

Version 2.1

HTTP Interface API

for SMS Services



CLAUDE I.C.T.
P O L A N D

Claude ICT Poland Sp. z o. o.
WWW.TELECUBE.PL

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1. Foreword

Our SMS Service has been designed to allow you to integrate your application with our SMS Gateway in order to receive and send text messages. To successfully implement our API, your application should be able to support transmission over HTTPS and be able to parse XML or JSON responses.

Currently Claude ICT Poland offers cellphone numbers in Poland's national dialing plan that support voice and SMS messages. Alternatively, if you possess a GSM Gateway manufactured by Dinstar, OpenVOX or DBLtek, Claude ICT Poland has limited supported of their capabilities.

In order to use our SMS services, you must firstly hold and an account at Claude ICT Poland which has SMS services activated. Generally, this means you have accepted our Terms of Service including the fact that any messages transmitted via our API are subject to fees and charges, or fees and charges applied by your SIM card's carrier. Furthermore, Claude ICT Poland does not take any responsibility for the proper functioning of your code, including any downtime, omissions or errors.

The username and password used during all API calls, including the SMS Hash is not the same value used to access the Client Portal. To obtain your username, password and incoming SMS Hash, please login into our Client Portal at <https://panel.telecube.pl/>, then under "SMS Gateway" select "SMS Settings".

You can generate a new SMS Hash or API password at any time and it is advised to do so should you feel that either value has been compromised. Please keep in mind that by generating a new password or SMS Hash, you must update all instances of your software with the new password.

This documentation has been compiled to assist you in the implementation of our API for sending and receiving SMS messages. Should you have any questions or queries, please do not hesitate to contact us.

2. Revision History

Version	Date	Changes
1.0	2012-03-13	Document Created
2.0	2014-03-08	API Overhaul with new methods including incoming SMS messages
2.1	2018-12-20	Added method to validate SMS content prior to sending in response to the SMS Morality clause.

3. Introduction – Please Note

a. Communication Protocol

Please forward all your SMS Requests via HTTPS POST to the URLs presented in each scenario. Although the HTTP GET method in most cases has been implemented, it is strongly discouraged due to its limitations. Moreover, please ensure that your HTTP request contains the Content-Type field, which should be set to `application/x-www-form-urlencoded`.

Please do not forget to URL encode any “foreign” symbols before transmission otherwise your API request may fail or your messages may be delivered with unexpected characters.

Our API supports only UTF-8 hence please ensure that your data is encoded in UTF-8. All our responses are encoded in UTF-8.

For added security, we can only accept API calls from IP addresses defined in the Client’s Panel. Should you wish to manage your IP address, please access the Client’s Panel and follow to: “SMS Gateway” > “Integration (API)” > “IP Addresses”. Should an IP address not be defined, you will receive an `UNAUTHORISED_IP_ADDRESS` in the `error` field to your HTTP response.

If you are using the CURL Library in your programming language, please disable the `SSL_VERIFYPEER` option as this is known to cause failures.

b. Response Data Structure

By default, all our responses will be in JSON. The “`error`” field is a text field that contains information if an error has occurred. Should the API call be successful, the “`error`” field should contain “OK”, otherwise a relevant error code will be returned.

Support for XML is also possible if your programming language does not have JSON parsing support. To obtain responses in XML, simply append `/xml` to the end of the RESTful API call. For all XML responses, the fields will be encapsulated in the `<root>...</root>` root node.

Example 1: How to call the Claude ICT Poland SMS API and obtain a response in a given structure:

Response in JSON:	https://panel.telecube.pl/sms_api/send/
Response in JSON:	https://panel.telecube.pl/sms_api/send/json/
Response in XML:	https://panel.telecube.pl/sms_api/send/xml/

c. Definitions used throughout the API

All variable (field) names are case sensitive! Please be careful!

Date and Time: Should a given method include a time field, these values will be in Unixtime.

True and False: Variables that take on only true and false values are represented by a numerical enumeration of 0 – false or 1 – true. Should a variable not be mandatory for a given method and it has not been explicitly set, the default value will be substituted.

