

DEVELOPER DOCUMENTATION

Bulk SMS API

Send transactional and promotional SMS to MTN, Airtel, Glo and 9mobile, schedule sends, and receive delivery reports by webhook or by polling.

Version	1.1
Updated	October 2026
API host	Shared with you during integration
Support	commercial@eudorng.com · +234 706 055 3995

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1. Authentication

Every request is authenticated with an API key sent as a bearer token.

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

Getting your key. Your API key is issued during onboarding. It does not expire, but can be revoked and a new key issued on request. Never share your API key publicly; treat it like a password.

IP whitelisting. Provide your server IP addresses during onboarding. When whitelisting is enabled, only requests from those IPs are accepted.

2. Send transactional SMS — single recipient

For OTPs, alerts and other messages a customer expects. Transactional messages reach numbers on DND.

POST /v1/sms/send

HEADERS

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

REQUEST BODY

Field	Type	Required	Description
<code>ref_id</code>	String	Yes	Your unique reference for this request, used to prevent duplicates. Max 15 characters.
<code>sender_id</code>	String	Yes	An approved, pre-registered sender ID (e.g. <code>BANKXYZ</code>).
<code>recipient</code>	String	Yes	Phone number in international format, e.g. <code>+2348012345678</code> (the + is optional).
<code>telco</code>	String	No	Network of the phone number: <code>MTN</code> , <code>Glo</code> , <code>Airtel</code> or <code>9mobile</code> . Optional — leave it out and the platform determines the network.
<code>message</code>	String	Yes	SMS content. 160 characters per page, or 70 per page when <code>unicode</code> is true.
<code>unicode</code>	Boolean	No	Set to true for non-Latin characters, emoji or symbols such as ₦. Default false.
<code>schedule</code>	String	No	Send time in ISO 8601, e.g. <code>2026-11-02T09:00:00+01:00</code> . Omit or null to send now.
<code>delivery_report</code>	Boolean	No	Set to false to turn off delivery reports for this request. Default true.

SAMPLE REQUEST

```
{
  "ref_id": "REQ001",
  "sender_id": "BANKXYZ",
  "recipient": "+2348012345678",
  "message": "Your account has been credited with NGN 5,000.",
  "unicode": false,
  "schedule": null
}
```

Write **NGN** rather than **₦**: the naira sign is not a standard SMS character and switches the message to Unicode (70 characters per page).

RESPONSE BODY

Field	Type	Description
<code>ref_id</code>	String	The <code>ref_id</code> you sent.
<code>request_id</code>	String	Our ID for the request. Use it to query status and delivery reports.
<code>status</code>	String	<code>success</code> , <code>failed</code> or <code>error</code> .

Field	Type	Description
message_count	Integer	Pages × recipients. A 2-page message to 3 recipients counts as 6.
recipient_count	Integer	Unique recipients in the request (always 1 for a single send).
units	Double	Estimated SMS units charged for the request.

SAMPLE RESPONSE

```
{
  "ref_id": "REQ001",
  "request_id": "sms-5f4g3d2s2c",
  "status": "success",
  "message_count": 1,
  "recipient_count": 1,
  "units": 2.0
}
```

3. Send transactional SMS — bulk recipients

The same message to many recipients in one request.

POST /v1/sms/bulk

HEADERS

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

REQUEST BODY

Field	Type	Required	Description
ref_id	String	Yes	Your unique reference for this request, used to prevent duplicates. Max 15 characters.
sender_id	String	Yes	An approved, pre-registered sender ID (e.g. BANKXYZ).
recipients	Array	Yes	List of phone numbers in international format, e.g. ["+2348012345678", "+2347012345678"] .
telco	String	No	Network of the phone number: MTN , Glo , Airtel or 9mobile . Optional — leave it out and the platform determines the network.
message	String	Yes	SMS content. 160 characters per page, or 70 per page when unicode is true.
unicode	Boolean	No	Set to true for non-Latin characters, emoji or symbols such as ₦. Default false.

Field	Type	Required	Description
<code>schedule</code>	String	No	Send time in ISO 8601, e.g. <code>2026-11-02T09:00:00+01:00</code> . Omit or null to send now.
<code>delivery_report</code>	Boolean	No	Set to false to turn off delivery reports for this request. Default true.

SAMPLE REQUEST

```
{
  "ref_id": "REQ002",
  "sender_id": "BANKXYZ",
  "recipients": ["+2348012345678", "+2347012345678"],
  "message": "Your account has been credited with NGN 5,000.",
  "unicode": false,
  "schedule": "2026-11-02T09:00:00+01:00"
}
```

SAMPLE RESPONSE

```
{
  "ref_id": "REQ002",
  "request_id": "sms-5f4g3d2s1a",
  "status": "success",
  "message_count": 2,
  "recipient_count": 2,
  "units": 4.0
}
```

The response fields are the same as for a single send.

4. Send promotional SMS

For offers, launches and marketing. Promotional messages are not delivered to numbers on DND and must follow the networks' sending-hour rules. Send them to one or more recipients.

POST `/v1/sms/promotional`

HEADERS

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

REQUEST BODY

Field	Type	Required	Description
<code>ref_id</code>	String	Yes	Your unique reference for this request, used to prevent duplicates. Max 15 characters.

