

# HTTPS API Documentation



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# Introduction

SerwerSMS.pl allows you to send messages using the Customer Panel and functions available there as well as using the so-called remote service. Thanks to the latter method, it is possible to send and check the correctness of sent messages as well as access to other functions without having to log in to the Customer Panel.

Communication with SerwerSMS.pl takes place by calling the URL with the POST method with the appropriate parameters. An SSL encrypted connection (https) is recommended. As a response, a document in JSON or XML format is returned indicating the result of the action being called.

The maximum size of a single notification for sending a message is 100,000 numbers. It is recommended to send smaller amounts of data, eg 50-200 numbers in one application. If more than 100,000 or more personalized messages (number and message, above 10,000) are sent in a single application, a generic error will be generated and no messages will be sent. The service of remote service via HTTPS API also allows sending information about delivery reports and SMS replies directly to the Subscriber's URL address. In order for SerwerSMS.pl to automatically send information about delivery reports to the Subscriber, it is necessary to set the appropriate options in the Interface Settings tab (HTTPS XML API or settings in the appropriate section, eg ND / NDI) in the Customer Panel. More information on this subject can be found in the further part of the documentation.

It is recommended that communication via HTTPS API should be done with logins created specifically for connection via the API. The API user account can be created in the Client Panel [?](#) Interface settings [?](#) HTTPS XML API [?](#) Users.

It is also important to remember the format of the phone numbers provided. Each number should be in an international format, for example in the case of numbers of Polish cellular networks, it is +48500600700. Similarly, if the number is from another country's network, it should be preceded by the area code. Polish numbers that do not have the prefix number +48, if possible will be automatically adjusted to the required format, eg:

500 600 700 -> +48500600700

48500600700 -> +48500600700

0048.500600700 -> +48500600700

Foreign numbers must have a full international prefix preceded by the "+" sign (plus). In addition, pay attention to the length of the address sent by the GET method because if you send a larger amount of data, 255 characters may be exceeded. In this case, please send data by POST.

The address to which you should send requests to the HTTPS API is:

<https://api2.serwersms.pl/>

The default format for returned data is JSON. To call dispatch messages, use the structure:

[https://api2.serwersms.pl/messages/send\\_sms](https://api2.serwersms.pl/messages/send_sms)

or:

[https://api2.serwersms.pl/messages/send\\_sms.json](https://api2.serwersms.pl/messages/send_sms.json)

If you change the data format to XML, you must use the .xml extension in the URL:

[https://api2.serwersms.pl/messages/send\\_sms.xml](https://api2.serwersms.pl/messages/send_sms.xml)

Alternate address (HTTP or HTTPS):

<https://s1api2.serwersms.pl/>

In order to meet the expectations of our current and future customers, we provide the opportunity to check and test the service of remote service via HTTPS API for people who do not yet have accounts at SerwerSMS.pl. To use the test account you must log in to the following data:

Login: demo

Password: demo

Queries that in a normal account send messages, in this case only generate a return in the form of a document JSON / XML (the same as in the case of the parameter "test = 1"). Feedback is identical to the standard messaging . To accurately check

delivery reports and read your feedback has been sent two text messages and one reply SMS. In return, the following documents JSON:

Sent SMS 1:

```
{
  "success":true,
  "queued":1,
  "unsent":0,
  "items":[{
    "id":"c2451e1302",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-16 16:49:05",
    "parts":1,
    "text":"This is a test message from SerwerSMS.pl"
  }]
}
```

Sent SMS 2 (return in the form of an XML document):

```
<result>
  <success>1</success>
  <queued>1</queued>
  <unsent>0</unsent>
  <items>
    <item>
      <id>c2451e1302</id>
      <phone>+48783820099</phone>
      <status>queued</status>
      <queued>2014-10-17 16:00:15</queued>
      <parts>1</parts>
      <text>This is a test message from SerwerSMS.pl</text>
    </item>
  </items>
</result>
```

Reply to SMS ECO+ +:

```
{
  "items":[{
    "id":2469266,
    "type":"eco",
    "phone":"+48783820099",
    "recived":"2014-10-16 16:52:03",
    "message_id":"c2451e1302",
    "blacklist":false,
    "text":"Thank you for this information. Regards"
  }]
}
```

On the basis of the above information, you can successfully test and implement remote service to your own software so that the integration process itself after using the SerwerSMS.pl offer will be shorter and more reliable.

We also offer ready libraries to be used implementing the HTTPS API in the following programming languages:

- Client PHP <https://github.com/SerwerSMSpl/serwersms-php-api-v2>
- Client Node <https://github.com/SerwerSMSpl/serwersms-node-api>

- Client C# <https://github.com/SerwerSMSpl/serwersms-csharp-api>
- Client Java <https://github.com/SerwerSMSpl/serwersms-java-api>
- Client Python <https://github.com/SerwerSMSpl/serwersms-python-api>
- Client Ruby <https://github.com/SerwerSMSpl/serwersms-ruby-api>
- Client Perl <https://github.com/SerwerSMSpl/serwersms-perl-api>
- Client Bash <https://github.com/SerwerSMSpl/serwersms-bash-client>

All actions described in the documentation can be tested using the API console available at: <http://apiconsole.serwersms.pl/>

# General communications

If you do not specify an action, blocked customer account or provide incorrect customer data, SerwerSMS.pl will generate a document in JSON or XML format with information about the error that occurred. For example, if you provide an incorrect login or password, the client will see the following message:

```
{
  "error":
  {
    "code":1001,
    "type":"InvalidUser",
    "message":"Incorrect login or password"
  }
}
```

If you do not specify any action to be performed, the system displays a message:

```
{
  "error":
  {
    "code":1000,
    "type":"InvalidAction",
    "message":"Not specified action to execute"
  }
}
```

Preview error message can be checked with action:

error/[code]

example:

<https://api2.serwersms.pl/error/1000>

response:

```
{
  "error":
  {
    "code":1000,
    "type":"InvalidAction",
    "message":"Not specified action to execute"
  }
}
```

## The list of error codes returned by the API

Below is a table with codes and their associated text descriptions.

Code	Type	Description
<b>General</b>		
1000	InvalidAction	Not specified action to execute
1001	InvalidUser	Incorrect login or password
1002	InvalidRole	The user does not have permission to use the API

1003	InvalidIP	Unauthorized IP address
1004	InvalidID	Invalid parameter ID
1005	InvalidRole	No permission
1006	InvalidData	Niepoprawny format danych
1007	InvalidRole	Invalid data format
1008	InvalidRole	The user does not have permission to view the numbers
2000	ValidationRequiredError	Missing required parameters
2001	ValidationPhoneError	Invalid phone number
2002	ValidationCodeError	Invalid error code
<b>Messages</b>		
3000	SendError	Exhausted the limit of available SMS ECO+
3001	SendError	No permission to send messages SMS ECO+
3002	SendError	Exhausted the limit of available SMS FULL
3003	SendError	No permission to send messages SMS FULL
3004	SendError	Exhausted the limit of available MMS
3005	SendError	No permission to send messages MMS
3006	SendError	Exhausted the limit of available messages VOICE
3007	SendError	No permission to send messages VOICE
3008	SendError	No permission to send Flash SMS
3009	SendError	No permission to send messages SMS
3100	SendError	Sending SMS is blocked
3101	SendError	Message is empty
3102	SendError	Message exceeded the allowed number of characters
3103	SendError	Wrong number of recipients
3104	SendError	Not specified phone numbers
3105	SendError	Invalid message
3106	SendError	You can not use the name of the sender
3107	SendError	You do not have permission to send personalized messages
3108	SendError	Invalid time shipping
3109	SendError	Invalid file
3110	SendError	Too large number of messages to be transmitted, the maximum number of 000 to 100 text in a single application
3111	SendError	Error uniqueness

3200	SendError	Invalid characters in unique_id
3201	SendError	Uploaded unique_id are not unique
3202	SendError	Incompatible number of personalized and unique_id
3330	MessageError	No messages
3331	MessageError	Too many records to display.
<b>Pliki</b>		
4000	FileError	File is too large
4001	FileError	File does not exist
4002	FileInvalid	Invalid file
<b>Phone number/HLR</b>		
4100	PhoneError	Connection error
4101	PhoneError	Invalid number
4102	PhoneError	No permission to HLR
4103	PhoneError	Exhausted the limit of available queries HLR
4104	PhoneError	Account lockout
4105	PhoneError	Waiting for reply
4106	PhoneError	Invalid ID
<b>Premium</b>		
4200	PremiumError	Error shipping
4201	PremiumError	Incorrect data
<b>Account</b>		
4300	AccountError	No login
4301	AccountError	No password
4302	AccountError	No phone number
4303	AccountError	No email
4304	AccountError	No name
4305	AccountError	No surname
4306	AccountError	No firm name
4307	AccountError	Wrong number
4308	AccountError	Incorrect e-mail address
4309	AccountError	Too short login
4310	AccountError	Incorrect login



