



# REST API Integration Guidelines

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## Overview

This manual provides detailed instructions on integrating and using the SMS sending API. This manual will guide you through the steps to set up, authenticate, and send SMS using the API.

## Prerequisites

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Before integrating the API, ensure you have the following:

- An active account with textit.biz.
- API credentials (API key).
- Curl installed on your system or a similar tool to make HTTP requests.
- Basic knowledge of JSON and HTTP requests.

## Authentication

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The API uses Basic Authentication for secure access. You need to include the Authorization header with your API key .

## Endpoint

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The base URL for the API is: <https://api.textit.biz/>

## Headers

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Include the following headers in your API request:

- Content-Type: application/json: Specifies that the request body format is JSON.
- Accept: \*/\*: Indicates that the client will accept any content type in response.
- X-API-VERSION: v1: Specifies the API version.
- Authorization: Basic [API Key]: Contains the API credentials for authentication.

## Request Format

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The request should be sent as a JSON payload containing the recipient's phone number and the message text.

## Example Request

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Below is an example of a curl command to send an SMS:

```
curl --location 'https://api.textit.biz/' \  
--header 'Content-Type: application/json' \  
--header 'Accept: */*' \  
--header 'X-API-VERSION: v1' \  
--header 'Authorization: Basic XXXXXXXXXXXXXXXX' \  
--data '{  
  "to": "94772823050",  
  "text": "Test"  
}'
```

### ***Explanation***

--location: Follow redirects if the server responds with a redirect.

--header 'Content-Type: application/json': Indicates that the request body is JSON.

--header 'Accept: \*/\*': Accept any response content type.

--header 'X-API-VERSION: v1': Specify the API version.

--header 'Authorization: Basic XXXXXXXXXXXXXXXX': (Replace with your API Key) Authenticate using Basic Authentication with the encoded API key.

--data '{ "to": "94772823050", "text": "Test" }': JSON payload with the recipient's phone number and the message text.

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## Parameters

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Parameter	Expected Value	Notes
<b>To</b>	Recipient's phone number	<b>Required</b>
<b>text</b>	The Message Text	<b>Required</b>
<b>ref</b>	Pass-through Parameter	<b>Optional</b> Only shows in reports and account overview page for your reference
<b>schd</b>	Scheduled sending date / time	<b>Optional</b> SMS Send Date / Time in below formats YYYY-MM-DD_HH:MM or YYYYMMDDHHMM Eg. schd=2021-01-31_23:59 or schd=202101312359

## Step-by-Step Integration Guide

### Step 1: Set Up Your Environment

Ensure that you have curl installed on your system. You can download and install curl from <https://curl.se/download.html> if it's not already installed.

### Step 2: Obtain API Credentials

Log in to your account on [textit.biz](https://textit.biz) and navigate to the settings tab to obtain your API key.

### Step 3: Construct the API Request

Create a JSON object containing the recipient's phone number and the message text. Use the example provided above as a reference.

### Step 4: Send the API Request

Use curl or any HTTP client to send the constructed request to the API endpoint. The response will indicate whether the SMS was sent successfully.

### Step 5: Handle the Response

Check the API response for the status of the SMS. A successful response will indicate that the SMS has been sent, while an error response will provide details on what went wrong.

### Error Handling

The API may return various HTTP status codes and error messages. Ensure to handle these appropriately in your application. Common status codes include:

200 OK: The SMS was sent successfully.

400 Bad Request: Required Parameters not present.

401 Unauthorized: Authentication failed.

403 Forbidden: Authentication Failed.

402 Payment Required : Low credit balance

## Conclusion

By following this integration manual, you should be able to set up and use the SMS sending API to send messages programmatically. If you encounter any issues, contact [textit.biz](https://textit.biz) support for further assistance.