



HISN System Overview

Version: v9.0.0

HISN is designed as a modular enterprise decision platform.

The system consumes financial events from external systems and produces deterministic regulatory decisions.

No external banking logic exists inside HISN.

External Systems

Examples

• FARES Digital Bank • Payment Networks • KYC Providers • Government APIs • SWIFT • Open Banking

These systems communicate only through adapters.

Core Layers

1. Adapter Layer

Responsible for:

• Mapping external objects • Validation • Transformation • Authentication

Output:

Canonical Context

2. Canonical Layer

Contains unified enterprise objects.

Customer

Account

Transaction



Case

Alert

Evidence

Decision

Policy

Risk

3. Decision Runtime

Responsible for orchestration.

Executes engines.

Controls execution order.

Collects evidence.

Produces Decision Package.

4. Engines

AML

Fraud

Sanctions

Behavior

Financial DNA

Decision DNA

Risk Navigator

Graph Intelligence

Advisor

5. Policy Engine



Combines evidence.

Evaluates policies.

Produces final decision.

6. Evidence Engine

Stores

Evidence

Reasoning

Traceability

Explainability

Versioning

7. API

REST

Future:

gRPC

Events

Streaming