

# MiM SMS

## API Manual

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## SENDING SMS

### Simple Format by URL Call

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`https://esms.mimsms.com/smsapi?api_key=(APIKEY)&type=text&contacts=(NUMBER)&senderid=(Approved_Sender_ID)&msg=(Message_Content)&reply=Y`

You can simply call the url above to send api sms. Have to change the parameter values as explained below.

#### Parameter Details:

api_key	Your API key, can be found in the developer page of your account.
type	Sms content type; possible values: (text, unicode); text for english content, unicode for bangla content.
contacts	Recipient mobile numbers separated by comma(,) or plus(+); example: 88017XXXXXXXX,88018XXXXXXXX,88019XXXXXXXX...
senderid	Your desired sms sender id; can be found by logging into your account (Messaging>Sender ID)
msg	Your sms content; Please use url encoding if your sms contains special characters like &, \$, @ etc.
scheduledDateTime	(optional) For submitting sms later.
reply	(optional); possible values: Y

*Api response details are described at the bottom of this section.*

### JSON Format

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## #1: One to Many (Common sms text to multiple recipients)

```
{
  type : "post",
  url : "https://esms.mimsms.com/smsapi", data : {
    "api_key" : "{your api key}",
    "type" : "{content type}",
    "contacts" : "88017xxxxxxxx,88018xxxxxxxx",
    "senderid" : "{approved sender id}",
    "msg" : "{sms content}",
    "scheduledDateTime" : "{schedule date time}"
  }
}
```

*Parameter details are same as - [Simple Format by URL Call](#)*

## #2: Many to Many (Individual sms text to individual recipient)

```
{
  type : "post",
  url : "https://esms.mimsms.com/smsapimany", data : {
    "api_key" : "{your api key}",
    "senderid" : "{approved sender id}",
    "scheduledDateTime" : "{schedule date time}",
    "messages" : [
      {
        "to" : "88017xxxxxxxx",
        "message" : "test sms content ..."
      }
    ],
  }
}
```

```

{
  "to" : "88018xxxxxxx",
  "message" : "test sms content ..."
}
]
}
}

```

**Additional Parameter Details:** the "messages" parameter expects an array of objects of separate mobile numbers and separate sms text.

## API Response Details

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SMS SUBMITTED: ID - ##### (Request Received Successfully)

1000, ##### (Request Received Successfully if requested reply)

### Error Code & Meaning:

1000	Success
1002	Sender Id/Masking Not Found
1003	API Not Found
1004	SPAM Detected
1005	Internal Error
1006	Internal Error
1007	Balance Insufficient
1008	Message is empty
1009	Message Type Not Set (text/unicode)
1010	Invalid User & Password
1011	Invalid User Id
1012	No Valid Number Found

## DLR Code & Meaning:

DLR Code	Meaning
1028	Absent subscriber
6	Absent subscriber for SM
13	Barred subscriber
0	Delivered
1	Delivered
9	Illegal subscriber
16	REJECTED
8	SMS Failed
11	SMS Failed
36	SMS Failed (content or sender block)
400	SMSC Timeout-abort
456	SMSC Timeout-abort
31	Subscriber Busy
34	System failure
32	Undelivered
5	Unidentified subscriber

## Source Code Example

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### PHP Sample Code One to Many:

```
<?php
function send_sms() {
    $url = "https://esms.mimsms.com/smsapi";
    $data = [
        "api_key" => "your_api_key",
        "type" => "text",
        "contacts" => "88017xxxxxxxx,88018xxxxxxxx",
        "senderid" => "approved_sender_id",
        "msg" => "Test SMS Text"
    ];
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_POST, 1);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $data);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $response = curl_exec($ch);
    curl_close($ch);
    return $response;
}
?>
```

