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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 [itsupport@sendparcel.com](mailto:itsupport@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(
  "terminals"=>array("type"=>"ALL")
);

$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, "https://www.sendparcel.com/rest-api/returns/postboxes");
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, 0);
curl_setopt($ch, CURLOPT_HTTPHEADER, array('Content-Type: application/json'));
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)

	Required	
{		
"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":"46353",		Postal code
"city":"Kaunas"	+	City
},		
"recipient":{	+	Recipient's details
"is_a_company":"false",		Recipient is a company
"country":"LV",	+	Country code
"postal_code":"1004",		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":"46353",	
"city":"Kaunas"	
},	
"recipient":{	
"is_a_company":"false",	
"country":"LV",	
"postal_code":"1004",	
"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)

	Required	
{		
"orderCreate":{	+	
"packageType":"c_deze",	+	Package type
"value":"1000",		Parcel content value
"product_id":38,	+	Ordered delivery service ID
"insurance":"900",		
"contents":"used car radio",	+	Contents
"pickup":{		
"date":"2016-03-13"		
},		
"shipper":{	+	
"name":"Jons Jonaitis",	+	Sender's name
"companyName":"UAB TEST1",		Company name
"companyEcode":"123",		Company code
"companyTcode":"456",		Company VAT number
"eoriNumber":"LT123",		EORI code
"country":"LT",	+	Country
"postal_code":"46353",		Postal code
"city":"Kaunas",	+	City
"address1":"SGatve",	+	Address
"address2":"sg.",		Address <i>Required if sending from DPD parcel locker - "postbox_id" value</i>
"phone":"+370687000412",	+	Phone number
"email":"sstest@test.lt",		E-mail
"terminalid":"1",		OMNIVA's parcel locker ID ("zip" value). <i>Required if sending from OMNIVA's parcel locker</i>
"state": ""		State
},		
"recipient":{	+	
"name":"Petras Petraitis",	+	Recipient's name
"companyName":"UAB TEST1",		Company name
"companyEcode":"123",		Company code
"companyTcode":"456",		Company VAT number
"eoriNumber":"LV123",		EORI code
"country":"LV",	+	Country
"postal_code":"1004",		Postal code
"city":"Riga",	+	City
"address1":"RGatve",	+	Address
"address2":"rg.",		Address <i>Required if sending to DPD parcel locker - "postbox_id" value</i>
"phone":"+370687000411",	+	Phone number
"email":"rrrtest@test.lt",		E-mail
"terminalid":"2",		OMNIVA's parcel locker ID ("zip" value). <i>Required if sending to OMNIVA's parcel locker</i>
"state":"tmp"		State
},		
"customs":{	*	Information for customs. <i>Required if sending to non EU country.</i>

"sender_additional_param":"456",		Sender's TAX ID. <i>Required when delivery is from Brazil</i>
"receiver_additional_param":"456",		Receiver's TAX ID. <i>Required when delivery is to Brazil</i>
"reason":"gift",	*	<i>Possible attributes: <b>gift, example, item, sell, return, guaranty, documents</b></i>
"vat_status":"company_pvm",	*	<i>Possible attributes: <b>personal, company_no_pvm, company_pvm</b></i>
"vat":"19861110513",		Company code. <i>Required if vat_status=company_pvm</i>
"customs_receiver_type":"company",		Receiver's status. <i>Required when ordered id=38 delivery service to Turkey. Possible attributes: <b>company, personal, foreign</b></i>
"customs_receiver_value":"1234",		Receiver's status value. <i>Required when ordered id=38 delivery service to Turkey. <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</i>
"items":[	*	Items
{		
"description":"used car radio",	*	Description
"country_origin":"LT",	*	Country code of where item was manufactured in
"qty":"2",	*	Quantity
"value":"500"	*	Value, EUR
"HScode":"1234"		HS code. <i>Required 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: <b>0-Ongoing, 1-Waiting, 2-Completed, 3-Ongoing manually, 4-Cancelled</b></i>
"tracking_number":"123456789",	Tracking number
"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":"46353",	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": "1004",	Postal code
"phone": "+370687000411",	Phone number
"country": "LV"	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)

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

##### 4.2. Response

3.2 paragraph

## 5. Parcel lockers list (GET method, address /rest-api/returns/postboxes)

To get a list of postal lockers of a specific courier, you need to use GET method and the following request, in which you need to specify the page number and the number of results per page (the number of pages is at the bottom of the GET request response): [https://www.siuskpigiau.lt/rest-api/returns/postboxes?page=1&filter\[type\]\[\]=omniva&per-page=200](https://www.siuskpigiau.lt/rest-api/returns/postboxes?page=1&filter[type][]=omniva&per-page=200)  
> Omniva courier name can be changed to 'dpd', 'lpexpress', 'venipak' or 'itella'.

