**ADD-05 — Client SDKs & Samples (PS-21 + Screening/Gate APIs)**

**Status:** New

**Intent**  
Make integration trivial: signed SDKs with webhook verifiers and runnable samples.

**Actors**  
SDK Team • Developer Relations • API Gateway

**Preconditions**

* OpenAPI v1 available; error catalog defined.

**Flow**

1. **SDKs:** Node/Python/Java (typed models, retries, idempotency, HMAC signing).
2. **Webhook Utils:** signature verify helpers; replay protection; typed event payloads.
3. **Samples:** quickstarts for create partner (CIR), bulk upload (row receipts), merge, gatecheck, decision webhook handling.
4. **CI Golden Tests:** run fixtures against sandbox on every commit.
5. **Versioning:** semver; changelog; deprecation notices.

**Edge Cases**

* Clock skew → signature window tolerance and docs.
* Proxy environments → configurable base URLs and timeouts.

**Done when**

* SDKs published; samples run end-to-end; CI green on golden fixtures.

**Deliverables**  
SDK packages, sample repos, docs pages.