**ADD-03 — Provider SLA & Feed Integrity Monitor**

**Status:** New

**Intent**  
Continuously validate that your sanctions/classification providers meet freshness, uptime, and schema stability — catch staleness *before* it hurts you.

**Actors**  
Feed Monitor • Drift Detector • Ops Pilot • Audit Vault

**Preconditions**

* Provider catalog (endpoints, expected cadence, schemas).
* Trust-Stamped Snapshot process in place.

**Flow**

1. **Freshness SLOs:** per provider/dataset (e.g., OFAC daily by 06:00 UTC).
2. **Heartbeat & Diff:** poll/webhook; verify new releases; compute diffs vs last snapshot size & shape.
3. **Drift Alerts:** schema/volume anomalies → yellow (review) or red (quarantine).
4. **Auto-Quarantine:** hold activation when anomalies exceed threshold; keep last good snapshot active.
5. **Provider Dashboard:** uptime, freshness lag, drift history, incident notes.
6. **Contract Evidence:** monthly report with SLO attainment; share with provider/vendor mgmt.

**Edge Cases**

* False positives on volume spikes → adaptive thresholds; manual override with sign-off.
* Multi-provider fallback if primary fails.

**Done when**

* Freshness breaches alert within 10 min; activations blocked on red.
* Monthly SLA reports stored and shareable.

**Deliverables**  
SLA monitor config, anomaly rules, provider dashboard, monthly reports.