Multisend API Guide

24th February 2017

HTTP API

Information

Multisend supports HTTP API to exchange Information related to messages.

An API expresses a software component in terms of its operations, inputs, outputs, and underlying types, defining functionalities that are independent of their respective implementations, which allows definitions and implementations to vary without compromising the interface.

Send SMS

GET: http://api.multisend.co.il/MultiSendAPI/sendsms

Parameter	Description	Presence
user	Name of the user	Yes
password	Password of Multisend Account	Yes
from	Sent Message Side	Yes
recipient	Message Recipient Side	Yes
message	Text that is to be send	Yes
message_type	Type of Message: TTS/SMS/SMS+TTS (Default SMS)	No
scheduledatetime	Message Schedule Date and Time	No
international	Allow to send international	No

	messages: 0/1 (Default 0)	
deliverynotificationURL	Message Delivery Status will be sent to this url	No
customermessageid	Unique Id to keep track of message delivery status notification	No
deliverynotificationmethod	Type of method response: POST / GET (Default POST)	No

Explanation of Parameters

- **user :** The Username of your MultiSend Account.
- **password :** The Password of your MultiSend Account.
- **from :** Sender Id for sending the message

  a) Sender Number : The valid phone number in E164 format.

  b) Sender Text : Should be an Alphanumeric string with 11 maximum characters (the character * is valid to).

- **recipient :** The phone number of the message recipient. It should be a valid phone number in E164 format.
- **message :** The text message to be sent to recipient.
- **message_type :** Type of Message (SMS / TTS / SMS+TTS)

  a) SMS : Message is sent as text.

  b) TTS : Message is sent as voice call.

  c) SMS+TTS: Message is sent as SMS Or TTS based on destination prefix.

- **scheduledatetime :** Message Schedule Date and Time

  If **scheduledatetime** is empty then the message will be sent instantly after the success response.

  Format : YYYY-MM-DD+HH:mm:ss

  Example, 2016-08-24+12:00:00

  YYYY - Four digit year

  MM - Two digit month

  DD - Two digit day

  HH - Two digit hour(24 hours)

mm - Two digit minute

ss - Two digit second

- **international :** Message sent on international number. (0 / 1)

  if **international** is empty or not defined then message will be sent as local message.

  a) 0 : Message is sent as local message.

  b) 1 : Message is sent as internation message.

- **deliverynotificationURL :** URL with urlencode format.
- **customermessageid :** Unique id should be in current timestamp with millisecond format.

  Example Current timestamp with milliseconds is, "1487936272.9609"

  deliverynotificationmethod : Method for delivery notification response. (POST / GET)

PHP Example

```php
<?php
$baseurl =
'http://api.multisend.co.il/MultiSendAPI/sendsms?user=jasmin_username&password=jasmin_pa
ssword&from=from_name&recipient=recipient_number&message=your+message';

$params = '&user=your_username';
$params.= '&password=your_password';
$params.= '&from=from_name';
$params.= '&recipient=recipient_number';
$params.= '&message='.urlencode('your_message');


//Optional Parameter
$params.= '&message_type='.urlencode('message_type');
$params.= '&scheduledatetime=schedule_time';
$params.= '&international=international';
$params.= '&deliverynotificationURL=urlencode(deliverynotificationURL)';
$params.= '&customermessageid=md5(date("Y-m-d H:i:s.u"))';
$params.= '&deliverynotificationmethod=POST';
```

```
$response = file_get_contents($baseurl.$params);

?>
```

Shell Example

```
// Without optional parameter

curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/sendsms?user=your_username&password=your_passw
ord&from=from_name&recipient=recipient_number&message=your+message"

//With Optional parameter

curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/sendsms?user=your_username&password=your_passw
ord&from=from_name&recipient=recipient_number&message=your+message&message_type=
message_type&scheduledatetime=schedule_time&international=international&deliverynotificat
ionURL=deliverynotificationURL&customermessageid=customermessageid&deliverynotification
method=deliverynotificationmethod"
```

