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SP API is an opportunity to quote delivery price and see international carriers delivery service offers at one place.  
Follow the links below to provide and use SP API for online delivery booking.

## 1. Log in

Production server <https://www.sendparcel.com/rest-api>

Test server <https://develop.sendparcel.com/rest-api>

Log in: please contact us by e-mail [info@sendparcel.com](mailto:info@sendparcel.com), specify your IP address and account e-mail address.

Requests transmitted by **POST** method.

Responses are sent and received in **JSON** format: <https://en.wikipedia.org/wiki/JSON>

Weight is always indicated in kg, measurements in centimeters.

### Request:

```
POST / HTTP/1.0
Host: www.sendparcel.com/rest-api
User-Agent: parceldrive
Content-Length: 119
Content-Type: application/json; charset=utf-8
{
  "terminals": {"type":"ALL"}
}
```

### Response:

```
HTTP/1.1 200 OK
Date: Sun, 15 May 2016 20:11:24 GMT
Server: Apache/2.2.25
Content-Length: 256
Connection: close
Content-Type: application/json

[{"id":"563","termtype":"OMNIVA","zip":"69400","name":"Abja-Paluoja postkontor","type":"1","country":"EE","city":"Viljandi maakond","comment_est":"","comment_eng":"","comment_rus":"","comment_lav":"","comment_lit":"","modified_date":"2015-12-23 09:01:14"}]
```

### PHP example:

```
<?php
$arr = array(
  "orderCancel"=>array("id"=>55867110)
);

$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, "https://www.sendparcel.com/rest-api/return/postboxes");
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($ch, CURLOPT_POST, 1);
curl_setopt($ch,CURLOPT_HTTPHEADER,array("password: your_secret_password"));
curl_setopt($ch, CURLOPT_POSTFIELDS, json_encode($arr));
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
$result = curl_exec($ch);
curl_close($ch);

print_r(json_decode($result, true));
?>
```

## 2. Price quote

For price quote need to know parcel's details (shipper, recipient and package details). After quote choose the best delivery price from the most reliable international courier companies and order delivery service.

**Please note** that the following data will be automatically retrieved from the original quote and cannot be changed: postal code and country of the shipper and recipient, list of parcels and their characteristics. If you need to change these data, you must cancel the order and place a new order.

### 2.1. Request (POST method, address /rest-api/quotes)

	Necessary	
{		
"quote":{	+	
"packageType":"c_deze",	+	Package type. Possible attributes: <i>c_deze - box, c_dokumentai - documents, c_palete - pallet, c_vokas - envelope</i>
"value":"1000",	+	Parcel content value
"shipper":{	+	Shipper's details
"is_a_company":"false",		Shipper is a company
"country":"LT",	+	Country code
"postal_code":"12345",		Postal code
"city":"Kaunas"	+	City
},		
"recipient":{	+	Recipient's details
"is_a_company":"false",		Recipient is a company
"country":"IL",	+	Country code
"postal_code":"1301",		Postal code
"city":"Riga"	+	City
},		
"parcels":[	+	Packages
{		
"weight":5,	+	Weight
"length":5,	+	Length
"width":5,	+	Width
"height":5	+	Height
}		
]		
}		
}		

### 2.2. Response

{	
"shipper":{	Price calculating parameters
"is_a_company":"false",	
"country":"LT",	
"postal_code":"12345",	
"city":"Kaunas"	
},	
"recipient":{	
"is_a_company":"false",	
"country":"IL",	
"postal_code":"1301",	
"city":"Riga"	
},	
"parcels":[	
{	

"weight":5,	
"length":5,	
"width":5,	
"height":5	
}	
],	
"packageType":"c_deze",	
"value":"1000",	
"offers":[	
{	
"product":{	
"id":"38",	Service id
"name":"Express"	Service name
},	
"saddresstype":",	Shipper's address type
"raddresstype":",	Recipient's address type
"allow_insurance":"1",	Allow insurance
"allow_pickup":"1",	Allow pick-up
"delivery":"4-5",	Delivery term (working days)
"value_fee":{	Value fee
"formatted":"\u20ac21",	
"currency":"EUR",	Currency
"amount":21,	Amount
"amount_in_cents":2100	Amount in cents
},	
"price":{	Price without VAT
"formatted":"\u20ac101.38",	
"currency":"EUR",	
"amount":101.38,	
"amount_in_cents":10138	Amount in cents
},	
"price_vat":{	VAT
"formatted":"\u20ac0",	
"currency":"EUR",	
"amount":0,	
"amount_in_cents":0	
},	
"total_price":{	Total amount
"formatted":"\u20ac101.38",	
"currency":"EUR",	
"amount":101.38,	
"amount_in_cents":10138	
}	
}	
]	
}	

### 3. Place an order

Offers of delivery service depends on your request (sender's, recipient's and package type details entered in quote).

