



Depth Computing Limited
Hurlingham Area
Nairobi Area 15359-0400
Kenya
Tel: +254790619043
www.depthcomputing.co.ke

UjumbeSMS API Technical Documentation

UjumbeSMS API is a simple and straightforward API for sending messages over HTTP/HTTPS. This document details the technical details for the usage of the API and guides you to execute these actions using REST.

NOTE:

1. Communication is via JSON
2. All requests should be made via POST
3. Authentication details are on the HTTP header
4. API assumes you have correctly formatted your phone numbers
5. API assumes you are using the correct sender ID, if you have no registered sender ID, the default is UjumbeSMS

Authentication.

The first step in accessing the UjumbeSMS API to carry out third party integration is to create API credentials. Login in to use account on ujumbesms.co.ke, navigate to developers API and generate your auth details to use on the API.

All API requests have to be made with the API credentials as part of the API call parameters.

Parameter	Value
X-Authorization	[your_API_key]
Email	[you_account_email]

Sending an SMS.

This API call sends one or more SMS messages for delivery to one or more specified recipients using a default or registered Sender ID.

The API service endpoint for making the **Send SMS** API call is:

<http://ujumbesms.co.ke/api/messaging>

The API request is made via **HTTP POST**. Some of the parameters are required while others are optional. All the parameter are in the json data string.

The API will access POST data in the format below:

```
{
  "data":[
    {
      "message_bag":{
        "numbers":"0723660400,0712090304",
        "message":"Message from the first bag",
        "sender":"DEPTHSMS"
      }
    },
    {
      "message_bag":{
        "numbers":"07123456789",
        "message":"Message in bag 2",
        "sender":"YOUR_SENDER_ID"
      }
    }
  ]
}
```

Above is a valid ujumbesms json string.

Explanation

The API will get the numbers and messages in the “message_bag” and send them as is. The message_bag will contain the numbers (one number or multiple number separated by commas), the message in that bag, and the sender id to use.

You can have as many message bags as you would wish, each with its corresponding data.

Example:

POST /api/messaging HTTP/1.1

Host: localhost:8080

X-Authorization: 15ed827de97ce758ec4652c5bece3ec9f4889f7f

email: youremail@gmail.com

Cache-Control: no-cache

```
{ "data": [ { "message_bag": { "numbers": "07123456789", "message": "Message from the first bag", "sender": "DEPTHSMS" } }, { "message_bag": { "numbers": "07123456789,07123456789", "message": "Quickly communicate resource intensive products.", "sender": "DEPTHSMS" } } ] }
```

Response:

```
{
  "status": {
    "code": "1008",
    "type": "success",
    "description": "Your messages have been queued"
  },
  "meta": {
    "recipients": 3,
    "credits_deducted": 3,
    "available_credits": "6608",
    "user": "your registered name",
    "date_time": {
      "date": "2015-08-15 18:19:47",
      "timezone_type": 3,
      "timezone": "Africa/Nairobi"
    }
  }
}
```