

Historical Architecture Reference

Current scope amendment applies first

This document preserves an earlier PRD/DFD design, including optional future workflows and legacy Brazil examples. It does not describe live capabilities, signed counterparties or the approved first pilot scope.

The v2.10.1 current scope and control amendment, dated 23 September 2026, supersedes conflicting scope, issuance, commercial timing and jurisdiction statements. English governs this update; the underlying translated reference has not been fully rewritten.

Planned structure: BVI project base. Cayman Islands GO token. UAE buyers and sellers first. Proposed round: SAFE (BVI), 20% discount + token warrant (Cayman Islands). Detailed legal structuring follows funding. No signed pilot or institutional contracts.

GlemO records and distributes third-party-issued RWA tokens; it does not issue those assets. The separate GO token structure is planned in the Cayman Islands. Historical Asset Factory wording describes external RWA offering records.

Initial pilot: B2B intake, external asset records, accountable-origin evidence, permissioned reporting, manual buyer-response tracking and invoicing. Retail allocation, settlement, public chain proof, multi-chain automation and modules remain gated later work.

All prototype counterparties, balances and transaction examples are simulated. Production security, required permissions, data rights and provider acceptance precede the relevant live activity.

Read [GlemO_Current_Scope_and_Control_Amendment_2026-09-23.pdf](#) in the root of the same canonical package before estimating or implementing these designs.

GlemO RWA Product DFD and Requirements

V4.7

Current data flows, product requirements and implementation boundaries for the GlemO RWA platform prototype. Updated 15 September 2026.

Purpose

This document declares the current data flow diagrams and product requirements for the GlemO RWA platform prototype. It replaces legacy DFD interpretations and aligns the documentation with the current V4.7 platform status.

Product Requirements

ID	Requirement	Scope	Primary Screens
R1	Public asset discovery	MVP1 core	market, assetFactSheet, distributionSaas
R2	Buyer account and eligibility	MVP1 core	retailPortal, investorGate, institutionalPortal
R3	Seller onboarding	MVP1 core	sellerOrgAdmin, bankOps, assetFactory
R4	Validator gate	MVP1 core	validatorDesk, documentReview, complianceCases
R5	Admin transaction clearance	MVP1 core	transactionClearance, adminDashboard
R6	Transaction declaration layer	MVP1 core	transactionLayer, ledger, reports
R7	Revenue operations	MVP1 core	billingRevenue, sellerPlans
R8	Distribution SaaS	MVP1 beta	distributionSaas, distributionPartner
R9	AI concierge governance	MVP1 beta	aiOps, conciergeDesk
R10	Rails and chain architecture	MVP1 beta	railPartner, riskEngine, ledger
R11	Asset technical sheet	MVP1 core	assetFactSheet
R12	Builder ecosystem	Phase two	ecosystemBuilder

Requirement Details

R1 Public asset discovery: Marketplace, official distribution channels, asset fact sheet and clear risk labels must be visible before account creation. Scope: MVP1 core. Screens: market, assetFactSheet, distributionSaas.

R2 Buyer account and eligibility: Retail and institutional buyers need private profile, wallets, KYC/KYB, suitability, jurisdiction and transaction history. Scope: MVP1 core. Screens: retailPortal, investorGate, institutionalPortal.

R3 Seller onboarding: Banks, originators and approved sellers need entity profile, KYB, signers, plan, asset factory and distribution controls. Scope: MVP1 core. Screens: sellerOrgAdmin, bankOps, assetFactory.

R4 Validator gate: Assets cannot go live without evidence review, validator status and admin publication control. Scope: MVP1 core. Screens: validatorDesk, documentReview, complianceCases.

R5 Admin transaction clearance: Sensitive transactions can enter standby; seller pre-check helps prepare evidence, but central admin controls platform release in MVP1. Scope: MVP1 core. Screens: transactionClearance, adminDashboard.

R6 Transaction declaration layer: The platform needs private actor ledgers and a public sanitized explorer for activity, proof hashes and chain route status. Scope: MVP1 core. Screens: transactionLayer, ledger, reports.

R7 Revenue operations: SaaS, setup, servicing, transaction fees, invoices, card/crypto payment and collection status must be visible to prove business model. Scope: MVP1 core. Screens: billingRevenue, sellerPlans.

R8 Distribution SaaS: Enterprise clients need channel map, conversion analytics, external transaction leakage, incentives and partner performance. Scope: MVP1 beta. Screens: distributionSaas, distributionPartner.

