**PRD-36 — Catalog Templates and Federation (Multi-Tenant Sharing)**

**Intent**

Publish vetted product/classification templates from a master tenant; SMEs adopt with local overrides while preserving provenance and audit proofs.

**Preconditions**

• Master tenant role; template registry; cross-tenant publish/subscribe with isolation.

**Steps**

• Template Create: from a product, mint a Catalog Template (subset of fields + PCVs + overlays + attachments allowed).

• Review & Sign: master reviewers approve; produce Template Receipt (hash + signer + time).

• Publish: expose to selected tenants or marketplace with versioning and change notes.

• Adopt: SME tenant imports template → becomes a Derived Product linked to the template; local fields unlocked per policy (e.g., price, supplier).

• Sync & Drift: when template updates, show Diff Card in adopters; allow Apply All / Selective / Ignore with reason and local Proof updates.

• Kill-Switch: master can revoke a defective template → adopters get Safety Notice and guided rollback.

• Analytics: track adoption, overridden fields, and issue rate to improve templates.

**Edge cases**

• Tenant customization breaks a governed rule → block apply; open exception with WHY.

• Mixed template sources → establish priority (latest or vendor-preferred).

**Done when**

• Templates publish with receipts; adopters can apply updates safely with full provenance; revocations propagate within SLA.