

Golden-File Guardian

Your outbound files, byte for byte. Drift never ships.

IN PRODUCTION · SELF-HOSTED

Golden-File Guardian wraps any pipeline that produces files someone else depends on — carrier e-billing submissions, bank core extracts, regulator uploads — in byte-exact regression protection. Known-good reference outputs are hashed and locked; every code change and every scheduled run must reproduce them exactly, or the ship stops. The file your counterparty accepted last month is the file they get next month.

WHAT IT DOES

Byte-exact golden files

Reference outputs are captured from real accepted submissions and locked with SHA-256 hashes — not approximations, not spot checks. The whole file, exactly.

Gate before ship

Changes to an exporter or transform must reproduce every golden file before they deploy. A failing battery halts the release — no hand-waving past a diff.

Scheduled re-verification

The battery re-runs on a schedule, unattended. Silence means the pipeline still produces exactly what it did the day it was accepted; failure means an alert, not a rejection letter.

Real fixtures, not stubs

Goldens are built from files your counterparties actually accepted — the standard is 'what worked,' not 'what the spec says should work.'

Wraps any deterministic pipeline

E-billing exporters, core extract jobs, ACH batch producers — if it writes a file downstream systems consume, it can be guarded.

Evidence you can hand over

Every run records pass/fail with hashes and timestamps, and a failure shows you the exact diff that broke — audit-friendly by construction.

WHY GOLDEN-FILE GUARDIAN

Counterparties don't forgive drift

A carrier that rejects a malformed invoice, a regulator that bounces an upload — the cost of silent drift lands downstream, where it's most expensive to fix.

Protection from your own changes

Most file breakage is self-inflicted: a refactor, a dependency bump, a well-meant fix. The battery catches your future self before your counterparty does.

Cheap insurance

One golden battery costs an afternoon to stand up. One rejected submission cycle costs a week and a relationship.

WHO IT'S FOR

LAW FIRMS & E-BILLERS

Protect LEDES and carrier submission formats that took months of acceptance testing to get right.

BANKS & DATA TEAMS

Guard core extracts, ACH batches, and regulator files against silent format drift.

ANYONE SHIPPING FILES

If a downstream system consumes what you produce, the output deserves a guardian.

Lock in what already works.

Request a demo and watch a golden battery catch a one-byte drift before it ever leaves the building.

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