulky_parcel_charge>		Float			Bulky parcel charge. Only applicable on "PAR" and "PAK".
e09_fee	<e09_fee>		Float			For internal use only.
sm6_fee	<sm6_fee>		Float			For internal use only.
kba_fee	<kba_fee>		Float			For internal use only.
etb_fee	<etb_fee>		Float			For internal use only.
tia_fee	<tia_fee>		Float			For internal use only.
wbp_fee	<wbp_fee>		Float			For internal use only.
ete_fee	<ete_fee>		Float			For internal use only.
etc_fee	<etc_fee>		Float			For internal use only.

Namn – hqf	Namn –xml	O	Typ	Standard	Längd	Förklaring
b10_fee	<b10_fee>		Float			System Premium 10 (delivery before 10:00) fee. Only with "PEX" product
b13_fee	<b13_fee>		Float			System Premium 13 (delivery before 13:00) fee. Only with "PEX" product
rfo_fee	<rfo_fee>		Float			Renewable fuel
cat_fee	<cat_fee>		Float			Collect at Terminal
adt_fee	<adt_fee>		Float			Fixed Day TBA
cco_fee	<cco_fee>		Float			Climate Compensation
sms_fee	<sms_fee>		Float			Pre Notice SMS
sme_fee	<sme_fee>		Float			Pre Notice e-mail
dlq_fee	<dlq_fee>		Float			Limited Quantity
erd_fee	<erd_fee>		Float			Driver notification
fxd_fee	<fxd_fee>		Float			Fix Day Delivery
fxp_fee	<fxp_fee>		Float			Fix Day Pick Up
pum_fee	<pum_fee>		Float			Time Window Pick Up Morning
pua_fee	<pua_fee>		Float			Time Window Pick Up Afternoon
dln_fee	<dln_fee>		Float			Time Window Delivery Morning
dla_fee	<dla_fee>		Float			Time Window Delivery Afternoon
prp_fee	<prp_fee>		Float			Pre Notice Pick up
prd_fee	<prd_fee>		Float			Pre Notice Delivery
blf_fee	<blf_fee>		Float			Tail lift delivery
dld_fee	<dld_fee>		Float			Digital Lock Delivery
shr_fee	<shr_fee>		Float			Return Pick Up fee

Example of response:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<xml>
<system>

<response>
<service>
<version>4.0</version>
<name>PriceOnline_3</name>
</service>
<data_list_count>1</data_list_count>
</response>
<data_list>
<data index="0">
<freight_net_cost>233.00</freight_net_cost>
<currency_code>SEK</currency_code>
<destination_place_charge>0.00</destination_place_charge>
<charge_currency>0.00</charge_currency>
<minimum_fee_deficit>0.00</minimum_fee_deficit>
<gotland_charge>0.00</gotland_charge>
<dangerous_goods_fee>0.00</dangerous_goods_fee>
<customs_fee>0.00</customs_fee>
<delivery_date_time_fee>0.00</delivery_date_time_fee>
<information>01</information>
<chargeable_weight>0</chargeable_weight>
<cash_on_delivery_fee>0.00</cash_on_delivery_fee>
<express_fee>0.00</express_fee>
```

```
<currency_administration_fee>0.00</currency_administration_fee>  
<freight_total_cost>237.00</freight_total_cost>  
<distribution_charge>0.00</distribution_charge>  
<pallet_fee>0.00</pallet_fee>  
<breakpoint_weight>0</breakpoint_weight>  
<calculated_volume>0.00</calculated_volume>  
<administration_fee>0.00</administration_fee>  
<special_fee>0.00</special_fee>  
<carrier_fee>0.00</carrier_fee>  
<chargeable_distance>0</chargeable_distance>  
<freight_cost>237.00</freight_cost>  
<oil_charge>4.00</oil_charge>  
<home_delivery_fee>0.00</home_delivery_fee>  
<edi_fee>0.00</edi_fee>  
<departure_place_charge>0.00</departure_place_charge>  
<advise_service_fee>0.00</advise_service_fee>  
<transport_document_number_charge>0.00</transport_document_number_charge>  
<collect_fee>0.00</collect_fee>  
<parcel_pickup_work_fee>0.00</parcel_pickup_work_fee>  
<expanded_insurance_fee>0.00</expanded_insurance_fee>  
</data>  
</data_list>  
</xml>
```

Revision history

Version	Date	Comments
4.5	2024-12-12	Added new service RFO – Renewable Fuel
4.4	2024-11-15	Removed service B2C and added CAT
4.3	2024-10-11	Added new product PSE and removed DIR.