Response

Success Response

```
{
    "Success": true,
    "Message" : "SMS have been added in queue successfully."
}
```

Parameter Error Response
```
{
    "Success":false,
    "error": {
        "invalidParams": "usr"
```

```
        "missingRequiredParams": "from, recipient, message"

        "allowedRequiredParams": "user,password, from, recipient, message"

        "allowedOptionalParams": "message_type, scheduledatetime"

    }

}
```

// Parameter Explaination

invalidParams : The parameters in the request other than **allowedRequiredParams**,

allowedOptionalParams

missingRequiredParams : The required parameters missing in the request.

allowedRequiredParams : The valid required parameters for the request.

allowedOptionalParams : The valid optional parameters for the request.

Authorization Error Response

Invalid Access

```
{

    "Success":false,

    "error": {

        "invalid": "You are not authorised to access this API."

    }

}
```


Invalid Username or Password

```
{

    "Success":false,

    "error": {

        "invalid": "Please enter correct username or password."

    }

}
```

POST: http://api.multisend.co.il/MultiSendAPI/sendsms

Parameter	Description	Presence
user	Name of the user	Yes
password	Password of Multisend Account	Yes
from	Sent Message Side	Yes
recipient	Message Recipient Side	Yes
message	Text that is to be send	Yes
message_type	Type of Message: TTS/SMS/SMS+TTS (Default SMS)	No
scheduledatetime	Message Schedule Date and Time	No
international	Allow to send internation messages: 0/1 (Default 0)	No
deliverynotificationURL	Message Delivery Status will be sent to this url	No
customermessageid	Unique Id to keep track of message delivery status notification	No
deliverynotificationmethod	Type of method response: POST / GET (Default POST)	No

Explanation of Parameter

- **user :** The Username of your MultiSend Account.
- **password :** The Password of your MultiSend Account.
- **from :** Sender Id for sending the message

    a) Sender Number : The valid phone number in E164 format.

    b) Sender Text : Should be an Alphanumeric string with 11 maximum characters (the character * is valid to).

- **recipient :** The phone numbers of the message recipients. It should be a valid , separated phone numbers in E164 format.
- **message :** The text message to be sent to recipient.
- **message_type :** Type of Message (SMS / TTS / SMS+TTS)

   a) SMS : Message is sent as text.

   b) TTS : Message is sent as voice call.

   c) SMS+TTS: Message is sent as SMS Or TTS based on destination prefix.
- **scheduledatetime :** Message Schedule Date and Time

   If **scheduledatetime** is empty then the message will be sent instantly after the success response.

   Format : YYYY-MM-DD+HH:mm:ss

   Example, 2016-08-24+12:00:00

      YYYY - Four digit year

      MM - Two digit month

      DD - Two digit day

      HH - Two digit hour(24 hours)

      mm - Two digit minute

      ss - Two digit second
- **international :** Message sent on international number. (0 / 1)

   if **international** is empty or not defined then message will be sent as local message.

   a) 0 : Message is sent as local message.

   b) 1 : Message is sent as internation message.
- **customermessageid :** Unique id should be in current timestamp with millisecond format.

   Example Current timestamp with milliseconds is, "1487936272.9609"
- **deliverynotificationmethod :** Method for delivery notification response. (POST / GET)