4. Incoming SMS Messages

a. Forwarding an incoming SMS to Claude ICT Poland

Use this method if you wish to forward an incoming SMS to our SMS Concentrator for further processing. Any message received on this API Method will be:

- Stored in the Client Panel;
- Forwarded to the defined email addresses (if SMS2Email is enabled);
- Your incoming SMS Notify callback URL will be triggered, in accordance to specification in section 4B (if Incoming SMS Callback is enabled).

REST API URL: [https://panel.telecube.pl/sms_api/incoming/{\\$1}](https://panel.telecube.pl/sms_api/incoming/{$1}),

where \$1 is the SMS Hash defined in the Client Panel

HTTP Request Structure:			
Parameter	Description	Default Value	Mandatory?
from_number	The "Caller ID" of the sender.		Yes
to_number	The telephone number of the Gateway Alias defined in the Client Panel for whom the SMS message was intended for.		Yes
sms_message	The content of the SMS message. Must be encoded in UTF8.		Yes
sms_date	The timestamp the SMS was received by your gateway.	NOW	No

Example 2:

https://panel.telecube.pl/sms_api/incoming/abcdef0123456789/json/?from_number=48111222333&to_number=48444555666&received_at=1353825932&message=This+is+a+test+message

HTTP Response Structure:	
Field	Description
error: OK	Your SMS message has been successfully saved.
error: INVALID_HASH	The SMS Hash as argument \$1 is invalid. Please check that the hash you have provided in the API call matches the SMS Hash in the Client's Panel.
error: UNAUTHORISED_IP_ADDRESS	The IP address provided has not been defined in the Client's Panel. Please ensure that the IP Address has been added under the "SMS Gateway" > "Integration (API)" > "IP Addresses".

error: MISSING_SMS_PARAMETERS	Please check that you are sending all the required parameters per the table above.
--	--

b. Receiving an SMS from Claude ICT Poland (Incoming SMS Callback)

If you have defined a HTTP/HTTPS URL in the Client’s Panel (under “SMS Gateway” > “Integration (API)” > “Callback URLs”), our system will push any incoming SMS messages to that URL with the following structure:

HTTP Request Structure:	
Parameter	Description
from_number	The “Caller ID” of the sender.
to_number	The telephone number of Gateway Alias defined in the Client Panel for whom the SMS message was intended.
sms_message	The content of the SMS message in UTF8.
sms_date	The timestamp the SMS was received by the gateway.

Please note and ensure the following:

- All variables will be sent via the HTTP POST method;
- All text will be encoded into UTF-8;
- For successful transmission, your API should return OK
otherwise our system will attempt to deliver this message every 5 minutes, for the next 2 hours.

5. Sending an SMS Text Message

We have developed a single method to capture all your outgoing SMS messages, regardless via which gateway, which sender ID, etc. you wish to have them routed through. The single method is described below with discrete examples provided below for a given scenario.

REST API URL: https://panel.telecube.pl/sms_api/gateway/,

Please Note: Your API Username and Password can differ to the one used to access the Client Panel.

HTTP Request Structure:			
Parameter	Description	Default Value	Mandatory?
username	Your Username used to access the SMS API. This can be different to the one used to access the Client's Panel.		Yes
password	Your Password used to access the SMS API. This can be different to the one used to access the Client's Panel.		Yes
to_list	A comma separated list with all your intended recipients. Currently, these recipients must be Polish numbers consisting of either a 9 digit (Polish cellphone) number or Polish number in E164 format (i.e. 48795000111). Note: You can post your contacts using either the to_list field or the to_file field – not both! Posting both fields will result in an error.		Yes or use to_file
to_file	A file uploaded via HTTP POST consisting of 1 telephone number per row. Currently, these recipients must be holders of Polish cellphone numbers consisting of either only a 9 digit number or Polish number in E164 format (i.e. 48795000111) Note: You can post your contacts using either the to_list field or the to_file field – not both! Posting both fields will result in an error.		Yes or use to_list

