Domain: Messaging
Product: ReceiveSMS
Version: v1
Access: Pre-Commercial/Commercial

api@orange.com

API allows receiving mobile originating SMS message notification on user-provided application URL Required implemented Basic Authorization and TLS 1.2.

API details

The ReceiveSMS API is responsible for receiving and forwarding reports containing SMS content to the indicated endpoint. The client sends an SMS message to a given MSISDN number which is redirected to the specified endpoint.

If the message sending fails, the application will retry sending a maximum of two times every 15 min.

Authorization	Basic Authorization
HTTP Method	POST
Invoking API	To receive the message notification, user has to send SMS from device/mobile phone to dedicated number, assigned to the customer on the basis of the agreement. The assigned, dedicated number has the format of polish number in international format 48…. Using of the API requires the prior configuration of the number on the SMSC and defining the URL of the client application.
Message Content	SMS message sent to the API can contain any char string.
URI request sent to client application	URL: https://host/{applicationContext} where - *host:* name of the machine with running application - *applicationContext*: path to application receiving notification
URI request for	swagger 2.0 format: https://{host}/Messaging/v1/ReceiveSMS/doc.json

documentation	pdf format: https://{host}/Messaging/v1/ReceiveSMS/doc.pdf where: For commercial access **host** is apib2b.orange.pl For pre-commercial access **host** is apib2b-test.orange.pl
Remarks	The API is fully functional only for subscribers registered in Polish Orange network.

API Body Parameters

The request parameters for SMSOffnetNat operation are following:

Parameter	Description	Type
recordDate	Recorded date, format compliant to RFC 3339	String
msisdnFrom	Sender of the SMS message. Max 11 character long alphanumerical string that describes the sender	String
msisdnTo	Recipient of the SMS message in international format, i.e. 48610123456. Customer number with redirect SMS API service to client application - 11 character long number with country code i.e., 48501987654.	String
msg	Content of the received message	String
coding	UCS character encoding. This parameter is optional. Possible values are: true, false. The default value in API is set to true.	Integer
sendToClient	Sent to client date. Format compliant to RFC 3339	String

Codding type used at sending message:

Coding	Coding Name
0	X-Gsm7Bit
1	US_ASCII
3	ISO_8859_1
4	ISO_8859_1
5	JISAutoDetect
6	ISO-8859-5
7	ISO-8859-8
8	UTF-16BE
9	UTF_8

10	ISO2022JP
13	JISAutoDetect
14	EUC-KR
16	X-Gsm7Bit
24	UTF-16BE

API Response Body

Client's application should respond HTTP 200 OK with JSON formatted message in the body:

`{"status":"OK"}` - in case of successful processing

`{"status":"NOK", "description":"Some description"}` - in case of unsuccessful processing

In case of client's application response is not compliedwith the format described above, the HTTP 2xx codes will indicate the successful processing. In other case the HTTP codes will indicate the unsuccessful processing.

Examples

Example 1: SMS sent to client application

URL: https://customerhost.pl/customerApplication

Headers:

```
Authorization: Basic 1234567890
content-type: application/json
```

Body:


```
{
  "recordDate": "2024-06-26+09:14:36.006332+02:00",
  "msisdnFrom": "48000000000",
  "msisdnTo": "48000000000",
  "msg": "TEST_POST_MESSAGE",
  "coding": 12,
  "sendToClient": "2024-01-01T00:00:00.006332+02:00"
}
```


Example 2 Expected response from client application

```
HTTP/1.0 200 OK
{"status":"OK"}
```

Example 3: Receive SMS – Request for documentation in json format

https://apib2b.orange.pl/Messaging/v1/ReceiveSMS/doc.json

Example 4: Receive SMS – Request for documentation in pdf format

https://apib2b.orange.pl/Messaging/v1/ReceiveSMS/doc.pdf