4311	AccountError	Incorrect firm
4312	AccountError	Login exists
4313	AccountError	Registration error
4320	AccountError	Not given the current password
4321	AccountError	Current password is incorrect
4322	AccountError	Not given a new password
4323	AccountError	New passwords do not match
4324	AccountError	Not given login
4325	AccountError	Invalid login
Sender name		
4400	SenderExists	Sender name already exists
4401	SenderError	Can not add the number as the sender's name
4402	SenderInvalid	Incorrect sender's name
4403	SenderError	Incorrect number
4404	SenderError	Incorrect code or number
4405	SenderError	The number was already active
Subaccounts		
4500	SubaccountError	No permission to department users
4501	SubaccountError	Subaccount can not create subaccounts
4502	SubaccountError	Login busy
4503	SubaccountError	No template permissions
4504	SubaccountError	Incorrect login or password
Black list		
4600	BlacklistError	No operation to complete
4601	BlacklistPhoneExists	Number is already on the list
4602	BlacklistError	Not found the specified number

# Sending SMS messages with the same content

## Calling address

In order to send an SMS message using the Remote Service, you must send a specific application via HTTP or HTTPS using the POST method.

messages/send\_sms

**WARNING!** To send an SMS FULL message fill in the sender field (alphanumeric name or number). If the sender parameter is omitted or its value is empty, an ECO + type SMS will be sent. Filling the parameter of the sender determines whether ECO + or FULL will be sent.

## Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
phone	String Array	+48500600700	Number or table phones numbers .
text	String	content	Message content.
flash	Boolean	true, false or none	An optional parameter.
test	Boolean	true, false or none	The optional parameter, so you can check out the question of sending SMS messages. In response document is generated JSON / XML identical to the standard question, but the message will not be sent. Useful for testing applications (debug).
sender	String	The alphanumeric name of the sender for example. "INFORMATION" own name, "2waySMS" or number 4 or 9-digit.	<b>The optional parameter allows you to change the sender field of SMS messages to almost any name or number. Each name of the sender must first be added to the Panel or API, and then approved by the administrator SerwerSMS.pl. Setting the name to "2waySMS" will replace the header with a random 9-digit number to which you can send a reply.</b>
wap_push	String	Address URL or none	An optional parameter.
utf	Boolean	true, false or none	An optional parameter allows you to send SMS FULL containing eg. Polish diacritics, Cyrillic, etc. Only available in SMS FULL. Using this option changes the maximum length of a single SMS from 160 to 70 characters.
details	Boolean	true, false or none	<b>The parameter displays in response to feedback details sent messages.</b>
vcard	Boolean	true, false or none	An optional parameter, which allows sending messages VCARD.

speed	Boolean	1, 0 or none	An optional parameter allows you to send an independent channel with the highest quality (extra charge).
date	DateTime	ISO eg. „2015-02-22 12:25:55”	An optional parameter allows you to specify the date of dispatch messages
unique_id	String Array	eg. 6asTD3fif98gj	An optional parameter allows you to define your own ID sent message. The identifier can be a minimum of 3 characters and a maximum of 50 alphanumeric characters (a-z, A-Z, 0-9). For group mailings, another unique_id must be unique and the number unique_id must be consistent with the amount of numbers.
group_id	String Array	eg. 123456789	ID or group IDs in the Customer Panel. These identifiers can be downloaded using action groups / index or by copying them from the editing group in the Customer Panel.
contact_id	String Array	eg. 123456789	ID or IDs of contacts in the Customer Panel. These identifiers can be downloaded using the stock contacts / index.
dlr_url	String	http://www.twojadres.pl/skrypt.php?smsid=#SMSID#&stan=#STAN#&data=#DATA#	This parameter allows the transmission method Push delivery reports on URL the Client. Setting this option to query the API overrides that in the settings in the Customer Panel. The address should be passed in encrypted form by the urlencode (). Address to forward reports applies to all messages submitted for execution within a single query. Available parameters: #SMSID# - message ID #STAN# - condition of delivery #DATA# - date of status change #PRZYCZYNA# - the reason for non-delivery messages

The parameters marked in bold are mandatory. The others are optional.

If you wish to send a message as a vCard (parameter "vcard = true"), the structure of the message must be in a particular format. An example of the Vcard format can be found in the generally available documentation on the Internet or using the Customer Panel and SMS form. The next tags in the Vcard message should be separated by a newline character.

The FULL SMS message that contains Polish special characters should be properly encoded in UTF-8 before sending. To send a message with Polish characters, the "utf = true" parameter must be set, the subscriber must be authorized to send SMS messages FULL and the sender field must be filled in (this means that an SMS FULL will be sent).

## Return response

Depending on the data sent, SerwerSMS.pl will generate a document in the JSON / XML format with information about the actions carried out. In the case of correctly sending an SMS message, the customer will receive, for example, the following

information:

```
{
  "success":true,
  "queued":1,
  "unsent":0
}
```

If you specify an additional parameter `details = true`, the answer feedback will be supplemented with details of sent messages that can be written in the database after the client software:

```
{
  "success":true,
  "queued":1,
  "unsent":0,
  "items":[{
    "id":"1c142d81c7",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-16 16:49:05",
    "parts":1,
    "text":"Test SerwerSMS.pl"
  }]
}
```

The "success" contains information about the success of the operation. The "queued" and "unsent" attributes include the number of queued and unsent messages. Section "items" contains phone numbers and message ID passed to send (and the messages are queued for a reason). The unique SMS tag can be used later to check the status of sending a specific SMS message remotely. The parameter "text" appears content sent SMS messages. The phone number is automatically corrected and displayed in full format required by SerwerSMS.pl or the country code (eg. 48) at the beginning.

In the case of providing, for example, a wrong phone number, an error message will be generated as well as a message ID (so that you can check later when and why it was not sent). For example, if two correct numbers and two wrong numbers are given, the system will generate the following JSON document:

```
{
  "success":true,
  "queued":2,
  "unsent":2,
  "items":[{
    "id":"32039da8e9",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"Test platform SerwerSMS.pl"
  },
  {
    "id":"844c2b4af0",
    "phone":"+48500600500",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"Test platformy SerwerSMS.pl"
  }
]
```

```

        "id":"6e373d7856",
        "phone":"45616",
        "status":"unsent",
        "queued":"2014-10-20 12:32:52",
        "error_code":3103,
        "error_message":"Incorrect number",

        "text":"Test platform SerwerSMS.pl"
    },
    {
        "id":"bf069fe2c1",
        "phone":"7799123",
        "status":"unsent",
        "queued":"2014-10-20 12:32:52",
        "error_code":3103,
        "error_message":"Incorrect number",
        "text":"Test platform SerwerSMS.pl"
    }
}

```

In addition, a general error can be generated where there is no delimitation to the queued. This can happen, for example, when the customer does not define the message content, does not provide phone numbers, his account is not active or there is another problem described in the error messages. If you do not enter the message, the following message will be generated:

```

{
  "error":{
    "code":3101,
    "type":"SendError",
    "message":"The message is empty"
  }
}

```

In the case of failure to provide telephone numbers:

```

{
  "error":{
    "code":3104,
    "type":"SendError",
    "message":"No specified phone numbers"
  }
}

```

## Recommended settings

In the case of medium and large amounts of messages sent several thousand or more, it is recommended to transfer messages in "packages" after about 50-200 numbers in a single query. This will speed up considerably the process of transferring the data to SerwerSMS.pl and reduce the amount necessary to send queries.

If you try to send messages to two or more of the same phone numbers in a single query, the system will only send a message once to that number.

The recommended timeout value for a single query is 30-60 seconds.

# Sending personalized SMS messages

## Calling address

For using remote control to send personalized SMS message, call a specific URL POST method. In the messages personalized there are no parameters like "phone" or "text". Instead, there is an additional parameter "messages", which contains a set of numbers assigned to them and the individual message. The value of "messages" consists of a two-dimensional array, which contains the keys "phone" and "text". Limit a single call to this question is 10 000 numbers and corresponding content available messages (recommended are much smaller chunks of data, approx. 50-200 numbers in a single query). Examples of calling dispatch may look like this:

messages/send\_personalized

POST:

```
{
  messages:[{
    "phone": "+48500600700",
    "text": "message1"
  },
  {
    "phone": "+48500600500",
    "text": "message2"
  }
]
```

Calling the above action with the given parameters (in the case of correct data to log) would send an SMS with the text "message1" to the number 500 600 700 and the second SMS message "message2" to the number 500 600 500.