PHP Example

```php
<?php
// Post data Without Optional parameter
$postdata = http_build_query(
    array(
```

```php
        'user'=> 'your_username',
        'password' => 'your_password',

        'from'=>'from_name',

        'recipient'=>'5026545454,5062545454',

        'message'=>'your_message',

    )
);
//
// post data With Optional parameter
$postdata = http_build_query(
    array(
        'user'=> 'your_username',
        'password' => 'your_password',

        'from'=>'from_name',

        'recipient'=>'5026545454,5062545454',

        'message'=>'your_message',

        'message_type' => 'your_message_type',

        'scheduledatetime'=>'schedule_time',

        'international'=>'international',

        'deliverynotificationURL'=>'deliverynotificationURL',

        'customermessageid'=>'customermessageid',

        'deliverynotificationmethod'=>'deliverynotificationmethod',

    )
);
//
$baseurl = 'http://api.multisend.co.il/MultiSendAPI/sendsms';

$opts = array('http' =>
    array(
        'method'  => 'POST',
        'header'  => 'Content-type: application/x-www-form-urlencoded',
        'content' => $postdata
    )
);
$context  = stream_context_create($opts);

$response = file_get_contents($baseurl, false, $context);
```

```
?>
```

```
curl -X GET -u "http://api.multisend.co.il/MultiSendAPI/sendsms"
```

Response

Success Response

```
{
    "Success": true,
    "Message" : "SMS have been added in queue successfully."
}
```

Parameter Error Response
```
{
    "Success":false,
   "error": {
      "invalidParams": "usr"
      "missingRequiredParams": "from, recipient, message"
      "allowedRequiredParams": "user, password, from, recipient, message"
      "allowedOptionalParams": "message_type, scheduledatetime"
   }
}
```

// Parameter Explaination

invalidParams : The parameters in the request other than **allowedRequiredParams**,

allowedOptionalParams

missingRequiredParams : The required parameters missing in the request.

allowedRequiredParams : The valid required parameters for the request.

allowedOptionalParams : The valid optional parameters for the request.

Authorization Error Response

<u>Invalid Access</u>

```
{
    "Success":false,
    "error": {
        "invalid": "You are not authorised to access this API."
    }
}
```

<u>Invalid Username or Password</u>

```
{
    "Success":false,
    "error": {
        "invalid": "Please enter correct username or password."
    }
}
```

<u>POST LIMIT Error Response</u>

```
{
    "Success":false,
    "message":"Maximum Request Length allowed is 2000 characters."
}
```

<u>Not Enough Balance</u>

```
{
    "Success":false,
    "message":"You have law balance. "
}
```

Inbound SMS Report

GET: http://api.multisend.co.il/MultiSendAPI/inbound

Parameter	Description	Presence
user	Name of the user	Yes
password	Password of Multisend Account	Yes
start_date	Start Datetime	No
end_date	End Datetime	No
sender_number	Number of Sender	No
receiver_number	Number of Receiver	No
limit	Limit of SMS	No

Explanation of Parameter

- **user :** The Username of your MultiSend Account.
- **password :** The Password of your MultiSend Account.
- **start_date :** Format : YYYY-MM-DD OR YYYY-MM-DD H:i:s

    Example, 2015-10-16 08:30:26

    YYYY - Four digit year

    MM - Two digit month

    DD - Two digit day

    H - Two digit Hour

    MM - Two digit Minutes

    DD - Two digit Seconds

- **end_date :** End date must be grater than start date. Format : YYYY-MM-DD OR YYYY-MM-DD H:i:s

    Example, 2016-08-24 10:03:20

    YYYY - Four digit year

MM - Two digit month

DD - Two digit day

H - Two digit Hour

MM - Two digit Minutes

DD - Two digit Seconds

- **sender_number :** Sender Id used for sending the message

  a) Sender Number : The valid phone number in E164 format.

  b) Sender Text : Should be a Alphanumeric string with 11 maximum characters.