**Please note** that the following data will be automatically retrieved from the original quote and cannot be changed: postal code and country of the shipper and recipient, list of parcels and their characteristics. If you need to change these data, you must cancel the order and place a new order.

## 3.1. Request (POST method, address /rest-api/orders/creates)

{		
"orderCreate":{	+	
"packageType":"c_deze",	+	Package type
"value":"1000",		Parcel content value
"product_id":38,	+	Ordered delivery service ID
"insurance":"900",		
"contents":"used car radio",	+	
"pickup":{		
"date":"2016-03-13"		
},		
"shipper":{	+	
"name":"Jons Jonaitis",	+	
"companyName":"UAB TEST1",		Company name
"companyEcode":"123",		Company code
"companyTcode":"456",		Company VAT number
"country":"LT",	+	Country
"postal_code":"12345",		Postal code
"city":"Kaunas",	+	City
"address1":"SGatve",	+	Address
"address2":"sg.",		Address
"phone":"+370687000412",	+	Phone number
"email":"sstest@test.lt",		E-mail
"terminalid":"1",		Parcel machine ID. <i>Necessary by sending from parcel machine.</i>
"state":""		State
},		
"recipient":{	+	
"name":"Petras Petraitis",	+	Recipient's name
"companyName":"UAB TEST1",		Company name
"companyEcode":"123",		Company code
"companyTcode":"456",		Company VAT number
"country":"IL",	+	Country
"postal_code":"13011",		Postal code
"city":"Riga",	+	City
"address1":"RGatve",	+	Address
"address2":"rg.",		Address
"phone":"+370687000411",	+	Phone number
"email":"rrtest@test.lt",		E-mail
"terminalid":"2",		Parcel machine ID. <i>Necessary by sending to parcel machine.</i>
"state":"tmp"		State
},		
"customs":{	*	Information for customs. <i>Necessary by sending to non EU country.</i>
"sender_additional_param":"456",		Sender's TAX ID. <i>Necessary when delivery is from Brazil</i>
"receiver_additional_param":"456",		Receiver's TAX ID. <i>Necessary when delivery is to Brazil</i>
"reason":"gift",	*	<i>Possible attributes: gift, example, item, sell, return, guaranty, documents</i>
"vat_status":"company_pvm",	*	<i>Possible attributes: personal, company_no_pvm, company_pvm</i>
"vat":"19861110513",		Company code. <i>Necessary if vat_status=company_pvm</i>
"customs_receiver_type":"company",		Receiver's status. <i>Necessary when ordered id=38 delivery service to Turkey. Possible attributes: company, personal, foreign</i>
"customs_receiver_value":"1234",		Receiver's status value. <i>Necessary when ordered id=38 delivery service to Turkey.</i> <b>Company VAT code</b> if customs_receiver_type = company, <b>ID code</b> if customs_receiver_type = personal, <b>Passport number</b> if customs_receiver_type = foreign

"items":[		Items
{		
"description":"used car radio",		Description
"qty":"2",		Quantity
"value":"500"		Value, EUR
"HScode":"1234"		HS code. <i>Necessary when delivery country is Turkey.</i>
}		
]		
},		
"parcels":[	+	Packages
{		
"weight":5,	+	Weight
"length":5,	+	Length
"width":5,	+	Width
"height":5	+	Height
}		
]		
}		
}		

