# Modernise core banking and ledger infrastructure

A transformation stack for replacing or surrounding a legacy core with a modern ledger, payment hub, API layer, data migration and compliance integrations.

LAYER 1 / REQUIRED

## Core and ledger

Provide the system of record for accounts, balances and products.

- ☐ Ledger integrity
- ☐ Product configuration
- ☐ Deployment and resilience

Thought Machine — Cloud-native core
Temenos — Core banking suite
Finastra — Core and digital banking
10x Banking — Cloud-native core
Tuum — Modular core
Pismo — API-based core banking and ledger platform
Mbanq — Core banking software and operational tooling

LAYER 2 / REQUIRED

## Payment hub and scheme connectivity

Connect the core to payment schemes and processors.

- ☐ Required rails
- ☐ ISO 20022 support
- ☐ Exception and liquidity controls

Form3 — Payment processing
Fiserv — Payments and core technology
FIS — Payments and banking technology

LAYER 3 / OPTIONAL

## Card processing

Integrate issuing and card-account events where required.

- ☐ Processor scope
- ☐ Authorisation and clearing integration
- ☐ Migration and token continuity

Thredd — Issuer processing
Paymentology — Issuer processing
i2c — Card and banking processing
Dock — Card processing and local account/payment technology

Pomelo — API-based card issuing and processing
HPS — PowerCARD acquiring processing and merchant management

LAYER 4 / REQUIRED

## API and integration layer

Expose controlled services to channels and partners.

- ☐ API governance
- ☐ Event streaming
- ☐ Backward compatibility

Mambu — Cloud banking APIs
Finxact — Core APIs
Episode Six — Ledger and payment APIs

LAYER 5 / REQUIRED

## Data migration and reconciliation

Move account history and prove ledger continuity.

- ☐ Data quality
- ☐ Parallel run
- ☐ Financial reconciliation and rollback

Ocrolus — Document and data automation
Quantexa — Entity and data resolution

LAYER 6 / REQUIRED

## Compliance integration

Connect onboarding, screening and monitoring to the new core.

- ☐ Customer and transaction identifiers
- ☐ Real-time event delivery
- ☐ Audit evidence

Fenergo — Client lifecycle management
ComplyAdvantage — Screening and monitoring
Hawk AI — Transaction monitoring

## Questions to ask providers

- ☐ Which legal entity contracts for each service and in which jurisdictions?
- ☐ Which responsibilities remain with the product operator rather than the provider?
- ☐ What are the implementation, approval, testing and migration timelines?
- ☐ How are incidents, exits, data portability and business continuity handled?
- ☐ What is the rollback and customer-remediation plan if migrated balances differ?