## Available parameters

Parametr	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
messages	Array	[array('phone' => numer, 'text' => message), array('phone' => numer, 'text' => message)]	Phone numbers assigned to them the content of the SMS.
details	Boolean	true, false or none	The parameter displays in response to feedback details sent messages.
flash	Boolean	true, false or none	An optional parameter.
test	Boolean	true, false or none	The optional parameter, allowing to check the query sending an SMS message. In response document is generated JSON / XML identical to the standard question, but the message will not be sent. Useful for testing applications (debug).

<b>sender</b>	<b>String</b>	The number in the format +48500600700 or proper name (max 11 characters, uppercase and lowercase letters and numbers, and a space character).	An optional parameter allows you to change the sender field of SMS messages to any number or name. You can only use the name approved by administrators or pre-defined names
<b>utf</b>	<b>Boolean</b>	<b>true, false or none</b>	<b>An optional parameter allows you to send SMS messages FULL containing, among others, Polish diacritics.</b>
<b>voice</b>	<b>Boolean</b>	<b>true, false or none</b>	<b>An optional parameter allows you to send SMS messages VOICE. Parameter sender must remain empty.</b>
<b>date</b>	<b>DateTime</b>	<b>ISO</b> eg.: „2010-11-09 15:23”	<b>An optional parameter allows you to specify the date of dispatch of SMS messages.</b>
<b>unique_id</b>	<b>String Array</b>	eg. 6asTD3fif98gj	An optional parameter allows you to define your own ID message you send. The identifier can be a minimum of 3 characters and a maximum of 50 alphanumeric characters (a-z, A-Z, 0-9). For group mailings, another unique_id must be unique, given in the form of a table and the number of unique_id must be consistent with the amount of personalized messages.

The parameters in bold are obligatory. Others are optional.

Return generated after the message is the same as the regular sending of SMS messages.

```
{
  "success":true,
  "queued":2,
  "unsent":2,
  "items":[{
    "id":"98c93cc5f2",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-20 13:26:50",
    "parts":1,
    "text":"message1"
  },
  {
    "id":"a20ff834c8",
    "phone":"+48500600500",
    "status":"queued",
    "queued":"2014-10-20 13:26:50",
    "parts":1,"text":"message2"
  },
  {
    "id":"b25462142e",
```

```

"phone":"45648",
"status":"unsent",
"queued":"2014-10-20 13:26:50",
"error_code":3103,
"error_message":"Incorrect number",
"text":"message3"
},
{
  "id":"d862cc6575",
  "phone":"11999885544",
  "status":"unsent",
  "queued":"2014-10-20 13:26:50",
  "error_code":3103,
  "error_message":"Incorrect number",
  "text":"message4"
}]
}

```

## Recommended settings

In the case of medium and large amounts of messages sent several thousand or more, it is recommended to transfer messages in "packages" after approximately 50-200 numbers in a single query. This will speed up considerably the process of transferring the data to SerwerSMS.pl and reduce the amount necessary to send queries.

Define the parameter "messages" overwrites parameter values `phone` and `text`.

The recommended timeout value for a single query is 60 seconds.



# Sending MMS messages

## Principles of operation

To send an MMS message, you must first load the multimedia file using the option of uploading files. Only after uploading the necessary files (eg pictures, sound or video), it is possible to send an MMS message where the subscriber specifies the identifier of the file to be sent.

## Uploading a file

Saving the file on the server consists in sending the URL of the file along with the appropriate parameters. The system will check if the file exists and if it meets the requirements and if the verification is successful, the data will be saved on the server and the subscriber will receive a JSON / XML document containing the file identifier. The file is sent in the following way:  
files/add

## Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
type	String	mms or voice	Type file.
url	String	eg.: http://www.serwer.pl/kat/plik.jpg	URL file.
file	String	file	Upload the file from the disk. The "url" must remain empty. Only for MMS files.

As a result, a JSON document will be generated, e.g. as follows:

```
{
  "success": true,
  "id": "b67d70c22d"
}
```

It is possible to upload certain file types:

Content-Type	file extension
image/gif	gif
image/jpeg	jpeg
image/jpg	jpg
image/png	png
text/plain	txt

## Listing files

To list files downloaded to the server and retrieve their identifiers, which can then be used in MMS sending, call the action:  
files/index

As a result, a JSON document will be generated, e.g. as follows:

```
{
```

```

"items":[{
  "id":"b67d70c22d",
  "name":"plik1.jpg",
  "size":174562,
  "type":"mms",
  "date":"2014-10-07 16:54:53"
},
{
  "id":"39b0d42508",
  "name":"plik2.jpg",
  "size":344241,
  "type":"mms",
  "date":"2014-10-07 16:54:53"
},
{
  "id":"aad84d6e71",
  "name":"plik3.txt",
  "size":27,
  "type":"mms",
  "date":"2014-10-07 16:50:10"
}]
}

```

## Sending MMS

For using the remote operation to send an MMS message, call the specified URL using the POST method.  
 messages/send\_mms

### Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
title	String	Title MMS	Title MMS. Available is 40 characters.
file_id	String Array	ID file	ID file can be downloaded by first upload and listing of available files for MMS. You can also send up to 10 files where their IDs will be sent using an array.
phone	String Array	+48500600700	The number or telephone numbers provided in the table.
details	Boolean	true, false or none	The parameter displays in response to feedback details sent messages.
text	String	Contents	The content of MMS. It will be automatically saved to a file and attached to the message.

<b>date</b>	<b>DateTime</b>	<b>ISO</b> eg: „2010-11-09 15:23”	An optional parameter allows you to specify the date of dispatch of SMS messages.
<b>test</b>	<b>Boolean</b>	true, false or none	An optional parameter, allowing you to check the question sending an SMS message. In response document is generated JSON / XML identical to the standard question, but the message is not sent.

The parameters in bold are obligatory. Others are optional.

Return generated after the message is the same as the regular sending of SMS messages.

```
{
  "success":true,
  "queued":2,
  "unsent":2,
  "items":[{
    "id":"32039da8e9",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"Title MMS"
  },
  {
    "id":"844c2b4af0",
    "phone":"+48500600500",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"Title MMS"
  },
  {
    "id":"6e373d7856",
    "phone":"+45616",
    "status":"unsent",
    "queued":"2014-10-20 12:32:52",
    "error_code":3103,
    "error_message":"Incorrect number",
    "text":"Title MMS"
  },
  {
    "id":"bf069fe2c1",
    "phone":"+7799123",
    "status":"unsent",
    "queued":"2014-10-20 12:32:52",
    "error_code":3103,
    "error_message":"Incorrect number",
    "text":"Title MMS"
  }
]
```

## Recommended settings

In the case of medium and large amounts of messages sent several thousand or more, it is recommended to transfer messages in "packages" after about 50-200 numbers in a single query. This will speed up considerably the process of transferring the data to SerwerSMS.pl and reduce the amount necessary to send queries.

If you send the same attachment, it is optimal to his one-time upload and then use his identifier for subsequent dispatch messages.

# Sending messages VOICE

## Principle of operation

To send a voice message using the WAV file, you need to load a media file using the option of uploading files. Only after downloading the necessary files (WAV files with specified parameters), it is possible to send messages VOICE, where the subscriber specifies the file identifier for dispatch. The file must have strictly defined parameters, ie WAV format, parameters 16 Bit, 8 KHz, 128 kbit / sec, mono - 1 channel, max. 60 seconds). Otherwise, the file will not be saved in the system and will not be able to be used for shipment.

## Uploading file

Saving the file on the server consists in sending the URL of the file along with the appropriate parameters. The system will check if the file exists and if it meets the requirements. If the verification is successful, the data will be saved on the server and the subscriber will receive a JSON / XML document containing the file identifier. The file is sent in the following way: files/add

## Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
type	String	mms or voice	Type file.
url	String	eg.: http://www.serwer.pl/kat/plik.jpg	URL file
file	String	file	Upload the file from the disk. The "url" must remain empty. Only for MMS files.