### 3.2. Response

{		
"id":"628805",		Order ID
"status":"2",		Order status. <i>Possible attributes: 0-Ongoing, 1-Waiting, 2-Completed, 3-Ongoing manually, 4-Cancelled</i>
"created_date":"2016-05-15 16:18:30",		Created order date
"shipper":{		Shipper
"name":"Jons Jonaitis",		Shipper's name
"company":"UAB TEST1",		Company name
"address1":"SGatve",		Address
"address2":"sg.",		Address
"city":"Kaunas",		City
"state":"","		State
"postal_code":"12345",		Postal code
"phone":"+370687000412",		Phone number
"country":"LT"		Country
},		
"recipient":{		Recipient
"name":"Petras Petraitis",		Recipient's name
"company":"UAB TEST1",		Company name
"address1":"RGatve",		Address
"address2":"rg.",		Address
"city":"Riga",		City
"state":"tmp",		State
"postal_code":"13011",		Postal code
"phone":"+370687000411",		Phone number
"country":"IL"		Country
},		
"parcels":[		Packages
{		
"weight":"5.00",		Weight
"length":"5.00",		Length
"width":"5.00",		Width
"height":"5.00"		Height
}		
],		

"price":{	Price without VAT
"formatted": "\u20ac101.38",	
"currency": "EUR",	
"amount": 101.38,	
"amount_in_cents": 10138	Amount in cents
},	
"price_vat":{	VAT
"formatted": "\u20ac0",	
"currency": "EUR",	
"amount": 0,	
"amount_in_cents": 0	
},	
"total_price":{	Total amount
"formatted": "\u20ac101.38",	
"currency": "EUR",	
"amount": 101.38,	
"amount_in_cents": 10138	
}	
}	

#### 4. Information about specific order

##### 4.1. Request (POST method, address /rest-api/orders/infos)

{	Necessary	
"orderInfo":{	+	
"id": 965003	+	Order ID
}		
}		

##### 4.2. Response

3.2 paragraph

#### 5. Parcel machine service (POST method, address /rest-api/returns/postboxes)

##### 5.1. Request

{	Necessary	
"terminals":{	+	
"type": "ALL"	+	Return carrier's parcel machine service
}		
}		

##### 5.2. Response

[	
{	
"id": "563",	Parcel machine ID
"termtype": "OMNIVA",	Carrier
"zip": "69400",	Postal code
"name": "Abja-Paluoja postkontor",	Name
"type": "1",	Type
"country": "EE",	Country
"city": "Viljandi maakond",	City

"comment_est": "",	Estonian comment
"comment_eng": "",	English comment
"comment_rus": "",	Russian comment
"comment_lav": "",	Latvian comment
"comment_lit": "",	Lithuanian comment
"modified_date": "2015-12-23 09:01:14"	Modified date
}	
]	

## 6. Shipping labels

Shipping labels (PDF) will be forwarded in few minutes. Shipping labels must be printed and attached to the each of packages.

**Please note** that the following data will be automatically retrieved from the original quote and cannot be changed: postal code and country of the shipper and recipient, list of parcels and their characteristics. If you need to change these data, you must cancel the order and place a new order.

### 6.1. Request (POST method, address /rest-api/orders/documents)

{	Necessary	
"orderFiles":{	+	
"id":751368	+	Order ID
}		
}		

### 6.2. Response

[	
{	
"file_name": "terminai-salygos.pdf",	File name
"ftype": "application/pdf",	File format
"file_data": "JVBEZgoxMTEExOTAKJSVFT0Y="	File data format: base64
}	
]	

## 7. Parcel tracking

Use your order number for tracking after collection scan or after the parcel has left sender's country.

### 7.1. Request (POST method, address /rest-api/tracks)

{	Necessary	
"orderTrack":{	+	
"id":751368	+	Order ID
}		
}		

### 7.2. Response

[	
{	
"from": "Lithuania, LE RUSSEY",	Shipper's country, shipper's city
"to": "France, LE RUSSEY",	Recipient's country, recipient's city
"info": [	
{	
"date": "2016-09-07 16:31:47",	Date



"event": "Shipment picked up",	Event
"location": "VILNIUS - LITHUANIA"	Location
},	
{	
"date": "2016-09-07 23:10:52",	Date
"event": "Arrived at Sort Facility LEIPZIG - GERMANY",	Event
"location": "LEIPZIG - GERMANY"	Location
},	
{	
"date": "2016-09-08 13:38:05",	Date
"event": "Delivered - Signed for by",	Event
"location": "MULHOUSE - FRANCE"	Location
}	
]	
}	
]	

## 8. Order cancellation

Order can be cancelled before pick-up. Cancel the wrong order (by the links below) and place the correct new order.

