SMS platform with SMPP client and server

Source code licence · Flovoice SRL · florin@flo-voice.com

What it is

A complete outbound SMS platform for prepaid customers: HTTP API and web panel, SMPP client (to carriers), SMPP server (for your own customers), routing, rate cards, campaigns and reseller accounts.

Features

- HTTP API (campaigns, series, messages, contacts, templates, webhooks, Sender IDs)
- SMPP client to carriers (transceiver bind, delivery reports) and SMPP server for customers (plain and TLS)
- Routing by country and prefix; supplier and customer rate cards; base price
- Campaigns, recurring campaigns, drip sequences, templates, inbox
- Global STOP list, Sender ID approvals, low-balance alerts, durable webhooks
- Resellers with sub-accounts, team roles, 2FA
- Prepaid balance in EUR, Stripe card top-ups
- SIM-gateway sending (optional)
- English and Romanian interface

Architecture

- Next.js 16 (App Router), React 19, TypeScript, Tailwind 4
- PostgreSQL with Drizzle ORM
- Separate SMPP server process; background sweep for retries, delivery reports, recurring sends and webhooks
- Runs behind nginx with pm2; setup and deploy scripts included

Quality

- Over 300 automated tests (in-memory Postgres, no external services needed)
- Type check, lint and production build clean
- Reviewed for security: SSRF filter, rate limits, 2FA rules, health endpoint access
- README, .env.example, server-setup and deploy scripts

Not included

- No carrier connection ships with the code: you add your own SMPP routes and credentials
- WhatsApp, Viber, MMS and voice integrations are in the code but untested against live providers
- No Docker image yet

Licence options (one-time payment, negotiable)

- Non-exclusive licence: 2,500 USD
- Exclusive licence: 7,000 USD
- Full assignment: 9,900 USD

Code is shared after an NDA. Demo on test data on request. Contact: florin@flo-voice.com