message	<p>The text of your SMS message encoded in UTF-8. The maximum length of your SMS message is defined by your gateway by the presence of special characters.</p> <p>Please see the References section as for limits.</p>		Yes
from	<p>The Sender ID that will appear on the recipient's mobile phone.</p> <p>To send your message via our "SMS Standard" product line – keep this field blank.</p> <p>To send an SMS using our SMS Premium services, please provide the predefined SMS Sender ID or the phone number assigned by Claude ICT Poland.</p> <p>To send an SMS via your SMS Gateway, please provide the Gateway alias.</p> <p>If your Sender ID has not yet been approved or if your SMS Gateway has not been defined, you will receive an error.</p>	<i>Blank</i>	No
send_datetime	<p>The UNIX Timestamp (EPOCH Time) when to send your message. You can schedule messages up to 3 months in advance.</p>	Current Timestamp	No

flash_sms 0 – false 1 – true	Should an SMS message appear immediately on the recipient's phone? Depending on the recipient's type of cell phone, in some cases these text messages cannot be saved. You cannot send a Flash SMS if your text message contains special characters.	0 (false)	No
sms_express 0 – false 1 – true	Would you like your message to be sent with a higher priority? The charge for this service is multiplied by 1,5 to the base charge of your SMS. This field is ignored if you are sending the same SMS message to multiple recipients or if your SMS message is being routed through your SMS Gateways.	0 (false)	No
remove_special_characters 0 – false 1 – true	Our algorithm will firstly translate all accented Polish characters to their non-accent equivalent (ą -> a, ę -> e, ó -> o, etc.) before removing all other characters that do not conform to the GSM7 Standard.	0 (false)	No
force 0 – false 1 – true	Accept messages regardless to their conformity outlined in section 9E. If set to false and a messages does not comply, we will reject this request.	0 (false)	No
notify_url	If you want to override the global callback URL for delivery reports, you may provide it here. Remember to encode the URL!	<i>Global Setting</i>	No
user_flag	You can set a value to assist you to identify this SMS transmission in your billing records.	<i>Blank</i>	No

After forwarding us your HTTP POST request, our Server will respond to in the format (JSON/XML) you requested.

HTTP Response Structure:	
Field	Description
error: OK	Your SMS message has been successfully queued. Additional arguments are described in the orange section of this table.
error: UNAUTHORISED_IP_ADDRESS	The IP address provided has not been defined in the Client's Panel. Please ensure that the IP Address has been added under the "SMS Gateway" > "Integration (API)" > "IP Addresses".
error: LOGIN_INCORRECT	Please check that your SMS API login and password are incorrect. If you have requested a new SMS password, please ensure you have updated your interface accordingly.
error: MISSING_RECIPIENT_DATA	No recipient data has been received. Either the <code>to_list</code> is missing or your file has not been posted in the <code>to_file</code> field of your request.
error: RECIPIENT_LIST_IS_EMPTY	After parsing and formatting your recipient list, it appears your list/file does not have any valid recipients.
error: ERROR_SAVING_UPLOADED_FILE	Your recipient file was unable to be saved. Please contact us.
error: RECIPIENT_DATA_CONFLICT	You sent both the <code>to_list</code> and the <code>to_file</code> field to our API and our API does not know which one should take precedence. Please resend your request with only one field.
error: MESSAGE_CONTENT_WARNING	The content of your SMS may not conform to standards described in section 9E. If you believe this is a mistake or you would like to force this message to be sent at your responsibility, please set <code>force=1</code> in your request and send again. If you see this message, your message has not been accepted.
error: MISSING_FIELDS	Not all mandatory fields have been posted. You will find a list of the missing values in the <code>fields</code> section of this response.
error: SENDER_ID_NOT_REGISTERED	The sender ID provided in the <code>from</code> field is not registered on our system. Please ensure it is added in the Client's Panel. If this is a SMS Gateway hosted by us (SIM Hosting) or in your office, please ensure that the Gateway Alias has been defined.