As a result, a JSON document will be generated, e.g. as follows:

```
{
  "success": true,
  "id": "b67d70c22d"
}
```

## Listing files

To list the files uploaded to the server and retrieve their IDs, which then can be used in dispatch VOICE, call the following query:  
files/index

As a result, a JSON document will be generated, e.g. as follows:

```
{
  "items":[{
    "id":"c386a0d459",
    "name":"plik1.wav",
    "size":32184,
    "type":"voice",
    "date":"2014-10-06 15:20:37"
  }],
  {
```

```

    "id": "41cdaf1e99",
    "name": "plik2.wav",
    "size": 46126,
    "type": "voice",
    "date": "2014-10-06 15:18:37"
  },
  {
    "id": "4941a4cabd",
    "name": "plik3.wav",
    "size": 52144,
    "type": "voice",
    "date": "2014-10-06 15:00:34"
  }
]
}

```

## Dispatch Voice

To send a VOICE message using the Remote Service, call the specified URL using the POST method: `messages/send_voice`

### Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
phone	String Array	+48500600700	The number or numbers appear in a table.
file_id	String	ID file	ID file can be downloaded by first upload and listing of available files for the service VOICE.
text	String	Message content	An optional parameter that allows the dispatch of the text message processed by the speech synthesizer. In order to dispatch the text as a voice message file_id parameter must be left empty.
lector	String	Maja, Agnieszka, Jacek and Ewa, Jan or empty value (the default reader May)	It refers to a voice message with the content in the form of a text read by the synthesizer. Default teacher this Maja.
details	Boolean	true, false or none	The parameter displays in response to feedback details sent messages.
sender_number	String	+48500600700	Optionally, the number of the connection is established. You can use the numbers NDI, pre-defined numbers and add their own numbers (from the Customer Panel). By default, if no parameter connection is established from a blocked number.

test	Boolean	true, false or none	An optional parameter, allowing you to check the question sending a message. In response document is generated JSON / XML identical to the standard question, but the message is not sent. Useful for testing applications.
dlr_url	String	http://www.twojadres.pl/skrypt.php?smsid=#SMSID#&stan=#STAN#&data=#DATA#	This parameter allows the transmission method Push delivery reports URL on the client. Set this option to query the API override the settings in the Customer Panel. The address should be passed in encrypted form by the urlencode (). Address to forward reports applies to all messages submitted for execution within a single query. Available parameters: #SMSID# - message ID #STAN# - state of delivery #DATA# - changes in status data #PRZYCZYNA# - the reason for non-delivery messages

The parameters in bold are obligatory. Others are optional.

The return generated after sending is the same as in the case of sending an SMS message.

```
{
  "success":true,
  "queued":2,
  "unsent":2,
  "items":[{
    "id":"32039da8e9",
    "phone":"+48500600700",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"WAV"
  },
  {
    "id":"844c2b4af0",
    "phone":"+48500600500",
    "status":"queued",
    "queued":"2014-10-20 12:32:52",
    "parts":1,
    "text":"WAV"
  },
  {
    "id":"6e373d7856",
    "phone":"+45616",
    "status":"unsent",
    "queued":"2014-10-20 12:32:52",
    "error_code":3103,
    "error_message":"Incorrect number",
    "text":"WAV"
  },
}
```

```
{
  "id":"bf069fe2c1",
  "phone":"7799123",
  "status":"unsent",
  "queued":"2014-10-20 12:32:52",
  "error_code":3103,
  "error_message":"Incorrect number",
  "text":"WAV"
}]
}
```

## Recommended settings

In the case of medium and large amounts of sent messages of a few thousand or more, it is recommended to forward messages in "packs" of about 50-200 numbers in one question. This will greatly speed up the process of data transfer to SerwerSMS.pl and reduce the number of queries necessary to send.

If the same file is sent, it is optimal to upload it once and then use its identifier for subsequent messages.



# LOOKUP checking the membership number to the network

## Principle of operation

In order to check the membership of a number by means of the Remote Service, call the specified URL using the POST method.

phones/lookup

## Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
phone	String	500600700 or +42565478965	The number in the format 9-digit. For international numbers it is necessary to enter the plus prefix and country.
id	String	application number	The parameter used to read the result, if the response time exceeds 60 seconds.

The parameters in bold are obligatory. Others are optional.

Return generated after sending the sample query.

```
{
  "phone":"+48500600700",
  "status":"OK",
  "imsi":26006,
  "network":"Orange (PTK Centertel Sp. z o.o.)",
  "ported":false,
  "network_ported":null
}
```

## Explanation of individual parameters feedback

Parameter	Description
phone	Checked the phone number
status	Status query LOOKUP, if it is correct, the system will return "OK" if it is not possible to check the number or the number is not correct, the system will return "ERR". WARNING! The tariff are all queries LOOKUP, both correct and incorrect.
imsi	A unique number assigned to each SIM card in a GSM or UMTS network. In some situations it may contain only the country code and network number (eg. "26003").
network	Alphanumeric name of the network where the number came from.
ported	Information on whether the number is transferred to "true" or not "false."
network_ported	Alphanumeric name the network to which the number is currently assigned.

If the response time exceeds 60 seconds, will be returned identifier that should be substituted into the query at a later time in order to read the status of the update. Feedback answer will have the form:

```
{  
  "phone":"+48500600700",  
  "id":"6970aa5525"  
}
```

## Recommended settings

Do not check multiple times in a row of the same number because every call to check affiliation to the network is charged. It is worth to save the results locally and use them for a specified period, eg a few days.

# HLR - checking the availability of the number

## Principle of operation

For using the remote operating number to check availability call the specified URL using the POST method.  
phones/check

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	<b>login</b>	Username used to dispatch the message
<b>password</b>	String	<b>hasło</b>	Password to the account
<b>phone</b>	String	<b>500600700 or +42565478965</b>	The number in the format 9-digit. For international numbers it is necessary to enter the plus prefix and country.
<b>id</b>	String	<b>application number</b>	The parameter used to read the result, if the response time exceeds 60 seconds.

The parameters in bold are obligatory. Others are optional.  
Return generated after sending the sample query.

```
{
  "phone":"+48500600700",
  "status":"OK",
  "imsi":26006,
  "network":"Orange (PTK Centertel Sp. z o.o.)",
  "ported":false,
  "network_ported":null
}
```

Return generated after sending the sample query.

```
{
  "status":"done",
  "process": 100,
  "items":[
    {
      "phone":"+48500600700",
      "status":"ERR",
      "imsi":26003,
      "network":"Orange (PTK Centertel Sp. z o.o.)",
      "ported":false,
      "network_ported":null,
      "description":"ABSENT_SUBSCRIBER_SM"
    },
    {
      "phone":"+48600700800",
      "status":"OK",
      "imsi":260011234567890,

```

```

    "network": "Plus (Polkomtel S.A.)",
    "ported": true,
    "network_ported": "Plus (Polkomtel S.A.)",
    "description": null
  }
}

```

## Explanation of individual parameters feedback

Parameter	Description
phone	Checked the phone number
status	Status queries HLR, if it is correct, the system will return "OK" if it is not possible to check the number or the number is not correct, the system will return "ERR". WARNING! The thariff are all queries HLR, both correct and incorrect.
imsi	A unique number assigned to each SIM card in a GSM or UMTS network. In some situations it may contain only the country code and network number (eg. "26003").
network	Alphanumeric name of the network where the number came from.
ported	Information on whether the number is transferred to "true" or not "false."
network_ported	Alphanumeric name the network to which the number is currently assigned.

If the response time exceeds 60 seconds, will be returned identifier that should be substituted into the query at a later time in order to read the status of the update. Feedback answer will have the form:

```

{
  "phone": "+48500600700",
  "id": "6970aa5525"
}

```

## Recommended settings

Do not check multiple times in a row of the same number because every call to check affiliation to the network is charged. It is worth to save the results locally and use them for a specified period, eg a few days.

It is necessary to set a larger timeout for queries, as waiting for a system response may take from a few to even tens of seconds.

# Own messages' identifiers (unique\_id)

With dispatch messages, in addition to the identifiers returned by the system SerwerSMS.pl, The customer can define their own identifiers for messages reported. Is this purpose, a variable "unique\_id" and can accept alphanumeric values of a-z, A-Z and 0-9, and the minimum length of 3 characters and a maximum of 50 characters.