R9 AI concierge governance: AI requests must capture prompt chain, allowed data scope, human QA, delivery log and customer request history. Scope: MVP1 beta. Screens: aiOps, conciergeDesk.

R10 Rails and chain architecture: Ethereum plus Base should be documented as the initial EVM-aligned architecture, with partner rails for custody, payment and reconciliation. Scope: MVP1 beta. Screens: railPartner, riskEngine, ledger.

R11 Asset technical sheet: Each tokenized asset needs responsible entities, tokenization history, collateral, documents, performance and liquidity behavior. Scope: MVP1 core. Screens: assetFactSheet.

R12 Builder ecosystem: dApps, plugins and extensions should exist as a future expansion layer after marketplace and distribution rail proof. Scope: Phase two. Screens: ecosystemBuilder.

Data Flow Diagrams

DFD 00 - Requirements Traceability Map

How current product requirements connect to screens, data stores and operating controls.

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How current product requirements connect to screens, data stores and operating controls.

Requirement	Process	Data store	Platform surface
R1 Public discovery	P1 Marketplace and asset facts	D1 Offerings catalogue	Market, asset sheet
R2 Buyer eligibility	P2 Wallet, KYC and suitability	D2 Buyer profile	Retail, institutional
R3 Supply onboarding	P3 KYB and asset factory	D3 Originator file	Seller admin
R4 Publication control	P4 Validator and admin gate	D4 Evidence archive	Validator desk
R5 Transaction proof	P5 Clearance and ledger	D5 Transaction ledger	Explorer, reports
R6 Enterprise monetization	P6 SaaS, AI and billing	D6 Subscription records	SaaS, AI Ops

This traceability map turns the prototype into requirements that can be estimated, built, tested and governed.

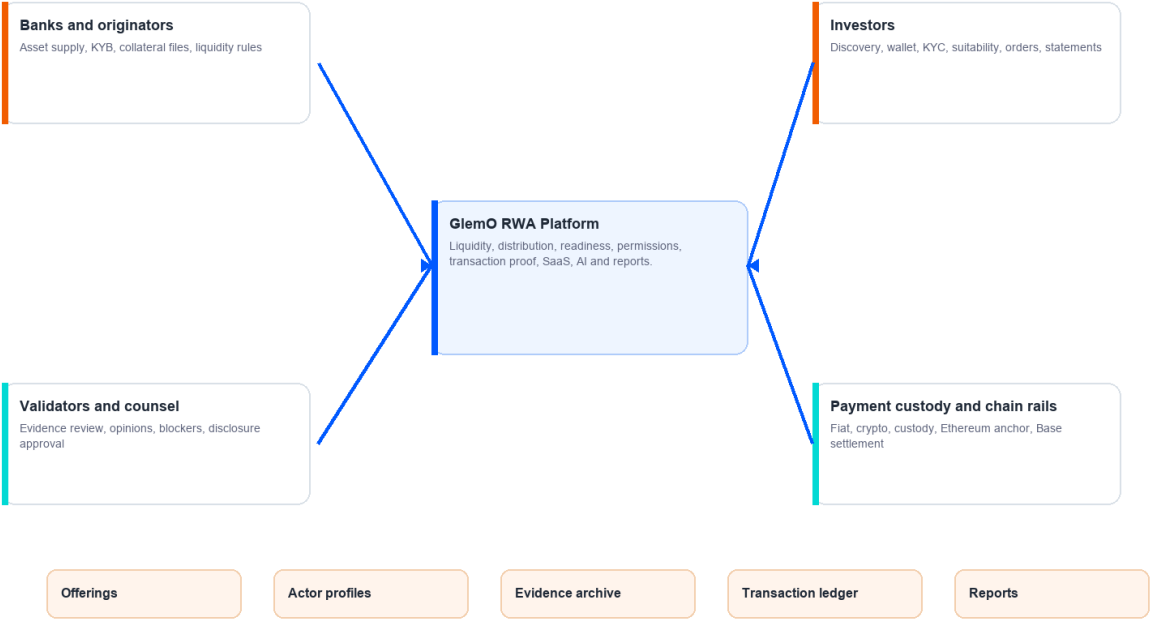
DFD 01 - Platform Context

GlemO as a neutral liquidity and distribution rail for tokenized real world assets.

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DFD 02 - Buyer Onboarding and Eligibility

Retail and institutional buyers move from public discovery to qualified allocation.

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DFD 03 - Originator and Asset Factory

Approved sellers create tokenized pools or standalone assets with evidence and rules.

