

OWNED EXAMPLE · SYNTHETIC DATA · SAMPLE DELIVERABLE

Architecture & Hardening Review

Tenant-scoped customer export. A one-page example of how observations, acceptance limits and the next engineering decision travel together.

RECOMMENDATION

Accept the bounded local demonstration.
Do not treat it as production qualification.

24 local tests passed 6 existing-list tests 18 export tests

01 Identity and tenant boundaries

Observed: Fixture authentication, administrator role and export permission are checked before the customer read. Only active rows for the authenticated tenant are returned.

Next gate: Verify integration with the production identity system and tenant model. Owner: the receiving engineering team.

02 Output and failure contract

Observed: Exact CSV fields; 1,000 data rows and 1,048,576 encoded bytes maximum. Validation, database failure or exceeded bounds refuse the whole download.

Next gate: Qualify load, memory and actual spreadsheet consumers. Output bounds alone do not establish those properties.

03 Verification and review

Observed: 24 methods passed. An intentionally unscoped control failed the exact-membership check. Eight frozen files were unchanged in the original record.

Next gate: Obtain independent review where required. The same coding session specified, implemented and checked this sample; hashes detect change, not permissions.

04 Operational acceptance

Observed: In-process requests with synthetic data. No production deployment, load qualification or comparative productivity measurement.

Next gate: Agree rollout, monitoring, recovery, owners and release acceptance before deploying a production implementation.

Original record: September 7; local recheck: September 9, 2026. This is an owned demonstration, not a client finding, certification or independent assurance report.