4.2	2023-10-01	Added new product SYH System Home and New services SHR Return Pick up
4.1.9	2022-06-22	Changed consignment_cube to three decimals
4.1.8	2022-03-27	Added new product PAB
4.1.7	2023-02-05	New URL to access the service
4.1.6	2022-04-01	Adjusted Cash On Delivery to be valid only for PAK
4.1.5	2021-04-12	Removed product: <ul style="list-style-type: none"> • DIR Added products: <ul style="list-style-type: none"> • LTL • FTL Added services: <ul style="list-style-type: none"> • FXP Fix Day Pick Up • FXD Fix Day Delivery • PUM Time Window Pick Up Morning • PUA Time Window Pick Up Afternoon • DLM Time Window Delivery Morning • DLA Time Window Delivery Afternoon • PRP Pre Notice Pick Up • PRD Pre Notice Delivery • BLF Tail lift delivery • DLD Digital lock delivery
4.1.4	2020-06-29	Removed products: <ul style="list-style-type: none"> • TER in favor of B2C (Terminal) service. • LPA. Added product CDD - DB SCHENKERColdSped Direct. Added services: <ul style="list-style-type: none"> • B2C (Terminal), • ADT (Fixed day TBA), • CCO (Climate Compensation), • SMS (Pre Notice SMS), • SME (Pre Notice e-mail), • ERD (Driver notification)
4.1.3	2019-12-31	Added product PEX with new B10 and B13 Premium Services (released Sept 2020)
4.1.2	2019-05-17	Added optional subscriber_insurance_fee field in response
4.1.1	2019-04-26	Added information in chapter 3 and 4 regarding extended insurance amount.
4.1	2018-06-27	Internal response codes added.
4.05	2017-12-06	Added information in chapter 3, regarding how to request price for parcel when having multiple packages with different dimensions
4.04	2017-11-01	New descriptions entered for the products: DBSCHENKER Privpak and DBSCHENKER Privpak Terminal to DBSCHENKER Parcel Ombud and DBSCHENKER System Terminalombud in the request in chapter 3. Examples of requests updated accordingly in chapter 3. The option IS_SKRYMME_CODE in the request, in chapter 3 is removed and instead Length/Width and Height should be given in the appropriate parameters. Corrected descriptions in the request in chapter 3 for: consignment_cube, consignment_length, consignment_width, consignment_height, is_collect, is_advise_service, is_delivery_date_time and is_special. New output parameters; long_parcel_charge and bulky_parcel_charge has been added in the response in chapter 4. Corrections of descriptions are made on delivery_date_time_fee in the response in chapter 4. Revision history removed from year 2007 and backwards in time.
4.03	2017-06-12	A link to "Terms and Conditions" added in chapter 1. Information regarding Number_of_pallet and Styck in the request in chapter 3 added. Information regarding Country_code in the request in chapter 3 updated. Appendix A with zone codes is removed.
4.02	2016-08-10	Consignor_zip_number and consignee_zip_number set to mandatory in chapter 3.

4.01	2016-05-20	The product Coldsped, CLD removed in chapter 3 and 4.