- **receiver_number :** The phone number of the message recipient. It should be a valid phone number in E164 format.
- **limit :** Number of records to fetch

PHP Example

```php
<?php
$baseurl = 'http://api.multisend.co.il/MultiSendAPI/inbound';
$params = '?user=your_username';
$params.= '&password=your_password';

//Optional Parameter
$params.= '&start_date=start_date';
$params.= '&end_date=end_date';
$params.= '&sender_number=sender_number';
$params.= '&receiver_number=receiver_number';
$params.= '&limit=limit';
$response = file_get_contents($baseurl.$params);
?>
```

Shell Example

```
// Without Optional Parameter
```

```
curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/inbound?user=your_username&password=your_passw
ord"
// With Optional Parameter
curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/inbound?user=your_username&password=your_passw
ord&start_date=start_date&end_date=end_date&
sender_number=sender_number&receiver_number=receiver_number&limit=sms_limit"
```

Response

Success Response

```
{
    "Success":true,
    "total_records":2,
    "inbound_message":{
        "0":{
            "sender_number":"9725412345672",
            "receiver_number":"9725412345673",
            "message":"Test",
            "time":"2016-08-24 12:00:00",
            "User name":"Test User1",
            "Campaign name":"Test Campaign1",
            "messageid": "3dcc7034-3a22-410d-af3d-f69d11584562"
        },
        "1":{
            "sender_number":"9725412345674",
            "receiver_number":"9725412345675",
            "message":"Test",
            "time":"2016-08-24 12:00:00",
            "User name":"Test User2",
            "Campaign name":"Test Campaign2",
            "messageid": "4acc7034-3a22-410d-af3d-f69d11584562"
```

```
        }
    }
}
```

Parameter Error Response

```
{
    "Success":false,
    "error": {
        "invalidParams": "usr"
        "missingRequiredParams": "password"
        "allowedRequiredParams": "user, password"
        "allowedOptionalParams": "start_date, end_date, sender_number, receiver_number, limit"
    }
}
```

// Parameter Explaination

invalidParams : The parameters in the request other than **allowedRequiredParams**,
allowedOptionalParams
missingRequiredParams : The required parameters missing in the request.
allowedRequiredParams : The valid required parameters for the request.
allowedOptionalParams : The valid optional parameters for the request.
Authorization Error Response

Invalid Access

```
{
    "Success" : false,
    "error": {
        "invalid": "You are not authorised to access this API."
    }
}
```

Invalid Username or Password

```
{
   "Success":false,
   "error": {
       "invalid": "Please enter correct username or password."
   }
}
```

Get outbound SMS Report

GET: http://api.multisend.co.il/MultiSendAPI/outbound

Parameter	Description	Presence
user	Name of the user	Yes
password	Password of Multisend Account	Yes
start_date	Start Date	No
end_date	End Date	No
sender_number	Number of Sender	No
receiver_number	Number of Receiver	No
limit	Limit of SMS	No
sms_type	Type Of SMS	No
sms_status	Status of SMS	No

Explanation of Parameters

- **user :** The Username of your MultiSend Account.

- **password :** The Password of your MultiSend Account.
- **start_date :** Format : YYYY-MM-DD

  Example, 2015-10-16

  YYYY - Four digit year

  MM - Two digit month

  DD - Two digit day

- **end_date :** End date must be greater than start date. Format : YYYY-MM-DD

  Example, 2016-08-24

  YYYY - Four digit year

  MM - Two digit month

  DD - Two digit day

- **sender_number :** Sender Id used for sending the message

  a) Sender Number : The valid phone number in E164 format.

  b) Sender Text : Should be Alphanumeric string with 11 maximum characters.

- **receiver_number :** The phone number of the message recipient. It should be a valid phone number in E164 format.
- **sms_type :** Type of Message (SMS/TTS)

  a) SMS : Message is sent as text.

  b) TTS : Message is sent as voice call.

- **sms_status :** Status of Outbound Message.
- **limit :** Number of records to fetch.

