



## MESSAGING CHANNELS

# SMS API

## SMS API for critical messages, over REST or SMPP.

An SMS API lets your software send text messages, such as one-time passcodes and alerts, with a single HTTP request. With BroadNet, your code calls POST /sms/sendSms with a Bearer token, or binds over SMPP for high-volume pipelines. Documented in an OpenAPI 3.1 spec, with an official TypeScript SDK and delivery reports by webhook.

**99.9%**

API uptime SLA

**200+**

countries reached

**1,000+**

direct operator connections

**3.1**

OpenAPI spec

## KEY CAPABILITIES

**Safe retries**

Every accepted send returns a message ID. Retry on network errors and 5xx with backoff, and reconcile by message ID.

**Concurrent connections**

Parallel SMPP binds per account and HTTP/2 multiplexing on REST. Throttling is per tier, never per connection.

**Rate-limit transparency**

RateLimit headers on every response; 429s come with Retry-After. No silent throttling.

**Delivery webhooks**

Delivery receipts are pushed to your webhook and tied to the message ID, for REST and SMPP traffic alike.

**Auto-failover**

Multi-region active-active. If a route degrades mid-campaign, in-flight messages are re-queued on a healthy bind.

**OpenAPI 3.1 spec**

Machine-readable at /developers/openapi.yaml. Generate a client in any language, or use the official TypeScript SDK.

## USE CASES

One-time passcodes and alerts

Transactional traffic over REST

High-volume sending over SMPP

Immediate or scheduled sends

## HOW IT WORKS

- 1 Your app calls POST /sms/sendSms over TLS with a Bearer token and a JSON body.
- 2 The API edge checks the token, validates the request and returns the message ID.
- 3 A per-route quality score selects the fastest legal SMPP bind to the destination operator.
- 4 The delivery report is POSTed to your webhook, keyed to the message ID.

## INTEGRATION OPTIONS

- REST over HTTPS: POST /sms/sendSms, JSON, Bearer-token auth
- SMPP 3.4 (5.0 on request): transmitter, receiver and transceiver binds
- Official TypeScript / Node.js SDK: @broadnet/cpaas-sdk
- OpenAPI 3.1 spec: import into Postman or Insomnia
- Delivery reports by webhook, retried with exponential backoff

## SECURITY &amp; COMPLIANCE

ISO 27001

ISO 27018

ISO 9001

ISO 22301

SOC 2 Type II

GDPR compliance

Member of GSMA · MEF

## Request test access

A messaging engineer replies within 1 business day with your test credentials.

[www.broadnet.me/signup](https://www.broadnet.me/signup)

Full details

[www.broadnet.me/products/sms-api](https://www.broadnet.me/products/sms-api)