SMS Gateway API ref. 2020-08-28

API Endpoint: https://smsapi.connectel.se/api/v2/<action>/

AUTHENTICATION

Token authentication

Token and authorizations are manageable through the web interface via your username & password login.

HEADERS

For sending SMS using JSON payloads:

Accept: application/json
Content-Type: application/json

For sending SMS using POST parameters:

Content-Type: application/x-www-form-urlencoded

THE SMS CHARACHTERS

When you send an SMS message over 160 characters the message will be split. Large messages are segmented into 153-character segments and sent individually then rebuilt by the recipient's device. For example, a 161-character message will be sent as two messages, one with 153 characters and the second with 8 characters.

If you include non-GSM characters like eastern characters in SMS messages, those messages have to be sent via UCS-2 encoding. Messages containing any UCS-2 characters are limited to 67 characters and will be concatenated into 67-character message segments, even if the messages contain less than 160 characters.

This tool can be used to calculate if your message will be split depending on the encoding in your message
https://chadselph.github.io/smssplit/

SENDING SMS – ONE RECIPIENT

https://smsapi.connectel.se/api/v2/send/

Description: Send an SMS to one recipient
Method: POST

Parameter	Req.	Type	Description
authorization	Yes	<string>	Token
sender	Yes	<string>	Originating party that will display on the recipient's phone. For alphanumeric senders the maximum length is 11 characters. For numeric senders 20.
recipient	Yes	<string>	Receiving party. The recipient parameter must be an internationally formatted number.
message	Yes	<string>	The SMS content message. The maximum length is 1600 characters.

Request response:

```
{
    "href": "https://smsapi.connectel.se/api/status/?authorization={YOURTOKEN}&message=RXV66UX9433XJ430.15986176764672468",
    "method": "GET",
    "recipient": "46700000000",
    "requestid": "RXV66UX9433XJ400.15986176764672468",
    "sender": "IKEA",
    "statusInt": 0,
    "statusStr": "ENROUTE"
}
```

SENDING SMS - BULK

https://smsapi.connectel.se/api/v2/send/

Description: Send an SMS to more than one recipient
Method: POST

Parameter	Req.	Type	Description
authorization	Yes	<string>	Token
sender	Yes	<string>	Originating party that will display on the recipient's phone. For alphanumeric senders the maximum length is 11 characters. For numeric senders 20.
recipient	Yes	<json obj>	Receiving parties. Each recipient parameter must be an internationally formatted number and have a connected unique identifier of type <string>. Example "recipient" = [{"Number1"46700000000"}, {"Number2": "46700000001"}] After a successful request the response will contain the number, your unique identifier together with a request-id for each recipients.
message	Yes	<string>	The SMS content message. The maximum length is 1600 characters.
bulk	Yes	<bool>	For sending bulk, this parameter should be set to *true*.

Request response:

```
{
    "bulkid": "BRCNMX2Z2.15986173923570037",
    "href": "https://smsapi.connectel.se/api/status/?authorization={YOURTOKEN}&bulkid=BRCNMX2Z2.15986173923570037",
    "method": "GET",
    "recipient": [
        {
            "key": "Number1",
            "recipient": "46700000000",
            "requestid": "RQW6LMR4QSE37SEA.15986173923570254"
        },
        {
            "key": "Number2",
            "recipient": "46700000001",
            "requestid": "R3COHH9PP6S0KlUK.15986173923570356"
        }
    ],
    "sender": "IKEA",
    "statusInt": 0,
    "statusStr": "QUEUED"
}
```

DELIVERY (Replaces STATUS)

https://smsapi.connectel.se/api/v2/delivery/

Description: Retrieves a delivery report update on the supplied bulk-id or request-id.
Method: GET

Parameter	Req.	Type	Description
authorization	Yes	<string>	Token
requestid	Yes	<string>	Supply the previously received request-id or bulk-id.

Request-id response:

```
{
   "action": "send",
   "date": "2020-01-01 14:00:00",
   "message": "",
   "recipient": "46700000000",
   "requestid": "RMH8ZYJWCWJYIB5A.15986181942392678",
   "sender": "conntest",
   "statusDesc": "",
   "statusInt": 1,
   "statusStr": "DELIVRD",
   "url": "https://smsapi.connectel.se/status/RMH8ZYJWCWJYIB5A.15986181942392678"
}
```

Bulk-id request response:

```
{
   "action": "send",
   "bulkid": "BFQKACELG.15986181942392488",
   "message": "",
   "recipient": [
      {
         "date": "2020-01-01 14:00:00",
         "recipient": "46700000000",
         "requestid": "RMH8ZYXWCWJYIB5A.15986181942392678",
         "statusDesc": "",
         "statusInt": 1,
         "statusStr": "DELIVRD",
         "url": ""
      },
      {
         "date": "2020-01-01 14:00:00",
         "recipient": "46700000001",
         "requestid": "RA5KDTPIIYSCAO6W.15986181942392778",
         "statusDesc": "",
         "statusInt": 1,
         "statusStr": "DELIVRD",
         "url": ""
      }
   ],
   "sender": "IKEA"
}
```

DLR – DELIVERY REPORTS

You can define a callback URL on your token settings and as soon as there is an update on one of your requests you will be sent a notification. Depending on your settings it will be sent as JSON Payload or POST parameters.

```
{
   "action": "dlr",
```

```
  "requestid": "RMH8ZYXWCWJYIB5A.15986181942392678",
  "tokenid": "<token id used in request>",
  "statusInt": 1,
  "statusStr": 1,
  "sender": "IKEA",
  "recipient": "46700000001"
}
```

DLR – DELIVERY STATUS CODES

Status	Status	Description
0	ENROUTE	SMS has been handed over to the operator and is pending delivery.
0	QUEUE	SMS has been temporarily stored in a bulk queue and will be sent shortly. This status is only used for bulk requests.
1	DELIVRD	SMS has been delivered to the recipient.
2	REJECTD	The SMS was rejected by the operator.
3	N/A	Reserved
4	N/A	Reserved
5	UNDELIV	The SMS was not delivered because the SMS could not be sent to the destination. This occurs when the destination cannot be resolved to a valid recipient.
6	N/A	Reserved
7	N/A	Reserved
8	EXPIRED	The SMS was sent to the operator, but the operator could not deliver the SMS to the recipient because the validity period expired. This usually indicates that the recipient handset was either turned off, out of coverage or for any other reason unable to receive the SMS from the operator. The validity period varies between operators.
9	UNKNOWN	An unknown error occurred.

RECEIVE SMS

In order to receive inbound SMS a number has to be requested by Connectel. Once requested the receive settings can be configured on your account.

```
URL
https://mycallback.com/api/v1/receive/

URL Method
JSON
```

Save settings

Request example

```
{
  "from": "35890010000",
  "to": "3581000000",
  "requestid": "RMH8ZYXWCWJYIB5A.15986181942392678",
  "message": "Your incoming message"
}
```