Messages from your own identifiers can be sent either as individual messages as well as a group or personalized. For a single message, simply add the query variable unique\_id and the value given by the customer, eg .:

POST:

```
{
  "username":"demo",
  "password":"demo",
  "phone":"+48500600700",
  "text":"message",
  "unique_id":"123abc1"
}
```

For mass dispatch, you must specify a list of identifiers unique\_id in the order in which they are transmitted consecutive numbers. Another identifiers unique\_id should be elements in the array, eg .:

POST:

```
{
  "username":"demo",
  "password":"demo",
  "phone":[
    "+48500600700",
    "+48500600600",
    "+48500600500"
  ]
  "text":"message",
  "unique_id":[
    "123abc1",
    "123abc2",
    "123abc3"
  ]
}
```

In the above example, the numbers have the following identifiers unique\_id:

+48500600700 – 123abc1

+48500600600 – 123abc2

+48500600500 – 123abc3

The situation is similar in the case of sending personalized messages. The next unique\_id identifiers should correspond to the reported messages along with the numbers.

The number of grouped numbers / personalized messages and unique\_id identifiers must match. If the quantities do not match, none of the messages will be sent and the system will return a general error. The same applies to the values of unique\_id identifiers. If at least one identifier contains unacceptable characters, a general error will be returned.

# Message service of Premium SMS

## Principle of operation

Using the HTTPS API, you can also handle Premium SMS traffic by creating, for example, your own schemes of competitions, lotteries or SMS chats (eg when the functionality of the Customer Panel is not sufficient for the Subscriber). Premium SMS communication using the HTTPS API consists in receiving a query with a new message or possibly listing available Premium messages and sending a query regarding the sending of responses.

## URL transmitting information about the new message Premium

In the Client Panel, you can set the URL with the appropriate parameters to which information about new Premium messages should be sent. These settings can be updated in the Customer Panel [Premium SMS](#) [Prefixes and numbers](#) [Edit selected password \(or create a new one\)](#) [Response content](#) [HTTPS XML API](#).

The sample URL may take the form of:

```
https://www.adres.pl/skrypt.php?z_numeru=#NUMEROD#&wiadomosc=#WIADOMOSC#&na_numer=#NUMERDO#&data=#DATA#&idsms=#IDSMS#&limit=#LIMIT#
```

Description of parameters:

Parameter	An example value or format	Description
#NUMEROD#	48500600700	Number 9-digit from which the message came Premium.
#WIADOMOSC#	test	Message content.
#NUMERDO#	71200	Premium number to which the message was sent.
#DATA#	„2011-09-26 12:23:56”	Date format YYYY-MM-DD HH: ii: ss.
#IDSMS#	1234	The numeric ID of the message.
#LIMIT#	2	The number of vested for the selected message.

The correct answer to the question should be returned as plain / text and contain only "OK".

## Premium Listing messages

If for some reason the message reception fails, or the client prefers to manually download the list of available messages within the Premium API, it is possible to send a request to the system, which returns a list of messages waiting for a response.  
premium/index

As a result, the document will be generated JSON eg. such as the following:

```
{
  "items":[{
    "id":120270659,
    "to_number":"71160",
    "from_number":"48500600700",
    "date":"2013-05-10 15:29:05",
    "limit":1,
    "text":"INT.test"
  }],
  {
```

```

    "id":120269997,
    "to_number":"71160",
    "from_number":"48500600500",
    "date":"2013-05-10 15:17:27",
    "limit":1,
    "text":"PAS.premium"
  }}
}

```

## Replying Premium

premium/send

To reply to a specific message Premium use the ID received with the message.

### Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
phone	String	np.: +48500600700	Phone number
id	Integer	np.: 123456789	ID Messages, which is sent to answer.
gate	Integer	np.: 71160	Premium gateway number.
text	String	content	Message content.

The parameters in bold are obligatory. Others are optional.

As a result, a JSON document will be generated, e.g. as follows:

```

{
  "success":true
}

```

## Listing statistics for the service Quiz Premium

quiz/view

To display statistics, enter the quiz ID.

### Available parameters

Parameter	Type	An example value or format	Description
username	String	login	Username used to dispatch the message
password	String	password	Password to the account
id	Integer	eg.: 123	ID quiz

The parameters in bold are obligatory. Others are optional.

As a result, a JSON document will be generated, e.g. as follows:

```

{

```

```

{id":123,
"name":"name quiz",
"items":[{
  "id":1,
  "count":8,
},
{
  "id":2,
  "count":10,
}]
}

```

## Table quantities available answers depending on the number Premium

For each incoming message as part of the Premium number, there is an outgoing message pool (also via the Premium channel), using the same number to which the SMS was originally sent. The table below illustrates the number of responses available within one incoming message depending on the Premium number tariff.

Price [PLN]	Example number	Number of replies
0,50	70906	1
1,00	7100	2
2,00	7200	4
3,00	7300	6
4,00	7400	8
5,00	7500	10
6,00	7600	12
9,00	7900	18
19,00	91900	38
25,00	92500	38

## Recommended settings

In order to support the Premium SMS service via the API, the option of API response should be selected in the Premium password settings. Additionally, for information purposes, it is worth selecting the option of forwarding the message to the URL address, in this way the Customer can be informed about the new incoming message without having to cyclically query API SerwerSMS.pl with new messages.



# Checking the SMS delivery reports

SerwerSMS.pl allows you to check the status of sent messages without having to log in to the Customer Panel. The control of the correctness of sending and the status of shipments can be checked in several available ways as well as combining them with one another in any way. In addition, in the Customer Panel you can set the option responsible for sending delivery reports directly to the URL indicated by the Subscriber. In this situation, there is no need to repeatedly query our system for the status of a single message. Instead, our system will notify the Subscriber that the message has been delivered (or for some reason has not been delivered).

## Calling address

To check the status of messages using remote service, call the specified URL using POST method.  
messages/reports

## Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username used to dispatch the message
password	String	Password	Password to the account
phone	String Array	+48500600700	The number or telephone numbers sent in the table in the full format, ie. For example. +48500600700 (In the URL of a "+" is the code "% 2B").
date_from oraz date_to	DateTime	ISO eg. „2007-10-24 17:46:00”	The time interval to be displayed. This is the date and time of the Message Queuing to send messages or transfer data to the unsent in the event of an error.
id	String Array	eg. Jdut76dn23 (litery oraz cyfry)	This parameter specifies the message ID that is assigned by the system during dispatch remote. You can also attach more ID SMS sending them through the array, then displays information about all selected messages. The maximum number of SMS ID in one query is 500.
status	String	delivered undelivered pending sent unsent in_progress saved	An optional parameter filters the messages displayed by the state of dispatch.
unique_id	String Array	eg. abc123 (letters and numbers)	This parameter specifies the message ID that is assigned during dispatch by a remote client. You can also attach more unique_id sending them through the array, then displays information about all selected messages.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "items":[{
    "id":"1c7a5432c9",
    "phone":"+48600700800",
    "status":"delivered",
    "queued":"2014-10-20 11:47:23",
    "sent":"2014-10-20 11:47:24",
    "delivered":"2014-10-20 11:47:57",
    "sender": "",
    "type":"eco",
    "text":"Test SerwerSMS.pl"
    "flash":false
    "utf":false
    "parts":1
    "cost":0.6
    "method":"PANEL"
    "mnc":26003
    "country":"Polska"
    "network":"Orange"
  },
  {
    "id":"8af63d4829",
    "phone":"+48600700800",
    "status":"sent",
    "queued":"2014-10-20 14:31:23",
    "sent":"2014-10-20 14:31:23",
    "delivered":"2014-10-20 14:32:01",
    "sender": "",
    "type":"eco",
    "text":"Test SerwerSMS.pl"
    "flash":false
    "utf":false
    "parts":1
    "cost":0.6
    "method":"PANEL"
    "mnc":26003
    "country":"Polska"
    "network":"Orange"
  },
  {
    "id":"d7cc8939e9",
    "phone":"+48500600700",
    "status":"undelivered",
    "queued":"2014-10-20 16:54:53",
    "sent":"2014-10-20 16:54:56",
    "sender":"INFORMACJA",
```