### 5.2. Response

[	
{	
"id": "8360",	System ID
"termtype": "OMNIVA",	Carrier
"zip": "55551",	Postal code
"name": "Žiežmarių MAXIMA paštomatas",	Name
"type": "0",	Type
"country": "LT",	Country
"city": "Žiežmariai",	City
"address": "Žaslių g. 78, Žiežmariai, Kaišiadorių raj."	Parcel locker address
},	
{	
"id": 29572,	System ID
"termtype": "DPD",	Carrier
"zip": "03109",	Postal code
"name": "DPD Lietuva Konarskio Siuntų taškas",	Name
"country": "LT",	Country
"cityName": "Vilnius",	City
"address": "S. Konarskio g. 21",	Parcel locker address
"postbox_id": "LT10137",	Parcel locker ID
"hours": {	Working time
"MON": {	Day of the week
"openMorning": "08:00",	Opening from
"closeMorning": "12:00",	Closing time
"openAfternoon": "12:00",	Opening from
"closeAfternoon": "19:00"	Closing time
}	
}	
}	
}	
]	

## 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)

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



## 6.2. Response

[	
{	
"file_name": "terminai-salygos.pdf",	File name
"ftype": "application/pdf",	File format
"file_data": "JVBEZgoxMTExOTAKJSVFT0Y="	File data format: base64
},	
{	
"file_name": "terminai-salygos2.pdf",	File name
"ftype": "application/pdf",	File format
"file_data": "JVBEZgoxMTExOTAKJSVFT0Y="	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)

{	Required	
"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)

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

### 8.2. Response

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

## 9. Courier services ID

<i>ID</i>	<i>SERVICE</i>
<b>OMNIVA</b>	
Id=88	Omniva Express
Id=92	Omniva Parcel locker-parcel locker
Id=98	Omniva Parcel locker-courier
Id=99	Omniva Courier-parcel locker
id=73	Omniva Express LV
id=74	Omniva Parcel locker-parcel locker LV, EE
id=76	Omniva Parcel locker-courier LV, EE
id=101	Omniva Courier-parcel locker LV, EE
id=77	Omniva Import Express
id=78	Omniva Import Parcel locker-parcel locker
id=79	Omniva Import Parcel locker-courier
Id=100	Omniva Import Courier-parcel locker
<b>VENIPAK</b>	
id=42, id=102	Venipak Express (Lithuania)
id=160	Venipak Courier-Parcel locker (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)
id=132	ITELLA Courier-parcel locker (Lithuania)
id=133	ITELLA Courier-parcel locker (to Latvia, Estonia, Finland)
<b>TNT</b>	
id=36, id=159	TNT Express
id=68	TNT Import Express
id=35, id=111, id=140	TNT Economy
id=69, id=112	TNT Import Economy

<b>DHL</b>	
id=38	DHL Express
id=45, id=158	DHL Import Express
id=41, id=139	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, id=141	Siųsk pigiau Economy
<b>DPD</b>	
id=72	DPD Parcel locker-parcel locker (Lithuania)
id=52	DPD Parcel locker-courier (Lithuania)
id=127	DPD Parcel locker-parcel locker (to Latvia, Estonia)
id=126	DPD Parcel locker-courier (to Latvia, Estonia)
id=51	DPD Parcel locker-courier (to EU countries)
<b>LP EXPRESS</b>	
id=123	LP EXPRESS Express (Lithuania)
id=122	LP EXPRESS Economy
id=130	LP EXPRESS (Lithuania) Shipping label delivered by the courier
id=131	LP EXPRESS Shipping label delivered by the courier
id=134	LP EXPRESS Parcel locker-parcel locker (S)
id=135	LP EXPRESS Parcel locker-parcel locker (M)
id=136	LP EXPRESS Courier-Parcel locker (S)
id=137	LP EXPRESS Courier-Parcel locker (M)
<b>SST</b>	
id=151, id=152, id=153, id=154	SST Economy (Lithuania)
<b>FedEx (drop-off at Sendparcel in Kaunas, Lithuania)</b>	
id=128	FedEx Express

## 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 lockers list 5.1. Request</b> „Return carrier’s parcel lockers list“ - Required <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>
3 January 2020	<b>9. Courier services ID</b> New courier services ID: <b>ID 72, ID 52, ID 127, ID 126, ID 51, ID 123, ID 122, ID 128</b>
28 February 2020	<b>3. Place an order, 3.2. Response</b> Tracking number
6 May 2020	<b>9. Courier services ID</b> New courier services ID: <b>ID 130, ID 131</b>
30 June 2020	<b>5. Parcel lockers list, 5.2. Response</b> Added DPD Parcel lockers list
17 August 2020	<b>5. Parcel lockers list, 5.2. Response</b> DPD Parcel locker ID <b>3. Place an order, 3.1. Request</b> Address (when delivery is from/to DPD parcel locker)
28 September 2020	<b>9. Courier services ID</b> New courier services ID: <b>ID 132, ID 133</b>
11 February 2021	<b>9. Courier services ID</b> New courier services ID: <b>ID 134, ID 135, ID 136, ID 137</b>

17 February 2021	<b>9. Courier services ID</b> New courier services ID: <i>ID 139, ID 140, ID 141</i>
3 March 2021	<b>3. Place an order, 3.1. Request</b> „EORI code“ „Country code of where item was manufactured in“
16 June 2021	<b>9. Courier services ID</b> New courier services ID: <i>ID 151, ID 152, ID 153, ID 154</i>
27 October 2021	<b>9. Courier services ID</b> New courier services ID: <i>ID 160</i>