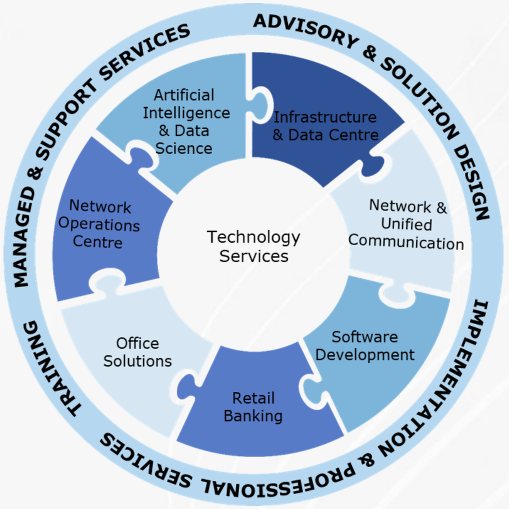
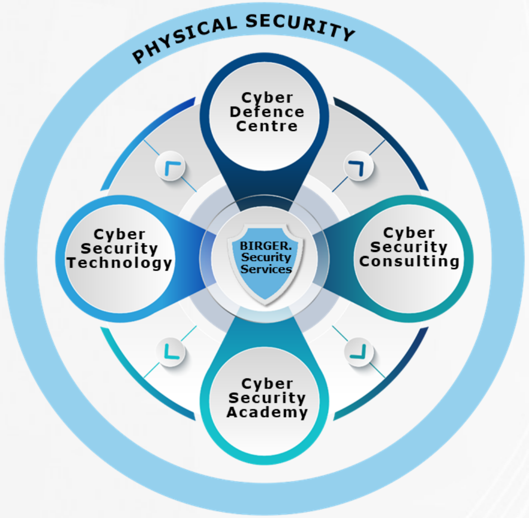
Financial Regulation & Supervision

innovations
An Avanza Group Company | BIRGER.

BIRGER. Overview

- **+150** Certified, competent and experienced workforce.
- **+73** Years of maturity and experience.
- **9** Established and operational Pan African footprint.
- **3** Core Services:
  TECHNOLOGY – SECURITY – RESILIENCY.
- **1** Name.





Innovation Hub

Helping Governments & Regulators Embrace 4IR

Smart City Enablement

Digitalization & E-Governance

Financial Regulation & Supervision

Financial Crime prevention

Trade & Supply Chain

Bilateral Trade Networks

P2P Automation

Web 3.0

Asset Tokenization

Real Estate Fractionalization

Enterprise Metaverse

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References & Footprint

Digital Government Transformation

- Tenancy Contract Renewal
- Vehicle Chain
- Lost Passport Certificate
- EV Charging Landscape
- Smart Homes System
- Evidence Custody
- Charity and Endowment Regulatory Platform
- Reconciliation & Settlement of Gov. Funds
- Knowledge Chain
- National Medical Emergency Nerve Center
- EV - Token

Trade & Logistics

- National Trade Platform
- E-Commerce Logistics Chain
- National Procurement Platform
- Agri-Chain

Oil & Gas Sector

- Invoice Verification
- Material Traceability
- Sustainability Platform
- Shipping Nomination
- Oil Custody Chain

Aviation Sector

- Aviation Procurement Platform
- Aircraft Engine Maintenance Provenance
- Inter-Airline Settlements
- CAA Landing Charges Reconciliation

Financial Regulation & Supervision

- National EKYC
- National Trade Finance Platform
- Bank Trust Network (Artefact Exchange)
- Reconciliation & Settlement
- Real World Asset Tokenization

Digital Public Infrastructure

- National Digital ID
- Verifiable Credentials
- National Data Exchange
- Policy as Code

Financial Regulation – Industry Gaps

Lack of Standardization

Absence of Industry Collaboration

Absence of Collective Wisdom

Manual Enforcement of Mandates	Absence of Proactive compliance
Blind Spots	Collusion
Industry Suffers	Regulator Remains Clueless

We address this gap by connecting industry peers through decentralized and self-regulated networks to address gaps in regulation enforcement, compliance and fraud prevention

ASSURE | InstaChain | NexTrade | CONSONANCE

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EKYC Platform at National Scale

first building block of the National Financial Trust Platform

Our Vision

To establish trusted **Data Exchange Hub**, leveraging a secure, blockchain-powered platform as the cornerstone for unified identity verification, cross-sector collaboration, and future-ready digital services across **Financial Industry Landscape**