error: SENDER_ID_NOT_VERIFIED	The sender ID provided in the <code>from</code> field has not been verified. Please contact us to establish the stage at which the verification process is at.
error: INVALID_DATE_TME	The timestamp provided is invalid. It should be in UNIX's EPOCHTIME.
error: DATE_SET_TOO_FAR_INTO_FUTURE	The date provided in the timestamp is set to a value that is greater than three months into the future.
error: MESSAGE_TOO_LONG	Your SMS message is too long for this gateway.
error: INSUFFICIENT_FUNDS	You do not have sufficient funds to send this batch of SMSes. This could be because your prepaid balance is too low or you will exceed your credit limit when you send these messages.
message_id	The ID of your SMS task that our system has assigned to your request. Please use this value for any future calls to our API concerning this particular SMS Message.
recipient_count	A preliminary count of your recipients. This value may differ as each SMS is forwarded to the onward gateway and each number is verified by the end carrier. In the event of a negative response from the forward carrier, you will be refunded for any unsuccessful/invalid numbers.
recipient_list [<code>{.number, .status }</code> ,...]	An array of objects, whereby each individual object contains two fields: <code>number</code> – the telephone number of the recipient & <code>status</code> – the status of the message. The status codes are defined in the Reference chapter.
message_parts	The number of parts your SMS message consists of.
error_from	Should the value of <code>error</code> be not "OK", this value assists in tracing which module is responsible for raising this error.

a. To send an SMS to a single recipient provided in the arguments

The recipient's phone number should be either 9 digits long or 11 digits if it is provided in E164, whereby the first leading digits have a value of "48". The system will automatically trim any leading "+" from the beginning.

For this example, we will request the response to be in XML.

Example 3:

```
https://panel.telecube.pl/sms_api/gateway/xml/?username=sms_claudeapi&password=topsecret
&to_list=888222444&message=How+is%20are+you%3F (Where %20 represents / and %3F represents ? respectively.)
```

b. To send an SMS multiple recipients (with the same text)

All recipients should be represented by either 9 digit telephone numbers or 11 digits if they are forwarded in E164 format, whereby the first leading digits have a value of "48". The system will trim any "+" from the number. Any numbers that do not conform to this standard will automatically be removed, thus if all numbers do not conform to this standard, it is quite possible to receive `RECIPIENT_LIST_IS_EMPTY` error code in the response.

For this example, we will request the response to be in JSON. Furthermore, the number +61422333444 and 555666 will be ignored because they are not a valid Polish cellphone numbers.

Example 4:

```
https://panel.telecube.pl/sms_api/gateway/?username=sms_claudeapi&password=topsecret
&to_list=48505666333,888222444,555666,48795000111,+61422333444&message=
Chr%C4%85%C5%9Bzcz+brzmi+w+trzcinnie&remove_special_characters=1
```

Where `%C4%85`, `%C5%9B` represent the Polish letters `ą` and `ś` but because the `remove_special_characters` field is set, they will be transformed into `a` and `s`, yielding the final message: "Chraszcz brzmi w trzcinnie"

c. To multiple recipients from a text file (with the same text)

Rather than placing all your recipients in the `to_list` field of your request, you can upload a text file via the HTTP POST in a multipart form, which contains all your recipients! Just remember to adhere to the fact that numbers must be either 9 digits long (or 11 digits if in E164 beginning with "48"), and additionally store **1 number per line!** Our module will trim away any blank/empty rows and any characters that are not digits (e.g. letters).

For this example, we will demonstrate another way obtaining the output results in JSON, as well as, setting a custom callback URL where our API will return future reports.

Example 5:

```
https://panel.telecube.pl/sms_api/gateway/json/?username=sms_claudeapi&password=topsecret
&to_file=%MULTIPART_FILE%&message=Hello+world!&notify_url=
http%3A%2F%2Fserver.mysystem.com%2Fapi%2Fdelivery_reports
```

!! Don't forget to URL Encode all your fields !!

d. [At a later date \(up to three months in advance\)](#)

You can schedule your SMS delivery up to three months in advance and cancel (almost) at any time. Any delivery scheduled more than three months into the future will return an error `DATE_SET_TOO_FAR_INTO_FUTURE`. On the contrary, if the timestamp is less than the current system timestamp, your timestamp will be ignored and your message will be queued with us immediately.

For this example, because there is only one recipient and this message is of high priority, the SMS Express flag will be set. This message will be sent on April 6, 2014 at 11:15AM Warsaw time– just in time for our boss' morning coffee. However, should there have been more than 1 recipient of this message (like in example 4 or 5), the SMS Express flag will have no impact – it will simply be ignored.

