Penetration test summary (fictional)

Tester: Redbarrow Labs **Testing window:** 2025-02-03 through 2025-02-12 **Report date:** 2025-03-01 **Target:** NovaBridge Relay web application and API, plus the NovaBridge mobile companion, as deployed in the February 2025 test environment **Method:** Authenticated and unauthenticated testing; no source-code review

This summary is fictional training material.

Overall

Redbarrow described the February 2025 Relay web application as "generally aligned with common SaaS control expectations for a mid-market support platform," with findings below. Retest of the web findings was not included in this packet.

Findings listed

NB-PT-01 (High): Insecure deep-link handling in the mobile companion

The NovaBridge **mobile companion** accepted an unvalidated deep link that could load ticket metadata in a webview. Redbarrow rated this High for mobile users.

Harborline's architecture note states Harborline is **not** deploying the mobile companion.

NB-PT-02 (Medium): Admin-console session timeout longer than NovaBridge policy

The admin console allowed idle sessions to remain valid for 12 hours. NovaBridge policy stated 1 hour. Redbarrow rated this Medium.

Vendor response in the report: Compensating controls in production: admin console reachable only over NovaBridge corporate VPN plus an IP allowlist; privileged sessions recorded; idle lock still tracked as a product fix. Redbarrow marked the finding "accepted with compensating controls" and did not retest.

NB-PT-03 (Low): Verbose errors in a staging host

A staging API host returned stack traces. Production hosts tested did not. Redbarrow rated this Low and noted it was outside production.

Scope statement (tester)

Testing covered Relay as of February 2025. NovaBrief was not enabled in the test tenant. NimbusCloud configuration was out of scope (infrastructure as a service).