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DFD 04 - Validator and Admin Control Gate

Publication and sensitive transactions remain controlled in MVP1.

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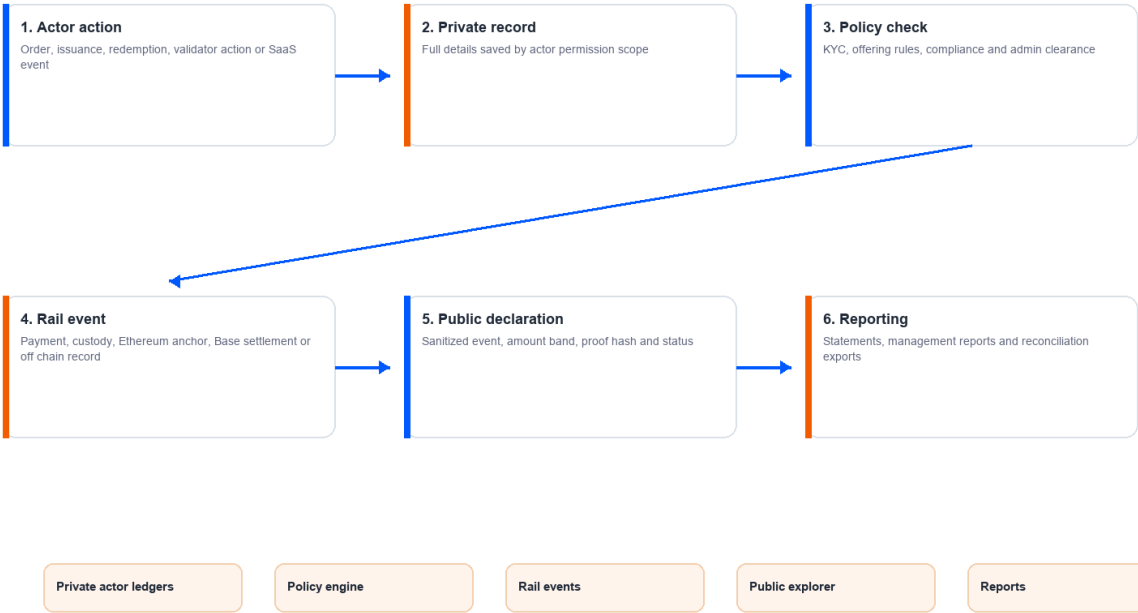
DFD 05 - Transaction Layer and Public Proof

Private ledgers hold full details while public explorer declares sanitized platform activity.

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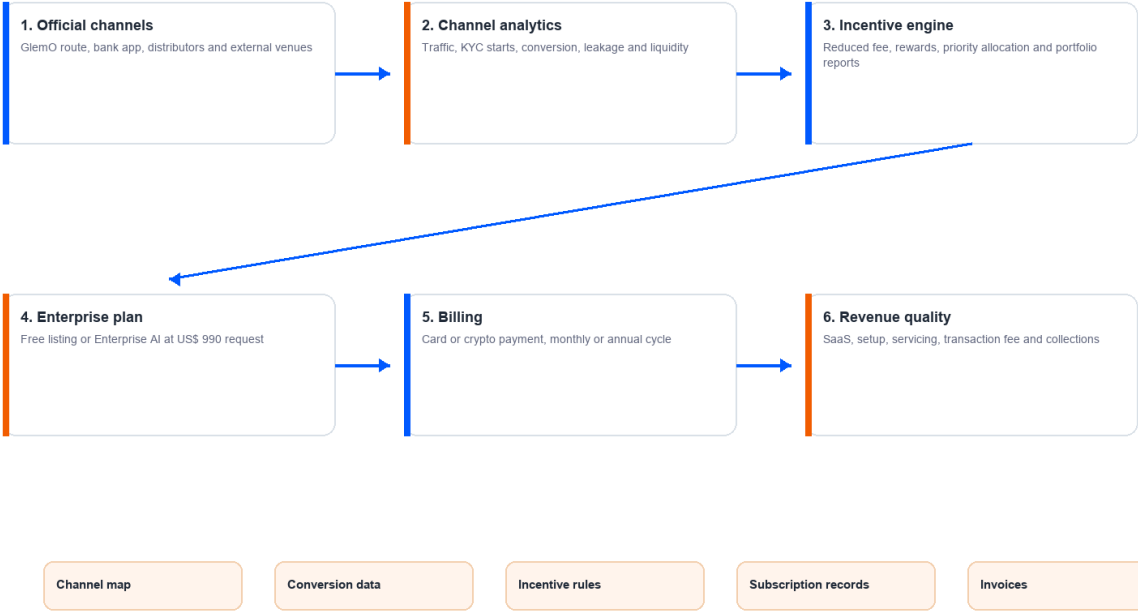
DFD 06 - Distribution SaaS and Revenue

Transparency for users becomes paid intelligence for banks and asset sponsors.