### 8.1. Request (POST method, address /rest-api/orders/cancels)

{	Necessary	
"orderCancel":{	+	
"id":751368	+	Order ID
}		
}		

### 8.2. Response

{	
"res":1	1 Status modified, 0 – Not modified
}	

## 9. Courier services ID

ID	SERVICE
<b>OMNIVA</b>	
Id=88	Omniva Express
Id=92	Omniva Parcel machine-parcel machine
Id=98	Omniva Parcel machine-courier
Id=99	Omniva Courier-parcel machine
id=73	Omniva Express LV
id=74	Omniva Parcel machine-parcel machine LV, EE
id=76	Omniva Parcel machine-courier LV, EE
id=101	Omniva Courier-parcel machine LV, EE
id=77	Omniva Import Express
id=78	Omniva Import Parcel machine-parcel machine
id=79	Omniva Import Parcel machine-courier
Id=100	Omniva Import Courier-parcel machine
<b>VENIPAK</b>	
id=42, id=102	Venipak Express (Lithuania)
id=43, id=103	Venipak Express PL (to Poland)

id=50	Venipak Import Express PL (from Poland)
id=83	Venipak Express FI (to Finland)
id=84	Venipak Import Express FI (from Finland)
id=86, id=104	Venipak Express LV, EE (to Latvia, Estonia)
id=87, id=105	Venipak Import Express LV, EE (from Latvia, Estonia)
<b>ITELLA, ITELLA/GLS</b>	
id=55	ITELLA Express (Lithuania)
id=56	ITELLA Economy (to Latvia, Estonia, Finland)
id=108	ITELLA Import Economy (from Latvia, Estonia, Finland)
id=57	ITELLA-GLS Economy (Europe)
<b>TNT</b>	
id=36	TNT Express
id=68	TNT Import Express
id=35, id=111	TNT Economy
id=69, id=112	TNT Import Economy
<b>DHL</b>	
id=38	DHL Express
id=45	DHL Import Express
id=41	DHL Economy
id=46	DHL Import Economy
<b>SP (Third country delivery services)</b>	
id=70	SP Express
id=71	SP Economy
<b>Sendparcel.com (Third country delivery services)</b>	
id=82	SendParcel Express
id=81	SendParcel Economy
<b>SIŪSK PIGIAU (drop-off at Sendparcel in Kaunas, Lithuania)</b>	
id=90	Siųsk pigiau Express
id=91, id=113	Siųsk pigiau Economy

## 10. Errors

{	
"code": 400,	Error code
"message": "Validation Failed";	Error text
"errors": {	Errors
"children": {	
"username": {	
"errors": [	
"This value should not be blank."	
]	
}	
}	
}	
}	
}	

**Last updates:**

<b>DATE</b>	<b>COMMENT</b>
10 January 2017	<b>2. Price quote, 2.2 Response</b> „Delivery term (working days)“ <b>3. Place an order, 3.2. Response</b> „Order status“
19 September 2017	<b>Log in:</b> Production server, Test server, Transmission methods, Request, PHP example <b>2. Price quote, 2.1. Request</b> „Package type“ <b>3. Place an order, 3.1. Request</b> <b>3. Place an order, 3.2. Response</b> „Order status“ <b>4. Information about specific order, 4.1. Request</b> <b>5. Parcel machine service 5.1. Request</b> „Return carrier’s parcel machine service“ - Necessary <b>6. Shipping labels, 6.1. Request</b> <b>7. Parcel tracking, 7.1. Request</b> <b>8. Order cancellation, 8.1. Request</b> <b>10. Errors</b>
16 October 2017	<b>3. Place an order, 3.1. Request</b> „Sender’s TAX ID“ „Receiver’s TAX ID“ „Receiver’s status“ „Receiver’s status value“
6 November 2017	<b>3. Place an order, 3.2. Response</b> „Price without VAT“, „VAT“, „Total amount“
5 April 2018	<b>Test server URL;</b> <b>9. Courier services ID</b> New courier services ID: <b>ID 88 and ID 92</b>
1 October 2018	<b>9. Courier services ID</b> New courier services ID: <b>ID 98, ID 99, ID 100 and ID 101</b>
23 October 2018	<b>9. Courier services ID</b> New courier services ID: <b>ID 102, ID 103, ID 104 and ID 105</b>
21 March 2019	<b>9. Courier services ID</b> New courier services ID: <b>ID 111, ID 112, ID 90, ID 91, ID 113</b>
3 June 2019	<b>9. Courier services ID</b> New courier services ID: <b>ID 108</b>