```

    "type": "full",
    "text": "Test SerwerSMS.pl",
    "reason": "message_expired",
    "flash": false,
    "utf": false,
    "parts": 1,
    "cost": 0.12,
    "method": "PANEL",
    "mnc": 26003,
    "country": "Polska",
    "network": "Orange"
  },
  {
    "id": "f3f5a0424e",
    "phone": "488888888888888",
    "status": "unsent",
    "queued": "2014-10-10 14:33:16",
    "type": "full",
    "reason": "wrong_number",
    "text": "Test SerwerSMS.pl"
  }
}

```

In the above example, SerwerSMS.pl returned information about four messages from which one was delivered, one was sent and waits for delivery report, one was sent but not delivered and one failed to send due to the wrong recipient's number.

## Explanation of the parameters feedback

Parameter	Description
<b>id</b>	It contains a unique number (ID).
<b>phone</b>	It contains the recipient's number in full format with the country code at the beginning.
<b>status</b>	It contains information on the status of dispatch the message. This field can take the following values: "delivered, undelivered, sent, unsent, in_progress, saved"
<b>queued</b>	Date and time of the adoption of SMS messages to the system (data call). In case of SMS delivery is scheduled for a specified term, appears here for the time when the SMS is sent.
<b>sent</b>	Date and time of sending SMS messages to the recipient.
<b>delivered</b>	Date and time of delivery to the recipient. This information is displayed when the message has a status of pending or has been delivered. If the message is not delivered, this information does not appear.
<b>reason</b>	It occurs only in case of failure of sending and tells why text message has not been sent. Possible values: message_expired, wrong_number, unsupported_number, message_rejected, operator_error, missed_call, limit_exhausted, lock_send, wrong_message, wrong_sender_name, number_is_blacklisted, sending_to_foreign_networks_is_locked, other_error.
<b>text</b>	It contains content of SMS message that will be sent.
<b>flash</b>	Information about the parameter flash.
<b>utf</b>	Information enabled to use Polish characters.
<b>parts</b>	The number of parts is made up of how many message.

<b>cost</b>	The cost of dispatch news accounts only type of post-paid.
<b>method</b>	Method dispatch messages.
<b>mnc</b>	Network code number.
<b>country</b>	Country Operator.
<b>network</b>	What network is a number.

Specify URL Subscriber on which to send delivery reports.

The appropriate options are available in the Customer Panel and require a one-time configuration. In order to send information about the subject to the Subscriber, go to the Settings menu → HTTPS XML API → Delivery reports → Send reports to the indicated URL, and enter your own URL addressing parameters such as # STAN #, # DATE #, # REASON # and # REPORT #.

Before sending information to the client, these parameters are exchanged with the data for a specific SMS message. The system checks if the customer page returns a "OK" response in response. If the system does not detect such a response, the report will be retried after 5, 15, 60 minutes and then after 24 hours. If the customer's website still does not return an answer saying "OK", SerwerSMS.pl will stop sending information regarding the delivery report. Information on delivery reports is sent using the GET method.

## Transmitted parameters in the URL

Parameter	An example value or format	Description
<b>#STAN#</b>	Doreczono, Niedoreczono, Niewyslano, Oczekiwanie	This value determines whether forwarded to the dispatch message was sent, and if so, whether it was delivered.
<b>#DATA#</b>	Eg: 2009-10-21 14:23:28	Date of change of status messages, when it was delivered, the report came back undelivered, or when the message was sent to unsent.
<b>#SMSID#</b>	Eg. 8dfa7tvc44s	An alphanumeric string that uniquely identifies a single message.
<b>#PRZYCZYNA#</b>	Text description of the cause of the error, eg. „Błędny numer nadawcy”	The parameter that is passed more detailed information about the non-delivery or not send the message. It is filled only if the message has been Undelivered or unposted.

## Recommended settings

It is recommended that delivery reports of sent messages be forwarded to the URL defined in the Client Panel. This contributes to a noticeable reduction in traffic and the handling of many unnecessary, repeatable queries.

If this is not possible, the best way to check reports is to query specific message IDs (id or unique\_id). It is optimal to immediately ask many messages in one question, e.g. in packs of 50 - 200 identifiers. The maximum number of IDs to be checked during one query is 500. If more message IDs are sent, they will be omitted and will not be returned in the JSON / XML document.

Delivery reports available from the HTTPS API level reach about 14 days back. After this period, when querying for the selected message ID, an empty parameter "items" (JSON), an empty tag (XML) can be returned without information about the message. It is a signal that the message has already been archived (it is available from the Customer Panel level for about 12 months).

Delivery reports are also updated in the first 72 hours. If the delivery report is not updated by that time, it will not be updated

(sometimes this happens when we do not receive a feedback report from the GSM Operator). In this case, please skip further checking the status of the message.

Too frequent inquiries about delivery reports may cause a response from the SMS.pl server administrators. In this situation, you are prompted for the recommended optimization. If there is no reaction from the client or asking the API is still not optimal, SerwerSMS.pl may temporarily block the ability to check reports for clarification.

# Deleting definite time messages

If you use the shipment within a certain period (the "date" parameter when reporting the sending of messages), you can delete such notifications by referring to the specified id / unique\_id.

## Calling address

messages/delete

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	Login	Username used to dispatch the message
<b>password</b>	String	Password	Password to the account
<b>id</b>	String Array	111065e43c	IDs of selected SMS messages.
<b>unique_id</b>	String Array	87f5gs5f56	ID own the customer.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "correct":1,
  "failed":0
}
```

## Recommended settings

Removing the planned dispatch must take into account the possible time difference between the local server and SerwerSMS.pl. Delete the message with the identifier unique\_id completely erases the same identifier unique\_id side SerwerSMS.pl. You can therefore use it again without worrying about duplicate (option does not apply to customers with active control duplicates unique\_id).

# Incomming messages

Another feature available through remote access is the ability to download responses received from the recipients client, SMS messages sent within the service access number and the individual access number.

## Calling address

To retrieve reply to messages and other incoming messages using remote service, call the specified URL using POST.  
messages/recived

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	Username to the account
<b>password</b>	<b>String</b>	<b>Haslo</b>	Password to the account
phone	String Array	%2B48500600700	The number or telephone numbers provided in the table.
date_from oraz date_to	DateTime	ISO eg. „2014-10-24 17:46:00”	The time interval to be displayed. This is the date and time of sending the message.
type	String	eco nd ndi pre mms	The type of message to be displayed. If the parameter is left blank will be returned incoming messages from all categories.
ndi	String	Number NDI in format +48500600700	An optional parameter allows you to filter out the incoming messages, which hit a certain number of NDI (if eg. A customer has several numbers on one account).
read	Boolean	true, false or none	That means a message as read (no more returned by the API).
show_contact	Boolean	true, false or none	Display contact details if the number exists in the database of customers.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "items":[{
    "id":2477793,
    "type":"eco",
    "phone":"+48500600700",
    "recived":"2014-10-21 11:18:03",
    "message_id":"eba39e4fe1",
    "blacklist":false,
    "text":"Przyjade o 16"
  }],
  {
```

```

    "id":303023,
    "type":"nd",
    "phone":"+48500600700",
    "recived":"2014-10-21 12:37:43",
    "blacklist":false,
    "text":"SerwerSMS.pl"
  },
  {
    "id":2204974,
    "type":"ndi",
    "phone":"+48500600700",
    "recived":"2014-10-21 16:47:36",
    "blacklist":false,
    "text":"Dziękuję za informację"
  },
  {
    "id":323961872,
    "type":"mms",
    "phone":"+48500600700",
    "recived":"2014-10-21 14:09:15",
    "to_number":"+48664078059",
    "blacklist":false,
    "title":"Temat MMS",
    "attachments":[{
      "id":2518,
      "name":"text_0002.txt",
      "content_type":"text/plain",
      "data":"SmFrYXMgdGFtIGplc3pjemUgd2lhZGFvbW9zYWw=="
    }]
  }
]

```

## Explanation of individual parameters feedback

Parameter	Description
<b>id</b>	ID message.
<b>type</b>	Specifies the type of the received message. Values: eco, nd, ndi, pre, mms.
<b>phone</b>	The number of the SMS sender.
<b>recived</b>	Date of dispatch of the message.
<b>message_id</b>	ID sent message ECO affected by this answer.
<b>to_number</b>	The number to which the message was sent (for MMS).
<b>blacklist</b>	Information, whether the number is on the blacklist.
<b>text</b>	Message content.
<b>title</b>	Title of the message (for MMS).
<b>attachments</b>	Contains a list of attachments consisting of ID number, name (name), file type (content_type) and its content encoded in base64 (date).



## Forwarding of incoming messages to a predefined URL Client

Suitable options are available in the Customer Panel:

Replies ECO: Settings interface> HTTPS XML API> SMS response ECO

ND / SC: Message settings> Numbers ND / SC> [chosen password / prefix]> Forward

NDI / SCI: Message settings> Numbers NDI / SCI> [chosen password / prefix]> Forward

MMS: Receiving Messages> Inbox MMS> Additional Options

The most common one-time setup is required.

Before sending information to the client, these parameters are changed with the data for a specific message. The system invokes the client's URL by changing the parameters to appropriate values and depending on the settings, it can verify whether the receipt of messages on the client's side has taken place correctly. If the verification option is enabled and the script on the client side does not return the required values, the system will repeat the URL invocation in 5, 10, 15 and 60 minutes. If, for whatever reason, the message is not transmitted correctly, you can download a list of new messages at any time via the HTTPS API query. Information about responses to SMS ECO+ +, ND / SC and NDI / SCI is sent via the GET method. For MMS messages, data is sent via POST method.

### Recommended settings

It is recommended that incoming messages were sent to the URL of the Client, which is defined in the Customer Panel. This option is available for all services which answers ECO, ND, NDI, SC, SCI, PR, PRI. In case of failure to transmit a message to the URL, the renewed dispatch messages to the customer will take place one after 5, 10, 15 and 60 min. If you still fail to convey the message to the customer, the system will not undertake more attempts. Messages are, however, still available from the Customer Panel and API.

# Checking account balance

For accounts with restrictions on the number of messages sent, the customer can check how many messages are still to be sent. In this way, you can control the status of available credit to be sent and, if necessary, top-up your account.

## Calling address

To retrieve the current number of available messages using remote service, call the specified URL using POST method.  
account/limits

## Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account?
password	String	Password	Password to the account
show_type	Boolean	true, false or none	Returns additional attribute talking about the type of account.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "account":{
    "type":"prepaid"
  },
  "items":[{
    "type":"eco",
    "chars_limit":"918/6",
    "value":"no_limit"
  },
  {
    "type":"full",
    "chars_limit":"918/6",
    "value":"40"
  },
  {
    "type":"voice",
    "chars_limit":"160/1",
    "value":"not_available"
  },
  {
    "type":"mms",
    "chars_limit":"40/1",
    "value":"6"
  },
  {
    "type":"lookup",
    "chars_limit":"nd",
```

```
"value":"20"  
},  
{  
  "type":"hlr",  
  "chars_limit":"nd",  
  "value":"70"  
}]  
}
```

