



**MERGDATA**

**MOBILE COMMUNICATION & DATA COLLECTION  
SIMPLIFIED**

# MERGDATA SMS API DOCUMENTATION

## Overview

This document is intended to aid third party developers to integrate their apps into the MERGDATA messaging platform to send SMS to intended contacts.

## Prerequisites

All third party developers who need access to the Mergdata platform for external services must first complete all contractual arrangements with Farmerline LTD. Upon successful registration a MERGDATA account will be created. The account will come with a valid API-Token which will be included in every request for both authentication and identification.

## API ACCESS

### Authentication

All requests to MERGDATA SMS API should contain in the header the API-Token acquired upon registration

**Format**     `Api-Token:exampleAPIToken [header key value pair]`

### SMS Request

All requests to MERGDATA SMS API should contain in the header the API-Token acquired upon registration

**Endpoint :** `https://messaging.mergdata.com/api/v1/sms/send`

**Method :** POST

**Data Type:** Application/Json

## Request parameters

Field	Description	Example	Optional/Mandatory
sender_id	Short name to be shown as sender's name	Farmerline	Mandatory
Contacts	JSON array of id and phone number fields, ids will be returned to indicate successful and failed requests	[ { "id":"1234", "phone":"0241111111" }, { "id":"1234", "phone":"0241111111" } ]	Mandatory
message	Message body to be sent	Welcome to MERGDATA SMS API	Mandatory

Eg:

```
{  
  "sender_id":"Farmerline",  
  "contacts":[  
    {  
      "id":"1234",  
      "phone":"0241111111"  
    },  
    {  
      "id":"1235",  
      "phone":"0501111111"  
    }  
  ],  
  "message":"Trying Mergdata SMS API"  
}
```

## Response

### Success

Field	Value	Description
status	success	indicating request success
status_code	1000	Code indicating request success
status_text	Variable	The full description
sms_succeeded	Json array	Json array of reference ids of contacts that succeeded
sms_failed	Json array	Json array of reference ids of contacts that failed

Eg:

```
{
  "status": "success",
  "status_code": "1000",
  "status_text": "Message is successfully initiated",
  "sms_succeeded": ["1234", "1235"],
  "sms_failed": ["1236", "1237"]
}
```

### Failure

Field	Value	Description
status	error	indicating request failure
status_code	1001	Code indicating request failure
status_text	Variable	The full description of cause of failure

Eg:        {  
          "status":"error",  
          "error\_code":"1001",  
          "error\_text":"Insufficient balance"  
          }