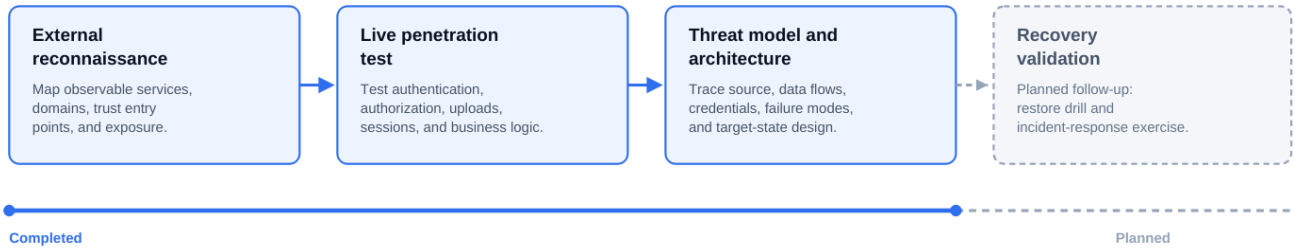
MULTI-PHASE PRODUCT SECURITY ENGAGEMENT

Confidential multi-tenant software platform

External reconnaissance, adversarial testing, source-informed threat modelling, security architecture, and implementation-ready remediation planning.

Multi-phase engagement



OBJECTIVE

- Determine whether the platform could responsibly host client data.
- Separate verified controls from assumptions and unknowns.
- Convert material risk into owned, testable engineering work.

WHAT HELD UP

- Core tenant isolation and object-level authorization.
- Mass-assignment resistance, sessions, rate limiting, and upload integrity.
- Several earlier high-impact conditions were confirmed fixed during retest.

WHAT HAD TO CHANGE

- Independent recovery and deployment provenance.
- Valid edge trust, narrow ingress, and least-privilege service identities.
- Targeted application, renderer, telemetry, and incident-readiness improvements.

OUTCOME

The engagement replaced a generic “is this secure?” question with a defensible production-readiness decision: which controls were verified, which risks genuinely had to block launch, who owned each change, and what evidence would be required for closure.

Deliverables

Recon and live testing	Threat model and architecture	Engineering handoff
Attack-surface map; authenticated coverage; findings; confirmed controls; mutation ledger; cleanup runbook.	Data flows; trust boundaries; STRIDE scenarios; attack trees; assume-breach analysis; target-state design.	Risk register; phased roadmap; exact acceptance tests; migration and rollback guidance; closure evidence.

“Haroun gave us the first complete and technically defensible picture of our platform’s security posture. He combined live testing, source review, threat modelling, and architecture analysis to separate assumptions from evidence, confirm which controls actually worked, and identify the few issues that genuinely had to block production. The result was not just a report, but a practical security roadmap our engineers could act on.”

Co-founder and Platform Owner | Confidential European Software Company