## Recommended settings

It is recommended to adjust the intensity of checking the available message limit for the shipments being made, so that, for example, you do not ask the API for your account balance every 10 seconds. if in the last period the customer did not send anything. The recommended settings are account status updates, such as 1 hour or when shipping.

For customers using the Prepaid option, it is possible to automatically inform about the ending limit (specified quantity level) and about the total limit of the selected type of message. These messages can be sent to the customer by SMS or email.

# Managing names of the sender

FULL SMS messages allow you to use your own text or number in the SMS header (installed on the SerwerSMS.pl platform). Due to legal changes, the use of your sender's name as a text (eg company name) requires additional authorization. At any time, you can list the name of the sender added to the system and check their authorization status.

## Adding the names of the sender

### Calling address

For using the remote operating to report the new name for authentication, call the specified URL using the POST method.  
senders/add

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
name	String	Competition, SerwerSMSpl	The alphanumeric sender's name (max 11 characters).

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "success":true
}
```

## Listing the names of the sender and their status

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.  
senders/index

### Available parameters

Parameter	Type	Przykładowa wartość lub format	Description
username	String	Login	Username to the account
password	String	Hasło	Password to the account

predefined	Boolean	true, false or none	An optional parameter allows display predefined in the system name of the sender ready to use in dispatch SMS.
type	String	ndi mms	Optional parameter displaying the list of NDI or MMS senders.
sort	String	name	An optional parameter that allows sorting by sender name.
order	String	asc desc	An optional parameter you can change the sort order.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "items":[{
    "name":"Testowa",
    "agreement":"not_required",
    "status":"pending_authorization"
  },
  {
    "name":"SerwerSMSpl",
    "agreement":"delivered",
    "status":"authorized"
  },
  {
    "name":"+48783820099",
    "agreement":"not_required",
    "status":"authorized"
  },
  {
    "name":"T-mobile",
    "agreement":"required",
    "status":"rejected",
    "note":"Używanie nazw własnych Operatorow GSM jest zabronione"
  }
  ]
}
```

## Explanation of individual parameters feedback

Parameter	Description
<b>name</b>	Specifies what name or number is processed.
<b>agreement</b>	Indicates whether the name requires special permission to use her. Accepted values: delivered, required, not_required.
<b>status</b>	Whether the name is approved and ready for dispatch. Values: pending_authorization, authorized, rejected, deactivated.
<b>note</b>	The message in the event of an error.
<b>networks</b>	Attribute available for the list of MMS senders. Specifies for which operators the override is active.

## Recommended settings

It is possible to receive automatic information on the sender's name approval or other name change by pressing the Push method. These settings should be specified in the Customer Panel [? Message settings](#) [? Sender's names](#) [? Additional settings](#). The successful addition of the sender's name to the SerwerSMS.pl system does not mean that it can be used when sending messages. Each sender's name must be verified by the SMS.pl server administrator and only after the name has been accepted and its status changed, it is possible to send a shipment using it. In certain cases, the name may be rejected by the administrator as incorrect or restricted. It is possible to suspend activation of the sender's name until it is approved for its use by the customer.

# Managing contacts and groups

The system enables remote management of contacts using the HTTPS API. Possible operations on contacts are: listing groups, listing contacts in groups, adding, editing, deleting contacts and groups.

## Listing groups

### Calling address

For using the remote operating list the group call the specified URL using the POST method.  
groups/index

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
search	String	search term	Search by name of the group.
sort	String	name	An optional parameter that allows sorting by name.
order	String	asc desc	An optional parameter you can change the sort order.

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "items":[{
    "id":17293087,
    "name":"Test API",
    "count":322
  },
  {
    "id":17293086,
    "name":"2014-10-20 11:54:20",
    "count":2
  }
]
```

## Listing contacts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST

method.  
contacts/index

## Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
search	String	search term	Search among contact with this phrase.
group_id	Integer String	eg. 459678754 or „none”	A digital ID in the form of a numerical value or "none" to show not assigned to groups of contacts.
sort	String	first_name last_name phone company tax_id email address city description	An optional parameter that allows sorting the data by a particular column.
order	String	asc desc	An optional parameter you can change the sort order.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "items":[{
    "id":228173579,
    "phone":"+48600700800",
    "email": "",
    "company": "",
    "first_name": "Błażej",
    "last_name": "Łopuszański",
    "tax_id": "",
    "address": "",
    "city": "",
    "description": "Dodatkowy opis",
    "blacklist": false,
    "group_id": 17293086,
    "group_name": "Grupa testowa"
  },
  {
    "id":228173578,
    "phone":"+48500600700",
    "email": "biuro@serwersms.pl",
    "company": "SerwerSMS.pl",
    "first_name": "Mikołaj",
    "last_name": "Różecki",
    "tax_id": "",
    "address": "",
    "city": "",
    "description": "Szczegółowy opis kontaktu",
    "blacklist": false,
    "group_id": 17293086,
```



```
"group_name":"Grupa testowa"
  }}
}
```

## Creating groups

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

groups/add

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
name	String	eg. „new group”	Alphanumeric name describing the group. A maximum of 100 characters.

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "success":true,
  "id":17256255
}
```

## Creating contacts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

contacts/add

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
group_id	Integer Array	eg. 15687446	ID of the group to which you want to assign a contact. It is possible to send several identifiers using an array.
phone	String	eg. +48500600700	The value of the phone Number field.

email	String	eg. adres@mail.com	The value of the email. The field accepts up to 255 characters.
first_name	String	text	The value of the field first_name. The field accepts up to 255 characters.
last_name	String	text	The value of the field last_name. The field accepts up to 255 characters.
company	String	text	The value of the field company. The field accepts up to 255 characters.
tax_id	String	text	The value of the field tax_id. The field accepts up to 255 characters.
address	String	text	The value of the field address. The field accepts up to 255 characters.
city	String	text	The value of the field city. The field accepts up to 255 characters.
description	String	text	The value of the field description. The field accepts up to 255 characters.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":92890613
}
```

## Edit group

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

groups/edit

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account.
password	String	Password	Password to the account
id	Integer	eg. „12345678”	ID edited group.
name	String	eg. „new name”	Alphanumeric name describing the group. A maximum of 100 characters.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":17256255
}
```

## Edit contact

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

contacts/edit

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account.
password	String	Password	Password to the account.
id	Integer	eg. 12345678	ID edited contact.
group_id	Integer Array	eg. 15687446	ID of the group to which you want to assign a contact. It is possible to send several identifiers using an array.
phone	String	eg. +48500600700	The value of the phone Number field.
email	String	eg. adres@mail.com	The value of the email. The field accepts up to 255 characters.
first_name	String	text	The value of the field first_name. The field accepts up to 255 characters.
last_name	String	text	The value of the field last_name. The field accepts up to 255 characters.
company	String	text	The value of the field company. The field accepts up to 255 characters.
tax_id	String	text	The value of the field tax_id. The field accepts up to 255 characters.
address	String	text	The value of the field address. The field accepts up to 255 characters.
city	String	text	The value of the field city. The field accepts up to 255 characters.
description	String	text	The value of the field description. The field accepts up to 255 characters.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":92890613
}
```