PHP Example

```
<?php

$baseurl = 'http://api.multisend.co.il/MultiSendAPI/outbound';

$params = '?user=your_username';

$params.= '&password=your_password';
```

```
//Optional Parameter

$params.= '&start_date=start_date';

$params.= '&end_date=end_date';

$params.= '&sender_number=sender_number';

$params.= '&receiver_number=receiver_number';

$params.= '&sms_type=sms_type';

$params.= '&sms_status=sms_status';

$params.= '&limit=limit';

$response = file_get_contents($baseurl.$params);
?>
```

Shell Example

```
curl -X GET -u "curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/outbound?user=your_username&password=your_pass
word&start_date=start_date&end_date=end_date&

sender_number=sender_number&receiver_number=receiver_number&sms_type=sms_type&s
ms_status=sms_status&

limit=sms_limit"
```

Response

Success Response
```
{
    "Success":true,
    "total_records":2,
    "outbound_message": {
        "0": {
```

            "sender_number": "123123123"

            "receiver_number": "1231231231"

            "VIA": "campaign"

            "message": "Test"

            "message_type": "SMS"

            "sms_status": "pending"

            "time": "2016-05-03 13:50:01"

            "User name": "Test User1"

            "Campaign name": " - "

        },

        "1": {

            "sender_number": "123123123"

            "receiver_number": "1231231231"

            "VIA": "campaign"

            "message": "Test"

            "message_type": "SMS"

            "sms_status": "pending"

            "time": "2016-05-03 13:50:01"

            "User name": "Test User2"

            "Campaign name": " - "

        }

    }

}

Parameter Error Response

{

    "Success":false,

    "error": {

        "invalidParams": "usr"

        "missingRequiredParams": "password"

        "allowedRequiredParams": "user, password"

        "allowedOptionalParams": "start_date, end_date, sender_number, receiver_number,

```
sms_type, sms_status,limit"
   }
}
```

// Parameter Explaination

invalidParams : The parameters in the request other than **allowedRequiredParams**, **allowedOptionalParams**

missingRequiredParams : The required parameters missing in the request.

allowedRequiredParams : The valid required parameters for the request.

allowedOptionalParams : The valid optional parameters for the request.

Authorization Error Response

Invalid Access

```
{
   "Success":false,
   "error": {
       "invalid": "You are not authorised to access this API."
   }
}
```

Invalid Username or Password

```
{
   "Success":false,
    "error": {
       "invalid": "Please enter correct username or password."
   }
}
```

Get SMS Balance

GET: http://api.multisend.co.il/MultiSendAPI/balance

Parameter	Description	Presence
user	Name of the user	Yes
password	Password of Multisend Account	Yes
country_phone_code	Country Phone Code	Yes

Explanation of Parameters

- **user :** The Username of your MultiSend Account.
- **password :** The Password of your MultiSend Account.
- **country_phone_code :** The country phone code to get country balance.

PHP Example

```php
<?php
$baseurl =
'http://api.multisend.co.il/MultiSendAPI/balance&user=your_username&password=your_password';
$params = '?username=your_username';
$params.= '&password=your_password';
$params.= '&country_phone_code=972';
$response = file_get_contents($baseurl.$params);
?>
```

Shell Example

```
curl -X GET -u
"http://api.multisend.co.il/MultiSendAPI/balance&user=your_username&password=your_password&country_phone_code=972"
```

Response

Success Response

```
{
   "Success":true,
   "sms": "21"
   "tts": "10"
}
```

Parameter Error Response

```
 {
   "success": false
   "error": {
      "invalidParams": "usr"
      "missingRequiredParams": "user,password,country_phone_code"
      "allowedRequiredParams": "user,password,country_phone_code"
      "allowedOptionalParams": ""
   }
}
```

// Parameter Explaination

invalidParams : The parameters in the request other than **allowedRequiredParams**,
allowedOptionalParams
missingRequiredParams : The required parameters missing in the request.
allowedRequiredParams : The valid required parameters for the request.
allowedOptionalParams : The valid optional parameters for the request.
Authorization Error Response
a) Invalid Access

Invalid Access
```
{
```

```
  "Success":false,
 "error": {
     "invalid": "You are not authorised to access this API."
   }
}
```

Invalid Username or Password

```
{
  "Success":false,
  "error": {
      "invalid": "Please enter correct username or password."
   }
}
```