4.00	2015-02-02	Several changes due to the project Preparation to Compass contract_condition_code: SYS and DIR replaces COM destination_place_name removed departure_place_name removed value added tax in response removed. total_cost in response contains the total cost, excluding VAT consignor_zip_number added in response consignee_zip_number added in response Chapters with examples and information concerning those fields above are affected Changes done in chapters: 3 and 4. Changed link for apply for authorization.
3.03	2014-02-19	Old links removed in chapter 1.
3.02	2012-12-13	New product: TER = DB SCHENKERprivpak terminal. New response parameter: extra_gotland - Fee is included with this % of the net freight. New alternative for location surcharge added: 'T' – City surcharge.
3.01	2012-06-04	Correction of some URL's in chapter 1
3.00	2012-02-13	Correction of the following input parameter's size: Consignment_cube: old value: 6,2, new value: 3,2 Consignment_loading_meters: old value: 2,2, new value: 2,1 Consignment_length: old value: 6,2, new value: 3,2 Consignment_width: old value: 6,2, new value: 3,2 Consignment_height: old value: 6,2, new value: 3,2 Percentage_charge: old value: 4, new value: 3,1 Number_of_pallets_places: old value: 7, new value: 4 Styck: old value: 7, new value: 4 Removed parameter: budget_pallet_count, should be done earlier during revision 2.8 Added description of the interpretation of float x,y Adjusted calls (links) so that they are not been able to be executed, to minimize errors in input data. General walkthrough with smaller updates in chapters:1, 2.1, 2.2, 2.3, 3,4.
2.10	2010-12-06	Added information regarding e-service authentication including link to application form.
2.9	2010-10-12	Changes according to "Ortillägg paket". The destination and/or consignee zip number must be included for Parcel (PAR). Following changes in this document: <ul style="list-style-type: none">'Ortillägg' also for 'PAR'. consignee_zip_number in the request (chapter.3) is valid for 'PAR'.
2.8	2009-12-22	Changes according to "Prisfrågas förvaltningspaket 2009". Budget is no longer a valid product. Weight (consignment_gross_weight) is given as a float with the maximum of one decimal. Extra Gotland: New field (response), only for goods. "Comfort" changes name to "System" Appendix B is removed. All error messages and info messages are being sent from Mainframe (both code and text). Appendix C → Appendix B Codes in Appendix B updated.
2.7	2008-10-08	Three new types of home delivery and a new product – Privpak. <ul style="list-style-type: none">The field "is_home_delivery" is now of type Int where four different values can be chosen as long as Privpak is chosen.PAK, another product has been added as well as contract_condition_codeExamples has been updated.
2.6	2008-09-04	Changes in fields and appendix <ul style="list-style-type: none">The following fields are affected in chapter Message IFTMIN:<ul style="list-style-type: none">consignment_length - Newconsignment_width - Newconsignment_height - Newconsignment_cube - Can also be used for product parcelUpdated Appendix A: Changed country codes to EATA codes. If there is more one price for a country, a digit is used to get unique codes.Updated Appendix A: Removed country Madeira.
2.6	2008-01-25	Changes in fields <ul style="list-style-type: none">The following fields are affected in chapter Message IFTMIN:<ul style="list-style-type: none">is_expanded_insurance - New (has replaced expanded_insurance)expanded_insurance- Replaced by is_expanded_insurance (field still exists)is_parcel_pickup_work - Newis_home_delivery - Modified (new for Parcel)The following field is affected in chapter Message IFTMCS:<ul style="list-style-type: none">parcel_pickup_work_fee - New

Document: API Price Online Sweden - Specification of the
messages IFTMIN / IFTMCS
Request on Price Online



Version: 4.5
Document name: api_Schenker_PriceOnline_SE_45.pdf
Date: 2024-12-12

Schenker AB, IT-Division

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Appendix B

Location surcharge:

Type of location surcharge	Type of location surcharge letter
Island-Location surcharge	O
City surcharge	S
Sparsely populated area surcharge	G
City surcharge	T