Example 6:

```
https://panel.telecube.pl/sms_api/gateway/?username=sms_claudeapi&password=topsecret
&to_file=48888111000&message=Happy+BirthdayBoss!&send_datetime=1396782900&sms_express=1
```

e. [Send a text message as a Flash SMS Message](#)

A Flash SMS Message will immediately appear on the recipient's cellphone. Depending on the make and model of the end device, not all cellphones have the ability to save such messages. This feature is available only for messages sent via our gateways. If your SMS message contains special characters, this flag will be ignored and your message will be sent normally.

Example 7:

```
https://panel.telecube.pl/sms_api/gateway/xml/?username=sms_claudeapi&password=topsecret
&to_file=48888111000&message=A+flood+warning+has+been+issued+for+your+area&flash_sms=1
```

6. Checking the Status of Your Text Messages

a. By querying the progress of your text message

You can query our API to receive a comprehensive update on the progress of your SMS campaign. The `message_id` identifier is the value that was returned to you when you initially requested the SMS.

REST API URL: https://panel.telecube.pl/sms_api/getProgress/%MESSAGE_ID%/

HTTP Response Structure:	
Field	Description
error: OK	Your request has been successfully processed and the details are attached below per the structure in the orange section of this table.
error: UNAUTHORISED_IP_ADDRESS	The IP address provided has not been defined in the Client’s Panel. Please ensure that the IP Address has been added under the “SMS Gateway” > “Integration (API)” > “IP Addresses”.
error: LOGIN_INCORRECT	Please check that your SMS API login and password are correct. If you have requested a new SMS password, please ensure you have updated your interface accordingly.
error: MESSAGE_ID_NOT_FOUND	The SMS Message ID you have provided cannot be found in our system. Please ensure it is the value that was assigned to you when you initially called our API.
message_id	The SMS Message ID assigned during the initial API call.
recipient_count	The total number of recipients. This number includes properly formatted numbers and does not factor in numbers that do not officially exist, are in range to receive your SMS, etc.
recipient_list [<code>{.number, .status },...</code>]	An array of objects, whereby each individual object contains two fields: <code>number</code> – the telephone number of the recipient & <code>status</code> – the status of the message. The status codes are defined in the Reference chapter.
success_count	The total number of messages successfully forwarded/delivered.
failure_count	The total number of messages that failed or expired.
user_flag	The flag that you set when you posted the SMS Request to our server.
message_parts	The number of parts your SMS message consists of.

b. Receiving an update on your Callback URL

You can set a global Callback URL in the Client’s Panel, under the “SMS Gateway” > “Integration (API)” > “Callback URLs”, whereby our system will push to this URL any updates we receive from our forwarding gateway. Alternatively, you may choose to specify a callback URL for each individual SMS using the `notify_url` field in your SMS Request.

Our service will use the `HTTP POST` method to deliver these results. The response from our push should be the text value `OK`, alternatively our SMS mechanism will attempt to forward a delivery report for up to 2 hours. If the error appears to be a hard error, such as `CURL_28` (DNS Name cannot be resolved) or there is no route to your server, our mechanism will abort further attempts of delivering reports.

The number of individual reports (per number) will differ for each attempt as not to flood your API; sometimes there may be one report object per callback or sometimes twenty depending on how many records have changed since our last delivery attempt.

