SOLVERS BULK SMS API INTEGRATION DOCUMENT

Bulk SMS API Integration Document v1.0

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1. Request

1.1 Requesting Sample URL:

http://1.2.3.4/BulkSMSExtAPI.php?SendFrom=<senderID>&SendTo=<receipent Mobile Number>&InMSgID= <30 digit unique message id>&AuthToken= <base 64 encoded authentication token>&Msg=<SMS message>

Example:

http://1.2.3.4/BulkSMSExtAPI.php?SendFrom=Test&SendTo=8801912290220&InMSgID= 880191338011020160124 16352280&AuthToken= VGVzdHxCbGFoNA==&Msg=This is a Test Message from Sender.

1.2   Authentication Token Creation Process:

Combined your Username and Password using '|' sign and encode base64 encode.

Please Do not use '|' sign on your password Field.

PHP Example is as below:

```php
<?php
//Here User name = Test
//Password= Blah4
$string = 'Test|Blah4';
$AuthToken = base64_encode($string);
echo  $AuthToken;
?>
```

Sample Authentication Token: VGVzdHxCbGFoNA==

1.3 In message ID Creation Process:

You can create any 30 digit unique random number:

Sample PHP code is given below to create Unique 30 Digit Random Number:

```php
<?php
        $InMsgID=      $MobileNo.date('YmdHis').rand(1,99);
 ?>
```

Sample In message ID:

88019133801102016012416352280

1.4 Requesting Parameters Description:

Parameter Name	Description	Sample Value
SendFrom	The masking or non-masking text. From Where the SMS send from or the sender ID.	TEST
SendTo	The recipient mobile number. Number must have Country prefix.	8801913380110
InMSgID	Highest 30 Digit Unique ID	88019133801102016012416352280
AuthToken	AuthToken must be the combination of user name and password with base64encoding. Please check the "**Authentication Token Creation Process**."	VGVzdHxCbGFFoNA==
Msg	Sending SMS Text. Must be within 160 Characters	This is a test message

2. Response

2.1 Response Format:

```
<?xml version="1.0" encoding="UTF-8"?>
  <BulkSMSResponce>
          <InMsgID>IN message ID</ InMsgID >
          <SendFrom>Sender ID</ SendFrom >
          <SendTo>Recipient Mobile Number</SendTo>
          <Status>Status of the Message</Status>
          <StatusCode>Status Code</StatusCode>
  </BulkSMSResponce >
```

2.2 Sample Response Format

```
<?xml version="1.0" encoding="UTF-8"?>
  <BulkSMSResponce>
          <InMsgID>88019133801102016012416352280</ InMsgID >
          <SendFrom>Test</ SendFrom >
          <SendTo>8801913380110</SendTo>
          <Status>POSTED</Status>
          <StatusCode>200</StatusCode>
  </BulkSMSResponce>
```

2.3 Response Format Description

Parameter Name	Description	Sample Value
InMsgID	Same In msg id will be return. Which is send at the time of request to API.	88019133801102016012416 352280
SendFrom	The sender masking or numeric ID.	TEST
SendTo	The recipient mobile number.	8801913380110
Status	Status of the sending SMS request. Here: POSTED= Message posted to System. FAILED= Request Failed for the cause of Error. [Please check the Status Code for verify the Error]	POSTED/FAILED
StatusCode	Statue code 200 mean SMS posted successful to the system. Except then 200 mean the requesting process failed. [Please check the Status Code for verify the Error]	200

2.4 Status Code Description:

Status Code	Cause	Action Required
200	OK	
201	Invalid Authentication Token	Please check the Username and password and follow the "Authentication Token Creation Process" to create valid Authentication token.
202	Requested Source IP is not permitted	Please allow the requested source IP. Communicate with solvers team to allow your requesting source IP.
203	Sender Masking ID is not permitted	Please communicate Solvers Team to allow your Masking ID.
204	Invalid Recipient MSISDN number	Please check your Recipient end user mobile Number format.
205	Message is more than 160 Character	Set the SMS length within 160 Character.
206	Credit limit over	Your credit limit is over. Please talk to Solvers Tem to upgrade your credit limit.
207	Credit Time limit Outdated	Your credit limit is Outdated. Please talk to Solvers Tem to upgrade your credit Time.
208	Invalid In Message ID.	You're In message ID is more than 30 character. Please use 30 digit unique ID.
209		
210	Invalid Requesting format	Your requesting format is Invalid. Please check the "**Requesting Sample URL**" to create your request properly.