## Delete group

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

groups/delete

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account.
password	String	Password	Password to the account.
id	Integer	group ID eg. <b>12345689</b>	Group ID to delete. Note, when deleting the contacts assigned to it are not deleted.
delete_contacts	Boolean	true, false or none	Deletes all contacts belonging to the group to be deleted.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true
}
```

## Deleting contacts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

contacts/delete

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account.
password	String	Password	Password to the account.

<b>id</b>	<b>Integer</b>	<b>contact ID eg. 12345689</b>	ID of the contact to delete.
-----------	----------------	--------------------------------	------------------------------

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true
}
```

## Checking groups selected contact

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

groups/check

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	<b>Username to the account.</b>
<b>password</b>	<b>String</b>	<b>Password</b>	<b>Pasword to the account.</b>
<b>phone</b>	<b>String</b>	<b>eg. +48500600700</b>	<b>Phone number</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "items":[{
    "id":"228274991",
    "group_id":17293172,
    "group_name":"Testowa grupa"
  },
  {
    "id":"228274486",
    "group_id":17885158,
    "group_name":"Grupa numer dwa"
  }
]
```

# Management of subaccounts

The system allows remote listing and creating sub-accounts in the system (which can also be logged in from the Customer Panel level). To create an account, you must first define at least one sub-account in the Customer Panel that will later be used as a permission template. All settings regarding, for example, forwarding of delivery reports or answers to ECO + SMS will be copied from the template subaccount to a new sub-account.

## Listing subaccounts

### Calling address

For using the remote operating available to list the current sub-account, call the specified URL using the POST method.  
subaccounts/index

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	Username to the account
<b>password</b>	<b>String</b>	<b>Password</b>	Password to the account

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "items":[{
    "id":123,
    "username":"wojtek"
  },
  {
    "id":456,
    "username":"login2"
  },
  {
    "id":789,
    "username":"testowy"
  }
]
```

## Displays details of subaccounts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.  
subaccounts/view

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	<b>Login</b>	Username to the account
<b>password</b>	String	<b>Password</b>	Password to the account
<b>id</b>	Integer	eg. 123	ID subaccounts.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "id":1194,
  "username":"wojtek",
  "name":"Wojciech",
  "phone":"+48730856000",
  "email":"wojtek@mail.com"
}
```

## Create subaccounts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

subaccounts/add

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	String	<b>Password</b>	<b>Password to the account</b>
subaccount_username	String	eg. „login1”	Login new subaccount (3-20 characters in the field (a-z, A-Z, 0-9, and characters, ' _ @.
subaccount_password	String	eg. „testABC”	Password new subaccount (3-20 characters).
subaccount_id	Integer	eg. 123	ID subaccounts from which you want to transfer access rights and view.
name	String	eg. „testowe subkonto”	The name describes the new subaccount.
phone	String	eg. „500600700”	The phone number of the new subaccount.
email	String	eg. „ <b>test@test.pl</b> ”	E-mail address of the new subaccount.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":1485
}
```

## Setting message limits for subaccount

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

subaccounts/limit

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	String	<b>Password</b>	<b>Password to the account</b>
<b>id</b>	Integer	eg. 123	<b>ID subaccounts</b>
<b>type</b>	String	eco full voice mms hlr	<b>The message type for which updates the limit.</b>
<b>value</b>	Integer	eg. 100	<b>Number of messages.</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":1485
}
```

## Deleting subaccounts

### Calling address

For using the remote operating send a text message should be sent to specific application protocol HTTP or HTTPS POST method.

subaccounts/delete

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	<b>Login</b>	<b>Username to the account</b>



password	<b>String</b>	Password	Password to the account
id	<b>Integer</b>	eg. 123	ID subaccounts

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true
}
```

# Support blacklist

The system allows remote letters, add and delete numbers from the blacklist.

## Listing numbers from the blacklist

### Calling address

For using the remote operating list the numbers on the black list, call the specified URL using the POST method.  
blacklist/index

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
phone	String	eg. +48500600700	Optional, allowing to narrow the search area to a specific number.

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "items":[{
    "phone":"+48500600702",
    "added":"2014-10-22 12:25:10"
  },
  {
    "phone":"+48500600701",
    "added":"2014-10-22 15:52:03"
  }
]
```

## Adding a number to the black list

### Calling address

For using the remote operating add a number to the black list, call the specified URL using the POST method.  
blacklist/add

### Available parameters

Parameter	Type	Przykładowa wartość lub format	Description
-----------	------	--------------------------------	-------------

<b>username</b>	<b>String</b>	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	<b>String</b>	<b>Password</b>	<b>Password to the account</b>
<b>phone</b>	<b>String</b>	<b>eg. +48500600700</b>	<b>The number to be credited to a blacklist, preferably with international prefix preceded by "+" sign.</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":12354
}
```

## Deleting a number from the black list

### Calling address

For using the remote operation to remove a number from the black list, call the specified URL using the POST method.  
blacklist/delete

### Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	<b>String</b>	<b>Password</b>	<b>Password to the account</b>
<b>phone</b>	<b>String</b>	<b>eg. +48500600700</b>	<b>The number to be credited to a blacklist, preferably with international prefix preceded by "+" sign.</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true
}
```

## Checking if the number is on the black list

### Calling address

For using the remote operating to check whether there is a number on the black list, call the specified URL using the POST method.

## Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
phone	String	eg. <b>+48500600700</b>	The number to see the best of the international prefix preceded by "+" sign.

The parameters in bold are obligatory. Others are optional.

## Return response

```
{  
  "exists":true  
}
```

# Template management

The system allows remote letters, add, edit and delete message templates.

## Listing template

### Calling address

For using the remote operating list the templates, you must call the specified URL using the POST method.  
templates/index

### Available parameters

Parameter	Type	An example value or format	Description
username	String	Login	Username to the account
password	String	Password	Password to the account
sort	String	name	An optional parameter that allows sorting by name template.
order	String	asc desc	An optional parameter you can change the sort order.

The parameters in bold are obligatory. Others are optional.

### Return response

```
{
  "items":[{
    "id":8416,
    "name":"Tytuł szablonu 1",
    "text":"Treść wiadomości"
  },
  {
    "id":8415,
    "name":"Tytuł szablonu 2",
    "text":"Wiadomość testowa"
  }
]
```

## Displaying a single template

### Calling address

For using the remote operating display template, call the specified URL using the POST method.  
templates/view

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	<b>String</b>	<b>Password</b>	<b>Password to the account</b>
<b>id</b>	<b>Integer</b>	<b>eg. 4886</b>	<b>ID template</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "id":8416,
  "name":"Tytuł szablonu 1",
  "text":"Treść wiadomości"
}
```

## Adding a new template

### Calling address

For using the remote operating to create a new template, call the specified URL using the POST method.  
templates/add

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	<b>String</b>	<b>Login</b>	<b>Username to the account</b>
<b>password</b>	<b>String</b>	<b>Password</b>	<b>Password to the account</b>
<b>name</b>	<b>String</b>	<b>Template name</b>	<b>Name of the template.</b>
<b>text</b>	<b>String</b>	<b>text</b>	<b>Message content</b>

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":12354
}
```

## Edit template

### Calling address

For using the remote operating to edit the template, call the specified URL using the POST method.  
templates/edit

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	Login	Username to the account
<b>password</b>	String	Password	Password to the account
<b>id</b>	Integer	eg. 8465	ID template
<b>name</b>	String	Template name	Name of the template.
<b>text</b>	String	text	Message content

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true,
  "id":12354
}
```

## Delete template

### Calling address

For using the remote operation to remove a template, call the specified URL using the POST method.  
templates/delete

## Available parameters

Parameter	Type	An example value or format	Description
<b>username</b>	String	Login	Username to the account
<b>password</b>	String	Haslo	Password to the account
<b>id</b>	String	np. 7584	ID template

The parameters in bold are obligatory. Others are optional.

## Return response

```
{
  "success":true
}
```

# Konsola API

The API console allows you to debug requests to API v2 SerwerSMS.pl using www forms.

It allows you to check the content of transmitted data in a transparent way and read the received verse from the API.

Go to the console <http://apiconsole.serwersms.pl>