## PHP Sample Code Many to Many:

```
<?php
function send_sms() {
    $url = "https://esms.mimsms.com/smsapimany";
    $data = [
        "api_key" => "your_api_key",
        "senderid" => "approved_sender_id",
        "messages" => json_encode([
            [
                "to"          => "*****",
                "message"     => "sms content"
            ],
            [
                "to"          => "*****",
                "message"     => "sms content 2"
            ]
        ])
    ];
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_POST, 1);
    curl_setopt($ch, CURLOPT_POSTFIELDS, $data);
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $response = curl_exec($ch);
    curl_close($ch);
    return $response;
}
?>
```

## jQuery Ajax Sample Code:

```
$.ajax({
  type : "post",
  url :
  "https://esms.mimsms.com/smsapiman
y", data : {
    "api_key" : " your_api_key ",
    "senderid" : "approved_sender_id",
    "messages" : [
      {
        "to" : "88017xxxxxxxx",
        "message" : "Test SMS Text Will Be Delivered To 88017xxxxxxxx"
      },
      {
        "to" : "88018xxxxxxxx",
        "message" : " Test SMS Text Will Be Delivered To 88018xxxxxxxx"
      },
    ]
  }
});
```

# RETRIVING INFORMATIONS

## Delivery Report

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**API URL:** [https://esms.mimsms.com/miscapi/\(API\\_Key\)/getDLR/getAll](https://esms.mimsms.com/miscapi/(API_Key)/getDLR/getAll)

**API\_Key:** Put your API Key here

**Chunk per call:** 100

**Response:**

```
<?xml version="1.0" encoding="UTF-8"?>
<dlr>
<message>
<MSISDN>88017xxxxxxx</MSISDN>
<SMS>"SMS Content..."</SMS>
<SMSSent>2017-12-01 08:23:30</SMSSent>
<DLRReceived>2017-12-01 08:23:30</DLRReceived>
<DLRStatus>1</DLRStatus>
<DLRStatusDetails>Delivered</DLRStatusDetails>
</message>
<message>
<MSISDN>88018xxxxxxx</MSISDN>
<SMS>"SMS Content..."</SMS>
<SMSSent>2017-12-01 08:23:30</SMSSent>
<DLRReceived>2017-12-01 08:23:30</DLRReceived>
<DLRStatus>1</DLRStatus>
<DLRStatusDetails>Delivered</DLRStatusDetails>
</message>
</dlr>
```

## Delivery Report with SMS Shoot ID

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**API URL:** [https://esms.mimsms.com/miscapi/\(API\\_Key\)/getDLR/\(SMS\\_SHOOT\\_ID\)](https://esms.mimsms.com/miscapi/(API_Key)/getDLR/(SMS_SHOOT_ID))

## Delivery Report with SMS Shoot ID (Multiple Time)

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**API URL:** [https://esms.mimsms.com/miscapi/\(API\\_Key\)/getDLRRep/\(SMS\\_SHOOT\\_ID\)](https://esms.mimsms.com/miscapi/(API_Key)/getDLRRep/(SMS_SHOOT_ID))

**API\_Key:** Put your API Key here

**SMS\_SHOOT\_ID:** Enter the SMS ID returned when submitted SMS via API. It will return an array having mobile numbers and their DLR status.

**Response:**

```
<?xml version="1.0" encoding="UTF-8"?>
<dlr>
<message>
<MSISDN>88017xxxxxxx</MSISDN>
<SMS>"SMS Content..."</SMS>
```



<SMSSent>2017-12-01 08:23:30</SMSSent>

<DLRReceived>2017-12-01 08:23:30</DLRReceived>

```
<DLRStatus>1</DLRStatus>  
<DLRStatusDetails>Delivered</DLRStatusDetails>  
</message>  
</dlr>
```

## Credit Balance

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**API URL:** [https://esms.mimsms.com/miscapi/\(API\\_Key\)/getBalance](https://esms.mimsms.com/miscapi/(API_Key)/getBalance)

**API\_Key:** Put your API Key here

## API Key Retrieval

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**API URL:** [https://esms.mimsms.com/getkey/\(username\)/\(password\)](https://esms.mimsms.com/getkey/(username)/(password))

**username:** Your account User ID used to login.

**password:** Account password that you use to login.