HYBRID ECOSYSTEM

Clear boundaries make integration possible.

Each application connects to the system that owns the requested capability.



Identity

Hybrid ID establishes who is requesting access.

Execution

Exchange validates and executes trade instructions.

Accounting and custody

Core/MPC own balances, reservations and transfer authority.

Durable evidence

Chain/Explorer record and verify the appropriate evidence.

REQUEST & AUTHORITY

Identity begins the decision.

The execution boundary checks more than successful sign-in.

Personal requests

Verify the subject, account grant, product eligibility and limits.

Business requests

Verify membership, scoped roles and independent approvals.

Delegated applications

Banking acts through explicit delegation to Exchange, not an inferred shared session.

CANONICAL ACCOUNTING

One spendable balance.

Reservations for orders and withdrawals must draw on the same authoritative funds.

Reserve

Core protects funds required by an admitted instruction.

Execute

Rust produces an ordered outcome; uncertainty retains protection.

Settle

Core applies fills, fees and valid releases exactly once.

Custody

MPC follows the authorized custody and transfer route.

DURABILITY

Recovery is part of the workflow.

Lost replies and repeated delivery must not change the economic result.

Rust core

The only matching-engine direction; Python matching is being retired.

Kafka

Command/event delivery, sequencing and recovery connect the private services.

Reconciliation

Resolve uncertain outcomes against retained authoritative state.

Chain proofs

A completed match alone does not prove settlement or chain publication.

RELEASE GATES

From private services to client acceptance.

Private synthetic checks are useful evidence, but they do not establish real customer readiness.

1 · Authority

Real identity mapping, account grants and Banking delegation.

2 · Funds

Canonical MPC unit-ledger reservations and balance checks.

3 · Runtime

Isolated Rust Testnet and durable Kafka delivery.

4 · Access

Authenticated gateway request/status and joined end-to-end acceptance.

INTEGRATION CONVERSATION

Start from the contract and the owner.

Connect to the appropriate system and retain the identifiers that let outcomes be reconciled.

Exchange

Execution requests, provider terms and resulting status.

Core / MPC

Canonical accounts, deployment identities, balances and reservations.

Chain / Explorer

Publication references and verifiable evidence.