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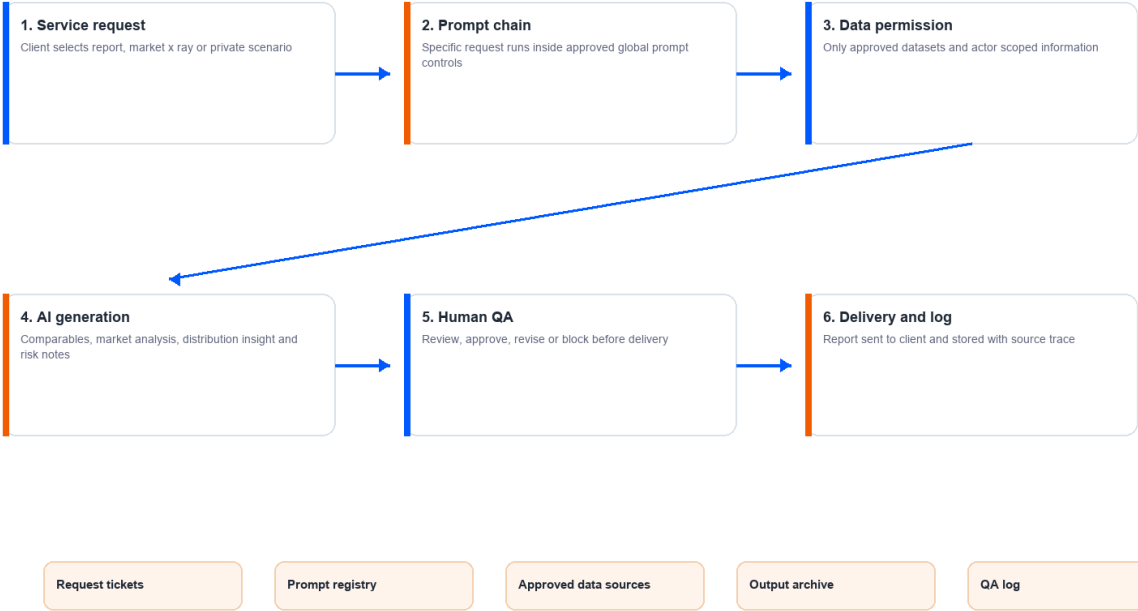
DFD 07 - AI Agents and Concierge

Enterprise requests become controlled prompts, reviewed reports and auditable outputs.

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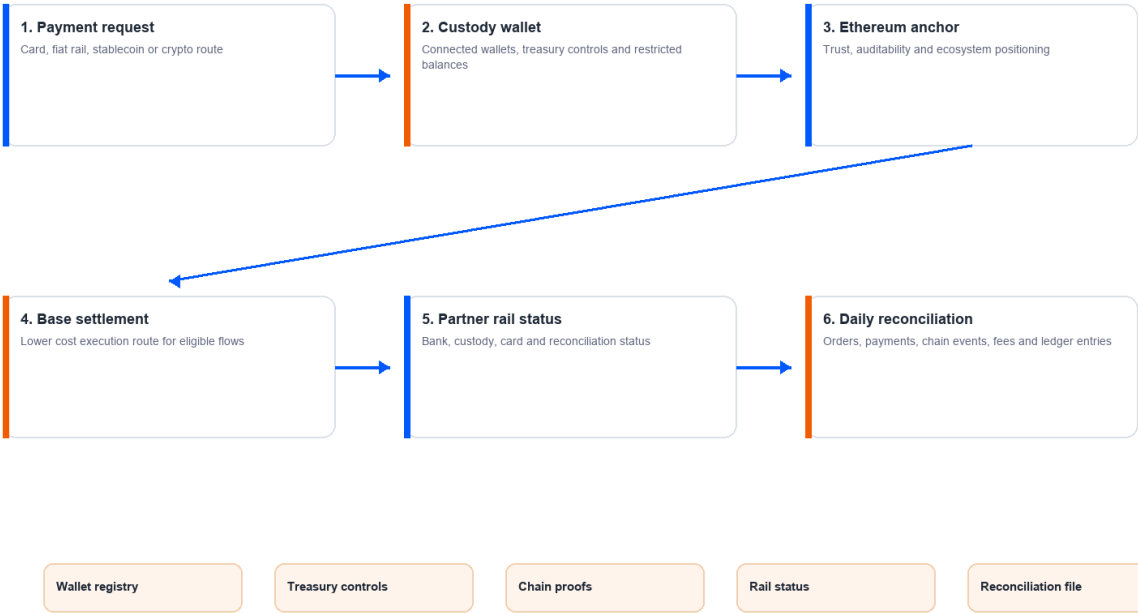
DFD 08 - Rails Settlement and Reconciliation