HTTP Request Structure:													
Parameter	Description												
<code>status[]</code>	An array containing a report for a particular number. Each element in the array is comma separated. <table border="1" style="margin-top: 10px;"> <thead> <tr> <th>Index</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Message ID – The identifier of the SMS message when it was initially sent to us.</td> </tr> <tr> <td>1</td> <td>Instance ID – our identifier of the particular instance of this SMS message.</td> </tr> <tr> <td>2</td> <td>The telephone number of the recipient</td> </tr> <tr> <td>3</td> <td>The status code per the enumeration provided in the References chapter.</td> </tr> <tr> <td>4</td> <td>If the message obtained a status of <code>DELIVERED</code>, this is the timestamp when the message was delivered per the information we received from the forwarding carrier. Otherwise, it will have default value of <code>-1</code>.</td> </tr> </tbody> </table>	Index	Description	0	Message ID – The identifier of the SMS message when it was initially sent to us.	1	Instance ID – our identifier of the particular instance of this SMS message.	2	The telephone number of the recipient	3	The status code per the enumeration provided in the References chapter.	4	If the message obtained a status of <code>DELIVERED</code> , this is the timestamp when the message was delivered per the information we received from the forwarding carrier. Otherwise, it will have default value of <code>-1</code> .
Index	Description												
0	Message ID – The identifier of the SMS message when it was initially sent to us.												
1	Instance ID – our identifier of the particular instance of this SMS message.												
2	The telephone number of the recipient												
3	The status code per the enumeration provided in the References chapter.												
4	If the message obtained a status of <code>DELIVERED</code> , this is the timestamp when the message was delivered per the information we received from the forwarding carrier. Otherwise, it will have default value of <code>-1</code> .												

Example 8: A structure of a delivery report in the content part of the HTTP Message:

```
status []=1000,5001,48668333444,DELIVERED,1396782900&status []=1000,5000,48795444333,EXPIRED,-1&status []=1000,5002,48111222333,REJECTED,-1
```

Where in the first `status []` element of the POST array:

- | | |
|---|---|
| 0) <code>Message_id</code> : 1000, | 1) <code>instance_id</code> : 5003, |
| 2) <code>Recipient's Number</code> : 48668333444, | 3) <code>status</code> : <code>DELIVERED</code> , |
| 4) <code>Delivery Timestamp</code> : 1396782900 | |

7. Cancelling a Scheduled SMS Message

You may attempt to cancel a scheduled SMS Message providing it is still queued on our local servers. Unfortunately, once we forward your message onto your/our gateway, we no longer have the ability to cancel the message as transmission to your carrier has already commenced.

REST API URL: https://panel.telecube.pl/sms_api/cancelSms

HTTP Request Structure:		
Parameter	Description	Mandatory?
username	Your Username used to access the SMS API. This can be different to the one used to access the Client's Panel.	Yes
password	Your Password used to access the SMS API. This can be different to the one used to access the Client's Panel.	Yes
message_id	The unique SMS Message ID that was assigned to you when your first forwarded the SMS for transmission.	Yes

The response to your request will be as follows:

HTTP Response Structure:	
Field	Description
error: OK	All remaining recipients in the queue have been cancelled and any charges (for messages not yet forwarded) have been returned to your account.
error: UNAUTHORISED_IP_ADDRESS	The IP address provided has not been defined in the Client's Panel. Please ensure that the IP Address has been added under the "SMS Gateway" > "Integration (API)" > "IP Addresses".
error: LOGIN_INCORRECT	Please check that your SMS API login and password are correct. If you have requested a new SMS password, please ensure you have updated your interface accordingly.
error: MISSING_MESSAGE_ID	The SMS Message ID provided in the HTTP Request could not be found.

8. Validating the content of your message

Should you have doubts if your message conforms to the morality clause as outlined in section 9E of the documentation, you can **POST** your message content to the URL below. If the response “may_be_invalid” is true, then your message may be blocked by onward carriers. However, you can still send this message at your own account by setting the field `force` to 1 in gateway method. This method will not send your message.

REST API URL: https://panel.telecube.pl/sms_api/validateContent

HTTP Request Structure:		
Parameter	Description	Mandatory?
username	Your Username used to access the SMS API. This can be different to the one used to access the Client’s Panel.	Yes
password	Your Password used to access the SMS API. This can be different to the one used to access the Client’s Panel.	Yes
message	The content of the message you would like to have validated for free.	Yes

The response to your request will be as follows:

HTTP Response Structure:	
Field	Description
error: OK	All remaining recipients in the queue have been cancelled and any charges (for messages not yet forwarded) have been returned to your account.
error: UNAUTHORISED_IP_ADDRESS	The IP address provided has not been defined in the Client’s Panel. Please ensure that the IP Address has been added under the “SMS Gateway” > “Integration (API)” > “IP Addresses”.
error: LOGIN_INCORRECT	Please check that your SMS API login and password are correct. If you have requested a new SMS password, please ensure you have updated your interface accordingly.
error: MISSING_MESSAGE_CONTENT	The message content field is missing from your request.
may_be_invalid Boolean: true or false	The Boolean response after assessing your message to see if it conforms to section 9E of this documentation.