Field	Type	Required	Description
sender_id	String	Yes	An approved, pre-registered sender ID (e.g. <code>BANKXYZ</code>).
recipients	Array	Yes	List of phone numbers in international format, e.g. <code>["+2348012345678"]</code> .
telco	String	No	Network of the phone number: <code>MTN</code> , <code>Glo</code> , <code>Airtel</code> or <code>9mobile</code> . Optional — leave it out and the platform determines the network.
message	String	Yes	SMS content. 160 characters per page, or 70 per page when <code>unicode</code> is true.
unicode	Boolean	No	Set to true for non-Latin characters, emoji or symbols such as <code>₦</code> . Default false.
schedule	String	No	Send time in ISO 8601, e.g. <code>2026-11-02T09:00:00+01:00</code> . Omit or null to send now.
delivery_report	Boolean	No	Set to false to turn off delivery reports for this request. Default true.

SAMPLE REQUEST

```
{
  "ref_id": "REQ003",
  "sender_id": "BRANDNG",
  "recipients": ["+2348012345678", "+2347012345678", "+2349012345678"],
  "message": "Weekend offer: 20% off all data bundles. Reply STOP to opt out.",
  "unicode": false,
  "schedule": "2026-11-07T10:00:00+01:00"
}
```

SAMPLE RESPONSE

```
{
  "ref_id": "REQ003",
  "request_id": "sms-7h2k9p4q1z",
  "status": "success",
  "message_count": 3,
  "recipient_count": 3,
  "units": 6.0
}
```

5. Delivery reports

Webhook

1. Give us your webhook URL during onboarding, e.g. `https://yourcompany.com/sms/delivery-report`.
2. We send a `POST` to that URL for each recipient when the final status is known.

WEBHOOK PAYLOAD

```
{
  "request_id": "sms-5f4g3d2s1a",
  "recipient": "+2348012345678",
  "status": "delivered",
  "error_code": null,
  "timestamp": "2026-11-02T09:00:04+01:00"
}
```

`status` is one of `delivered`, `failed`, `sent` or `expired`. Respond with HTTP **200 OK** to acknowledge. If we don't receive a 200, we retry twice more.

Polling

GET `/v1/sms/report/{request_id}`

HEADERS

- `Authorization: Bearer YOUR_API_KEY`

SAMPLE RESPONSE

```
{
  "request_id": "sms-5f4g3d2s1a",
  "statuses": [
    {
      "recipient": "+2348012345678",
      "status": "delivered",
      "timestamp": "2026-11-02T09:00:04+01:00"
    },
    {
      "recipient": "+2347012345678",
      "status": "failed",
      "error_code": "invalid_number",
      "timestamp": "2026-11-02T09:00:06+01:00"
    }
  ]
}
```

6. Message status

Delivery status for one recipient of a request.

GET /v1/sms/status/{request_id}/{recipient}

HEADERS

- Authorization: Bearer YOUR_API_KEY

SAMPLE RESPONSE

```
{
  "request_id": "sms-5f4g3d2s1a",
  "recipient": "+2348012345678",
  "status": "delivered",
  "timestamp": "2026-11-02T09:00:04+01:00"
}
```

Status lifecycle: queued → sent → delivered, failed or expired.

7. Account balance and rates

Check balance

GET /v1/account/balance

HEADERS

- Authorization: Bearer YOUR_API_KEY

```
{
  "status": "success",
  "units": 2000.15
}
```

Check rates

Your current price per SMS page, by network and route.

GET /v1/account/rate

HEADERS

- Authorization: Bearer YOUR_API_KEY

```
{
  "status": "success",
  "data": [
    { "telco": "MTN",      "transactional_rate": 2.10, "promotional_rate": 1.85 },
    { "telco": "Airtel",  "transactional_rate": 2.05, "promotional_rate": 1.80 },
    { "telco": "Glo",     "transactional_rate": 2.00, "promotional_rate": 1.75 },
    { "telco": "9mobile", "transactional_rate": 2.15, "promotional_rate": 1.90 }
  ]
}
```

Rates shown are examples only.

8. Errors

HTTP code	Meaning
400	Bad request, e.g. a missing or invalid parameter.
401	Unauthorised: invalid or missing API key, or the request came from an IP that isn't whitelisted.
409	Duplicate request: this <code>ref_id</code> has already been used.
429	Too many requests: rate limit exceeded.
500	Internal server error. Retry later or contact support.

SAMPLE ERROR RESPONSE

```
{
  "error": "invalid_recipient",
  "error_description": "Recipient +2340000000000 is invalid."
}
```

9. Rate limits, security and formats

Rate limits

- Rate limits are configured per client and agreed during onboarding. Ask us if you need a higher limit.
- Requests over the limit return HTTP 429 with the headers `X-RateLimit-Limit` (requests allowed) and `X-RateLimit-Remaining` (requests left).

Security

- All endpoints use HTTPS; data is encrypted in transit with TLS 1.2 or higher.
- Store your API key securely, never in client-side code or public repositories.
- When IP whitelisting is enabled, requests must come from a whitelisted IP.

Formats

- **Phone numbers:** international format with country code, with or without the +, e.g. `+2348012345678` or `2348012345678`.
 - **Sender ID:** only approved, pre-registered sender IDs are accepted.
 - **Unicode:** set `unicode` to true for non-Latin characters, emoji or symbols such as ₦.
 - **Duplicates:** each `ref_id` must be unique; reusing one returns 409.
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10. Changes in this version

- `telco` is now documented as optional on all send endpoints.
- Single-recipient sample now uses the `recipient` field.
- Sample phone numbers corrected to valid Nigerian numbers (+234).
- Sample messages use NGN so they stay in standard SMS encoding.
- Sample `message_count` values corrected to pages × recipients.
- 409 error refers to `ref_id`; rate limits are now set per client; phone numbers are accepted with or without the +.
- Added sample responses for bulk and promotional sends; JSON samples are now valid JSON.