Ethereum and Base are the core EVM routes, while partner rails handle custody, payments and fallback.

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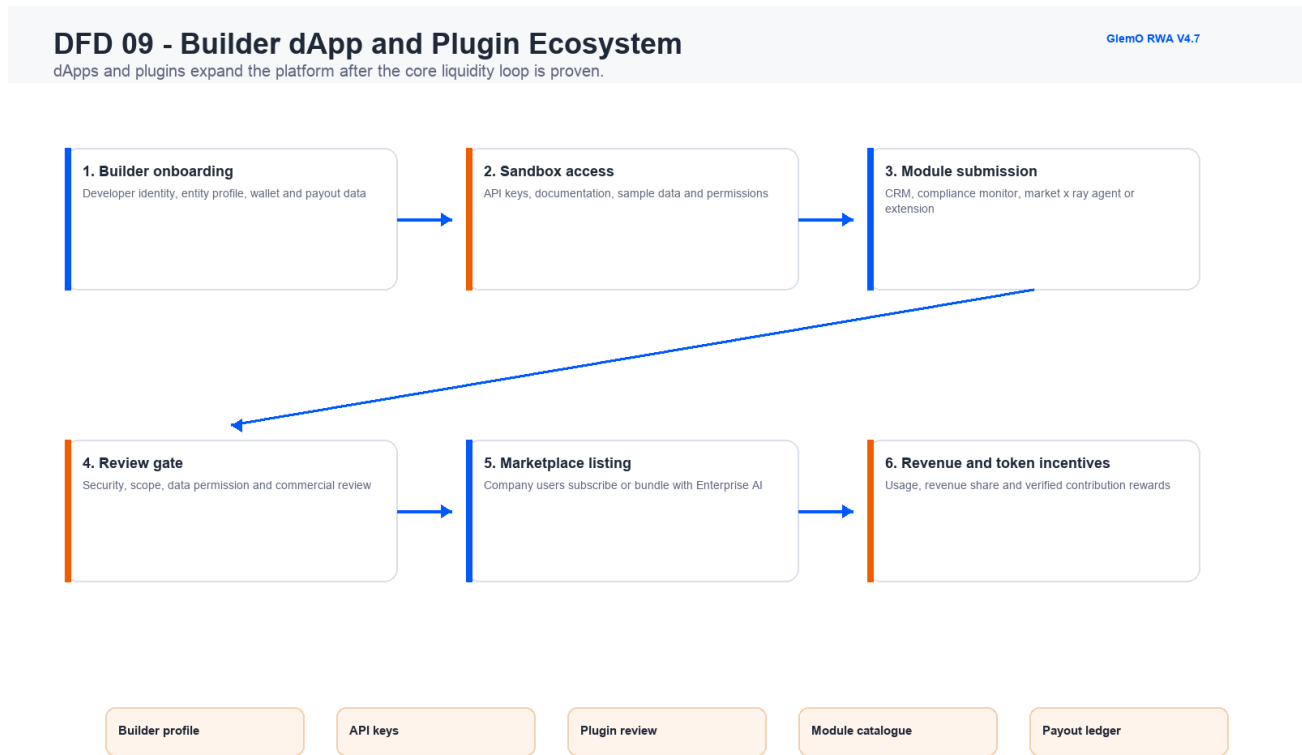
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DFD 09 - Builder dApp and Plugin Ecosystem

dApps and plugins expand the platform after the core liquidity loop is proven.



MVP1 Operating Interpretation

The current platform is intentionally broader than a simple token marketplace. The real product is the controlled operating system around the marketplace: buyer qualification, seller supply, evidence, validation, admin release, transaction declaration, reports, paid distribution intelligence and AI-driven enterprise service.

For MVP1, automation should be selective. Manual admin review, validator triage, concierge delivery and reconciliation are acceptable if the workflow has a clear owner, evidence trail, status and ledger event.