9. References

a. Encoding and Special Characters

All SMS Messages are sent using the GSM7 standard. Characters that are included in this standard's character space are strictly: @£\$¥èéùìòçøåå_^{}\[~]|ÆæßÉ!"#¤%&'()*+,-./0-9:;<=>?A-ZÄÖÑÛŞ; a-zäöñüà <enter>

Some characters are counted as two characters because they must be "escaped" with a preceding character during the transmission. This applies to ^ { } [] ~ \ | <enter>

Should your text message contain any characters outside the GSM7 character space, then your message will be most probably sent in Unicode, thus greatly reducing the number of characters that make up one part.

b. Maximum Message Lengths

Due to the fact that your message will be sent in one of the two available standards, the total message length and the character count per message part will differ depending if your message contains special characters (or not). Should your message contain at least one special character (a character outside the normal GSM7 standard character space), your message will automatically be subject to character limits imposed by the Unicode character set.

SMS Message	Without special characters	With special characters (incl. Polish characters)
Part 1	160 characters	70 characters
Part 2	306 characters	134 characters
Part 3	459 characters	201 characters
Part 4	612 characters	268 characters
Part 5	765 characters	335 characters
Part 6	918 characters	402 characters

c. SMS Status Codes and Definitions

Status Code	Description
QUEUED	Your message is currently queued at the carrier's SMSC and is awaiting delivery to its final destination.
DELIVERED	Your message has been successfully delivered to the recipient.
REJECTED	The intended recipient of your message does not exist or the number you provided is not valid. Please Note: we currently deliver messages only to Polish numbers.
CANCELLED	Transmission of your message has been cancelled, however, some messages may already have been delivered or queued for delivery.

PENDING	Your message has been received and is awaiting forwarding to our onward carrier.
ON_HOLD	Transmission of your message has been temporarily halted due to insufficient funds or at your request.
EXPIRED	Our carrier has made an attempt to deliver your message, however, the message expired in the process due to the maximum retries. Your message was not delivered to the recipient.
REMOTE_ERROR	A remote error has occurred in our carrier's system. Your message cannot be delivered at this time.

d. GSM Gateway Limitations

If you currently own a Dinstar, OpenVOX or a DBLtek GSM Gateway, there is a possibility to integrate your device with our network so that incoming/outgoing SMS Messages are transmitted via your device and at the same time subject to the same callbacks as any other ordinary SMS Message routed via our network.

To use this capability, please contact us. Each port on your GSM Gateway will need to be defined in our system in order to transmit messages. These ports can be defined as either telephone numbers (of the SIM Cards you have in your SIM Banks) or as aliases that can logically point to a given port on the GSM Gateway.

To use your GSM Gateway, you simply define your device as a Gateway Alias (i.e. your SIM Card's Telephone Number or the name) in the Sender's ID field of your SMS. Our system will verify the Sender ID and match it to your username. If the sender's ID is invalid or it cannot be matched to your username, a `SENDER_ID_NOT_REGISTERED` error will be raised.

Over the course of developing the integration code with these two manufacturers, we have discovered errors that we cannot overcome unless the manufacturer removes them:

- Dinstar & OpenVOX Gateway: one SMS message can consist of up to 4 parts;
- Dinstar Gateway: if the CLIP information on an incoming SMS is not strictly a telephone number, the Dinstar GSM Gateway forwards us this data incorrectly.
- DBLtek: one SMS message can consist of only 1 part.

e. SMS Morality Clause

Some carriers may block delivery of your SMS message if they detect it affects good-character of a third party, violates laws, social norms or it promotes (contains) a premium number that if a user calls or sends a text message/MMS message they will be charged extra. We have added a mechanisms that *try* to warn you about the possibility before accepting your API request, as messages that do not conform and are subsequently rejected are not eligible for a refund.