

MC #106259 — Bilko Admin Portal Contract Fix

MC #106259 — fix for 4 contract defects found by Angie Jones' platform_admin UAT catalog (**MC #106258**). Backend DTOs, frontend types/guards, and one missing route were brought back in sync so the admin portal stops crashing and stops showing wrong data.

Defects fixed

#	Severity	Defect	Fix
1	H	<code>GET /admin/dashboard</code> returned 404 — no handler existed anywhere server-side despite being called on first admin page load and documented in the OpenAPI spec. Likely the first thing CEO saw fail on <code>/admin</code> .	Implemented in <code>AdminPortalRoutes.kt</code> (<code>get("/dashboard")</code> inside the existing <code>route("/admin")</code> block, same <code>requirePlatformAdmin()</code> gate as every other admin route). <code>AdminOrgService.getDashboardStats()</code> added with real DB aggregates: <code>totalOrgs</code> (COUNT non-deleted orgs), <code>activeTrials</code> (BASIC plan + trial not expired), <code>recentAudit</code> (audit_log LEFT JOIN users, DESC limit 10), <code>mrr</code> (explicit <code>0.0</code> , see limitation below).
2	H	<code>/admin/orgs/{id}</code> detail page crashed on every org . Backend <code>OrgDetail</code> DTO never set <code>mrr</code> , so Jackson omitted the key entirely; frontend called <code>Intl.NumberFormat().format(org.mrr) → TypeError: Cannot convert undefined to a number</code> , tripping the global Next.js error boundary. This is almost certainly the "admin stranice puca" CEO reported.	<code>OrgDetail</code> DTO gained <code>mrr: Double</code> (always explicit, never omitted), plus <code>vatMethod</code> / <code>trialStatus</code> . Frontend defense-in-depth: all three MRR render sites (<code>orgs/[id]/page.tsx</code> , <code>orgs/page.tsx</code> , admin dashboard <code>page.tsx</code>) now guard <code>== null</code> before formatting, not just the one crash site.

#	Severity	Defect	Fix
3	M	<code>OrgListItem</code> (the <code>/admin/orgs</code> list) was missing <code>vatMethod</code> , <code>trialStatus</code> , <code>userCount</code> , <code>mrr</code> even though the frontend TS interface declared them as required. Effect: VAT Method column always "-", Users column always blank, and every org — trial or paid — rendered with the green "paid" badge since <code>trialBadge(undefined)</code> silently fell through.	<code>OrgListItem</code> gained all four fields. <code>trialStatus</code> derived via new <code>resolveTrialStatus(planTier, trialEndsAt)</code> (read-model projection only — does not touch <code>TrialGatePlugin/TrialService</code> enforcement). <code>userCount</code> is one batched query per page (grouped/counted in one round-trip), not N+1 per row.
4	L	Pagination/total count silently broken. Backend has always returned nested <code>{data, meta: {total, page, perPage, totalPages}}</code> ; the frontend <code>AdminOrgsListResponse / AdminOrgUsersResponse</code> TS types declared a flat shape (<code>{data, total, ...}</code>). Result: header count never rendered, and pagination controls would silently never appear once org count exceeded the 50-per-page limit (untriggered today at 9 orgs, but a live landmine).	Frontend types changed to nest under <code>meta: AdminOrgsPaginationMeta</code> (chosen over flattening the backend, to avoid touching other <code>PaginatedResponse</code> consumers). Call sites in <code>orgs/page.tsx</code> updated to read <code>data.meta.total / data.meta.totalPages</code> .

Branch / commit

- Repo: `Bilko` (canonical remote `azdo`)
- Branch: `feat/106259-admin-contract-fix`, created off `azdo/main` at `cb3746d6`
- Commit: `5513d0e6339864b31c2d3507ca0219ede5b052ba` — pushed to `azdo`, verified on remote via `git ls-remote`
- 8 files changed: `AdminPortalRoutes.kt`, `AdminOrgService.kt`, `AdminPortalRoutesHttpIntegrationTest.kt` (new tests T16-T19b), `orgs/[id]/page.tsx`, `orgs/page.tsx`, admin dashboard `page.tsx`, `lib/api.ts`, and a new frontend test file `admin-contract-106259.test.tsx`

Test results

- **Backend:** `AdminPortalRoutesHttpIntegrationTest` — **23/23 passed** (9 new tests T16–T19b, one per fix + auth-gate coverage, plus 14 pre-existing T1–T15 unmodified, zero regressions). Sibling admin suites unmodified and green: `AdminPortalRoutesP2Test` 10/10, `AdminRoutesHttpIntegrationTest` 6/6.
- **Frontend:** new `admin-contract-106259.test.tsx` — **9/9 passed** (React Testing Library, real rendered component tree — MRR undefined/null guards, real-number formatting, `vatMethod/trialStatus/userCount` render, nested `meta.total/meta.totalPages` reads, pagination-controls visibility). Full production `next build` succeeds (65/65 routes), `tsc --noEmit` clean, pre-push `turbo run type-check` across all 12 workspace packages green.
- **Independent verification (Angie Jones / Proveo)** — read code directly in the isolated worktree at commit `5513d0e6` (did not trust the builder's self-report), re-ran backend integration tests and frontend Vitest herself, and diffed the commit against base to confirm scope boundaries. **Verdict: PASS** on all 4 items. Confirmed independently via her own grep that no aggregate MRR computation exists anywhere in the codebase, and via direct diff that zero auth files were touched.

Known limitation

`mrr` is returned as an explicit `0.0` everywhere (dashboard, org detail, org list) — **not fabricated, but not real**. There is no Stripe MRR aggregation anywhere in the Bilko codebase today: `stripeSubscriptionId` is stored per-org but only ever resolved for trial-gate checks and billing/webhook flows, never rolled up into an aggregate revenue figure. Wiring a real MRR source (either a live Stripe API call per org, or a synced `mrr_amount` column updated via webhook) is separate, larger follow-on work. Flagged in code comments on the 3 DTOs (`OrgDetail`, `OrgListItem`, dashboard stats) for whoever picks that up next.

Deliberately not touched

- `AdminAuthPlugin.kt`, `JwtService.kt`, `Authentication.kt`, and the `bilko-jwt` verifier — confirmed untouched by direct diff (`git diff cb3746d6 5513d0e6 --name-only`, zero overlap). Angie's original catalog established that the `/admin/orgs` 401 CEO/UAT saw was a stale/expired access-token test artefact, not a server-side auth defect — nothing in the auth stack needed fixing.
- `/admin/users` 405 — by design, only a `POST` handler exists; no frontend page calls `GET /admin/users`. Not a bug.
- "Report error" support-ticket button — confirmed working live during the original catalog investigation (real `POST /support/tickets` → 201).
- Flyway V146 warning — not reproducible; DB and deployed image agreed on schema version at investigation time.

Follow-on: deploy is separate

This ticket covers **code + test correctness only** (worktree/local verification). PR → CI → merge to `azdo/main` → stage/demo promotion is a separate follow-on step, not yet done as of this page. Do not treat this fix as live on stage/demo until that pipeline runs and is verified (curl/browser check on the actual environment, per ZAKON PI2).

Evidence

- Defect catalog (spec): `~/system/evidence/106258/admin-defect-catalog.md`
- Build evidence: `~/system/evidence/106259/build-evidence.md`
- Independent verify (PASS): `~/system/evidence/106259/angie-verify-2026-07-24.md`

Revision #2

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