

WORKED EXAMPLE · SYNTHETIC DATA · DECISION BRIEF

Architecture & Harness Review

Tenant-scoped customer export. An administrator may export active customers from their own tenant, with exact CSV fields and bounded output.

DECISION

Accept the tenant-scoped local example.
Complete the integration and operational gates before release.

Planted failure → check rejects

Remove the tenant filter.

a-101 · tenant A · expected
b-201 · tenant B · unexpected

Boundary restored → check passes

Read only the authenticated tenant.

a-101 · tenant A · exact membership
HTTP 200 · 64 bytes · 24 local tests pass

01 / Finding and evidence

The exact-membership check rejects the deliberately unscoped control. Restoring the tenant filter passes. Authorization is checked before the read; validation failures and exceeded bounds refuse the whole download. Evidence: runnable source, 24 tests and the dated verification record.

02 / Prioritized next gates

Identity: integrate the live identity system and tenant model; repeat the negative access checks. **Capacity:** qualify database latency, memory and actual spreadsheet consumers. **Operations:** agree rollout, monitoring, recovery and acceptance criteria. Receiving owners: engineering and operations, named during handoff.

03 / Handoff and next decision

Transfer the contract, source, tests, observed output and open gates together. The receiving team runs the example and records the integration results. The release decision follows review of those results and the recovery plan.

Scope: an owned local demonstration with synthetic tenants and fixture authentication, not a client finding or an independent assurance report. The original evidence was recorded September 7 and rechecked September 9, 2026. The unchanged downloadable example was verified again October 4, 2026. Live identity integration, network behavior, load, recovery and comparative productivity remain unmeasured by this example.