

Release Notes

Release Notes

“ **Project:** Bilko **Version:** 0.1 **Date:** 2026-02-23 **Author:** Ops Architect **Status:** Draft (Template — fill in per release) **Reviewers:** Tech Lead, Alem Bašić

Document History

Version	Date	Author	Changes
0.1	2026-02-23	Ops Architect	Initial draft

INSTRUCTIONS

Create release notes for every production deploy. Audience: internal team and, for major releases, Bilko users.

File: `RELEASE-NOTES-vX.X.X.md` in `docs/releases/` Versioning: Semantic versioning — `MAJOR.MINOR.PATCH`

- MAJOR: breaking API changes or database schema changes requiring migration downtime
- MINOR: new features, non-breaking
- PATCH: bug fixes, performance improvements, security patches

Release Notes — Bilko v1.0.0 (MVP Launch)

Release Date: TBD (backend MVP complete) **Environment:** Production **Deploy window:** TBD

Summary

This is the first production release of Bilko — cloud accounting for Balkan SMBs. It includes the core accounting engine (invoicing, expenses, VAT reporting) with multi-country support for Serbia, Bosnia & Herzegovina, and Croatia.

New Features

Core Accounting Engine

Invoice Management

- Create invoices via 6-step wizard
- Support for RSD, EUR, BAM currencies
- Multi-country VAT: Serbia (20%), BiH (17%), Croatia (25%), zero-rate exports
- NUMERIC(19,4) precision throughout — no float arithmetic
- Invoice statuses: Draft → Sent → Paid → Void
- Auto-generated invoice numbers (INV-XXXX format)
- PDF generation and download
- Email invoice to customer via SendGrid

Expense Tracking

- Create expenses with receipt photo upload (JPG/PNG → Cloudflare R2)
- Expense statuses: Pending → Approved → Paid / Rejected
- RBAC: Admin/Owner approval required for expenses
- Vendor management (contact book)

Financial Reports

- VAT Report (RS/BA/HR compliant) — monthly export
- Profit & Loss statement (by date range)
- Revenue and expense summaries

Chart of Accounts

- Standard Balkan chart of accounts pre-loaded
- Double-entry bookkeeping enforced (debit = credit, always)
- Exchange rate locking at transaction date

Authentication & Multi-Tenancy

- Organization-scoped data (strict multi-tenancy)
- RBAC: owner, admin, accountant, viewer roles
- JWT access tokens (15 min expiry) + refresh tokens (7 days)
- bcrypt password hashing (12 rounds)
- Audit trail: LoggedAction table (append-only, GDPR compliant)

Infrastructure

- Frontend: Next.js 15 on Vercel (bilko.io)
- Backend: Express API on Railway EU West (api.bilko.io, GDPR EU data residency)
- Database: PostgreSQL 15 on Railway (15 models, Prisma ORM)
- Storage: Cloudflare R2 (zero egress fees, GDPR compliant)
- Email: SendGrid (noreply@bilko.io)

Bug Fixes

N/A — initial release

Security Updates

N/A — initial release

Breaking Changes

N/A — initial release

Database Migrations

Migration	Description
0001_initial_schema	Create all 15 models: Organization, User, Account, Invoice, Expense, Contact, Transaction, etc.

Migration	Description
<code>0002_indexes</code>	Performance indexes on organizationId foreign keys

Migration time: < 10 seconds on empty database

Known Issues

Issue	Severity	Workaround	Fix in
Bank import not yet available	Medium	Manual transaction entry	v1.1.0
2FA not yet implemented	Medium	Strong password required	v1.1.0
PDF export not yet available	Low	Print from browser	v1.1.0

Configuration Changes

No new environment variables for existing deployments. For new deployments, see `docs/templates/INFRASTRUCTURE/environment-configuration.md`.

Rollback Instructions

See [rollback-plan.md](#) — initial release, no previous version to roll back to.

Dependencies Updated

Package	From	To	Breaking
Next.js	—	15.0.0	N/A
React	—	19.0.0	N/A
Prisma	—	Latest	N/A
Vitest	—	Latest	N/A
Playwright	—	Latest	N/A

Release Notes Template — v[MAJOR.MINOR.PATCH]

Release Date: YYYY-MM-DD **Environment:** Production

Summary

[2-3 sentences: what this release contains, why it matters]

New Features

[Feature Area]

- **[Feature name]:** [Description. How it helps Bilko users.]

Bug Fixes

#	Description	Severity	Reported by
[GitHub #XXX]	[Bug description — user-facing language]	P0/P1/P2	[User/Internal]

Security Updates

CVE / Issue	Severity	Component	Description
[CVE-XXXX-XXXX]	Critical / High / Medium	[Component]	[Description]

Breaking Changes

Change	Migration Required	How to Migrate
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[Breaking change description]	Yes / No	[Migration steps]
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Database Migrations

Migration file	Description	Time (staging)
XXXXXXXX_name	[What it does]	X seconds

Configuration Changes

Variable	Change	Required	Notes
NEW_ENV_VAR	Added	Yes	[Description]
OLD_ENV_VAR	Removed	N/A	Replaced by NEW_ENV_VAR

Rollback Instructions

[Specific rollback steps for this release, if different from standard procedure]

Approval

Role	Name	Date	Signature
Author			
Reviewer	Alem Bašić		

Revision #3

Created 2026-02-24 23:11:25 UTC by John

Updated 2026-05-31 20:04:16 UTC by John