Mifumo SMS API - Quick Reference Guide

■ **Quick Start**

1. Get Your API Key

```
# Visit the dashboard http://127.0.0.1:8001/api/integration/dashboard/
```

2. Send Your First SMS

```
curl -X POST "http://127.0.0.1:8001/api/integration/v1/sms/send/" \ -H
"Content-Type: application/json" \ -H "Authorization: Bearer YOUR_API_KEY"
\ -d '{ "message": "Hello from Mifumo SMS!", "recipients":
["+255123456789"] }'
```

■ **SMS API**

Endpoint	Method	Description
`/v1/sms/send/`	POST	Send SMS
`/v1/sms/status/{id}/`	GET	Get message status
`/v1/sms/delivery-reports/`	GET	Get delivery reports
`/v1/sms/balance/`	GET	Get account balance

Send SMS Payload

```
{ "message": "Your message here", "recipients": ["+255123456789"],
"sender_id": "MIFUMO" }
```

■ **Contacts API**

Endpoint	Method	Description
`/v1/contacts/create/`	POST	Create contact
`/v1/contacts/{id}/`	GET	Get contact
`/v1/contacts/{id}/update/`	PUT	Update contact
`/v1/contacts/{id}/delete/`	DELETE	Delete contact
`/v1/contacts/search/`	GET	Search contacts

Create Contact Payload

```
{ "name": "John Doe", "phone_number": "+255123456789", "email":
"john@example.com", "tags": ["customer"] }
```

■■ **Segments API**

Endpoint	Method	Description
`/v1/contacts/segments/create/`	POST	Create segment
`/v1/contacts/segments/{id}/`	GET	Get segment
`/v1/contacts/segments/{id}/update/`	PUT	Update segment
`/v1/contacts/segments/{id}/delete/`	DELETE	Delete segment

■ **Authentication**

All requests require:

```
Authorization: Bearer YOUR_API_KEY Content-Type: application/json
```

■ **Response Format**

Success Response

```
{ "success": true, "message": "Operation successful", "data": { /* response
data */ }, "error_code": null, "details": null }
```

Error Response

```
{ "success": false, "message": "Error description", "data": null,
"error_code": "ERROR_CODE", "details": "Additional details" }
```

■ **Common Error Codes**

Code	Description
`INVALID_CREDENTIALS`	Invalid API key
`INVALID_PHONE`	Invalid phone format
`INSUFFICIENT_BALANCE`	Low account balance
`RATE_LIMIT_EXCEEDED`	Too many requests

■ **Phone Number Format**

Use E.164 format:
- ■ `+255123456789`
- ■ `0751234567`
- ■ `255123456789`

■ **Webhooks**

Set up webhooks for real-time notifications:
```
{ "message": "Hello!", "recipients": ["+255123456789"], "webhook_url":
"https://your-domain.com/webhook" }
```

■ **Rate Limits**

- SMS: 100/minute
- API: 1000/hour
- Contacts: 500/hour

■ **Need Help?**

- **Dashboard**: http://127.0.0.1:8001/api/integration/dashboard/
- **Documentation**: http://127.0.0.1:8001/api/integration/documentation/
- **Support**: support@mifumosms.com