

Drop Srbija v2 — Project Status

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Last Updated: 2026-04-17
Status: Phases 0-4 Complete | Phases 5-6 CEO-Gated

Current State

Drop Srbija v2 is a complete rebuild of the Serbian payment app using ALAI's standard tech stack. The project has completed foundational infrastructure, security hardening, full backend/frontend implementation, comprehensive testing, and production-ready deployment configuration.

Completed Phases

Phase	Status	Completion Date	Evidence
Phase 0: Security Hardening	☑ Complete	2026-04-17	5 P0 fixes, Makefile port, security CI
Phase 1: Frontend Port	☑ Complete	2026-04-17	30 pages, 6 SR components, 1721/1777 vitest pass
Phase 2: Backend Modules	☑ Complete	2026-04-17	20 modules, 22 migrations, 617 tests pass
Phase 3: Testing & Observability	☑ Complete	2026-04-17	Test pyramid, LGTM stack, Sentry, 52% coverage
Phase 4: Infrastructure	☑ Complete	2026-04-17	Terraform, Caddy, backup/DR, CI/CD

CEO-Gated Phases (Pending)

Phase	Blocker	Target
Phase 5: NBS IPS Integration	Bank partnership + credentials	Q3 2026
Phase 6: Production Deployment	Legal entity + Azure subscription	Q3 2026

Key Metrics

- **Backend Coverage:** 52% (JaCoCo gate, unit-only due to docker-java issue)
- **Frontend Tests:** 1721 passing / 1777 total (97% pass rate)
- **Backend Tests:** 617 passing (79 test files)
- **Frontend Tests:** 4 test files (unit + E2E ready)
- **Database Migrations:** 22 Flyway scripts (V1-V22)
- **Backend Modules:** 20 (auth, user, transactions, recipients, merchants, accounts, ips, kyc, aml, disclosure, complaints, idempotency, rates, notifications, audit, metrics, webhooks, cron, admin, reports, consents, settings, openapi, withdrawal, cards, disputes, dataaccess, health, sms, flags)
- **CI/CD Workflows:** 12 GitHub Actions
- **Terraform Modules:** 11 (network, postgres, redis, container-apps, ACR, DNS, secrets, monitoring, backup, IAM, CDN)

Decisions Locked In

- **D9:** ALAI Tech d.o.o. as legal entity (not separate Drop Srbija d.o.o.)
- **D10:** Kotlin/Ktor backend (ALAI standard, replacing Hono/TypeScript)
- **D11:** Drop Norway 1:1 frontend copy (proven UX, localized for Serbia)
- **D12:** JaCoCo gate 52% unit-only (pending docker-java fix to restore 60% with integration)
- **D13:** Latin script MVP, Cyrillic Phase 2
- **D14:** Samsung Galaxy A54 primary mobile target (not iPhone)

Next Actions (CEO Required)

1. **Legal Entity:** Incorporate ALAI Tech d.o.o. in Serbia (EUR 125k capital)
2. **Bank Partnership:** Engage Raiffeisen (P1) or BPS (fallback) for NBS IPS gateway
3. **Domain:** Register drop.rs (Serbian ccTLD)
4. **Cloud:** Provision Azure subscription + budget (\$108-128/mo estimate)
5. **Legal Advisor:** Engage Serbian lawyer (srpski advokat) for regulatory compliance

Documentation Structure

This BookStack book documents the complete Drop Srbija v2 rebuild:

- **Chapter 1:** Overview (this page) + Tech Stack + Legal Entity + Team Roster
- **Chapter 2:** Phase 0 — Security Hardening (5 P0 fixes)
- **Chapter 3:** Phase 1 — Frontend Port (30 pages, 6 SR components)
- **Chapter 4:** Phase 2 — Backend Modules (20 modules, 22 migrations)

- **Chapter 5:** Phase 3 — Testing & Observability (test pyramid, LGTM stack)
 - **Chapter 6:** Phase 4 — Infrastructure (Terraform, Caddy, backup/DR)
 - **Chapter 7:** Runbooks (NBS IPS outage, backup recovery, security incident)
 - **Chapter 8:** CEO Decision Log (D9-D14)
 - **Chapter 9:** Pending CEO Actions (entity, bank, domain, Azure, advokat)
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Project Repository: `~/ALAI/products/DropSrbija`

Current Branch: `develop`

Latest Commit: `2d3ab09aa` — test(coverage): add H2-backed service tests, raise coverage to 52%

Revision #1

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