From Manual Fragmented Data to Digital Data Exchange

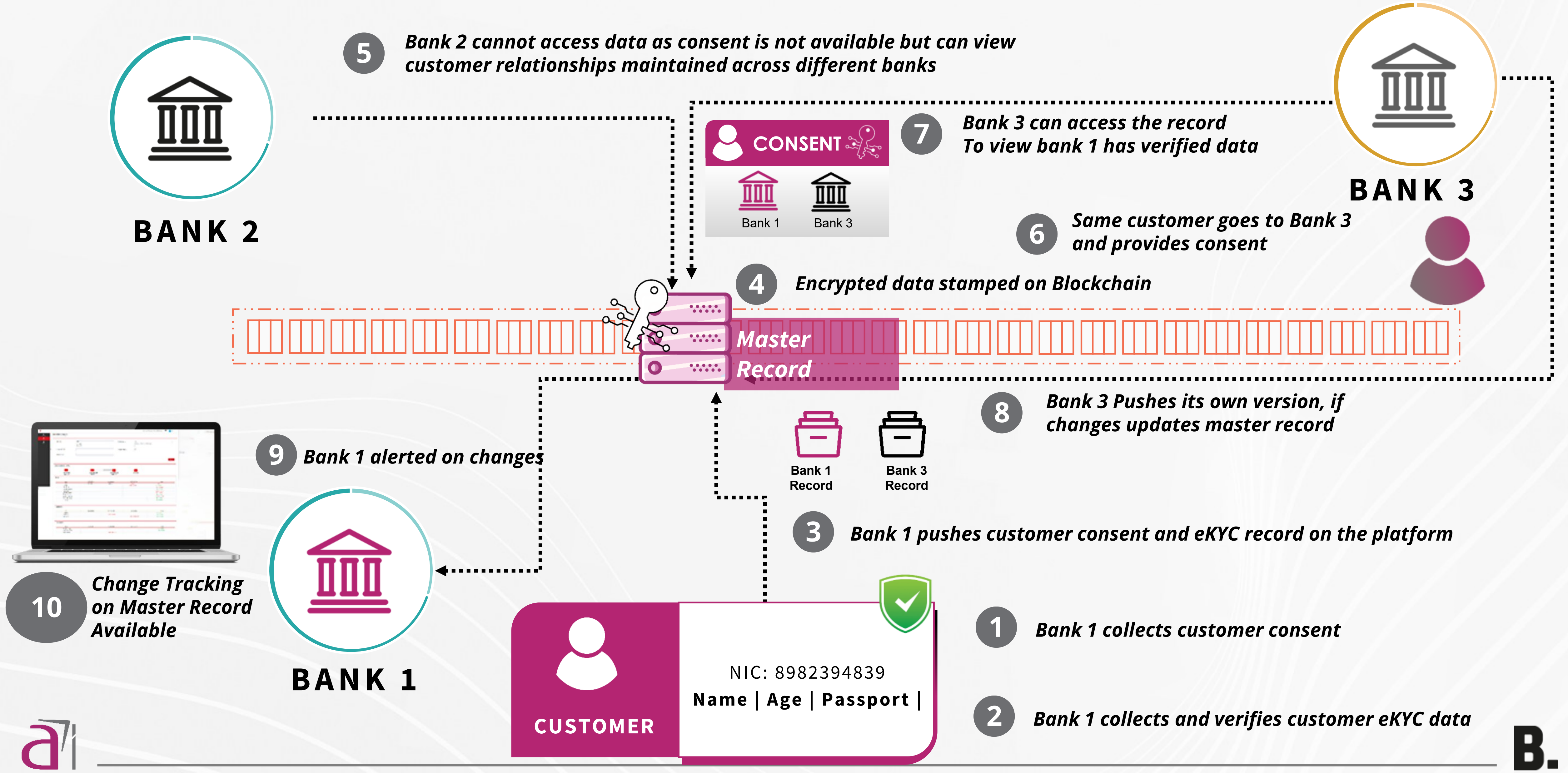
Driving seamless collaboration between **Financial Institutions** (FIs) and **Regulators** to enhance **operational efficiency**, **security**, and **regulatory compliance**.

Revolutionizing financial services through secure, **automated frameworks** that enables **real-time customer data exchange** and **regulatory oversight**.

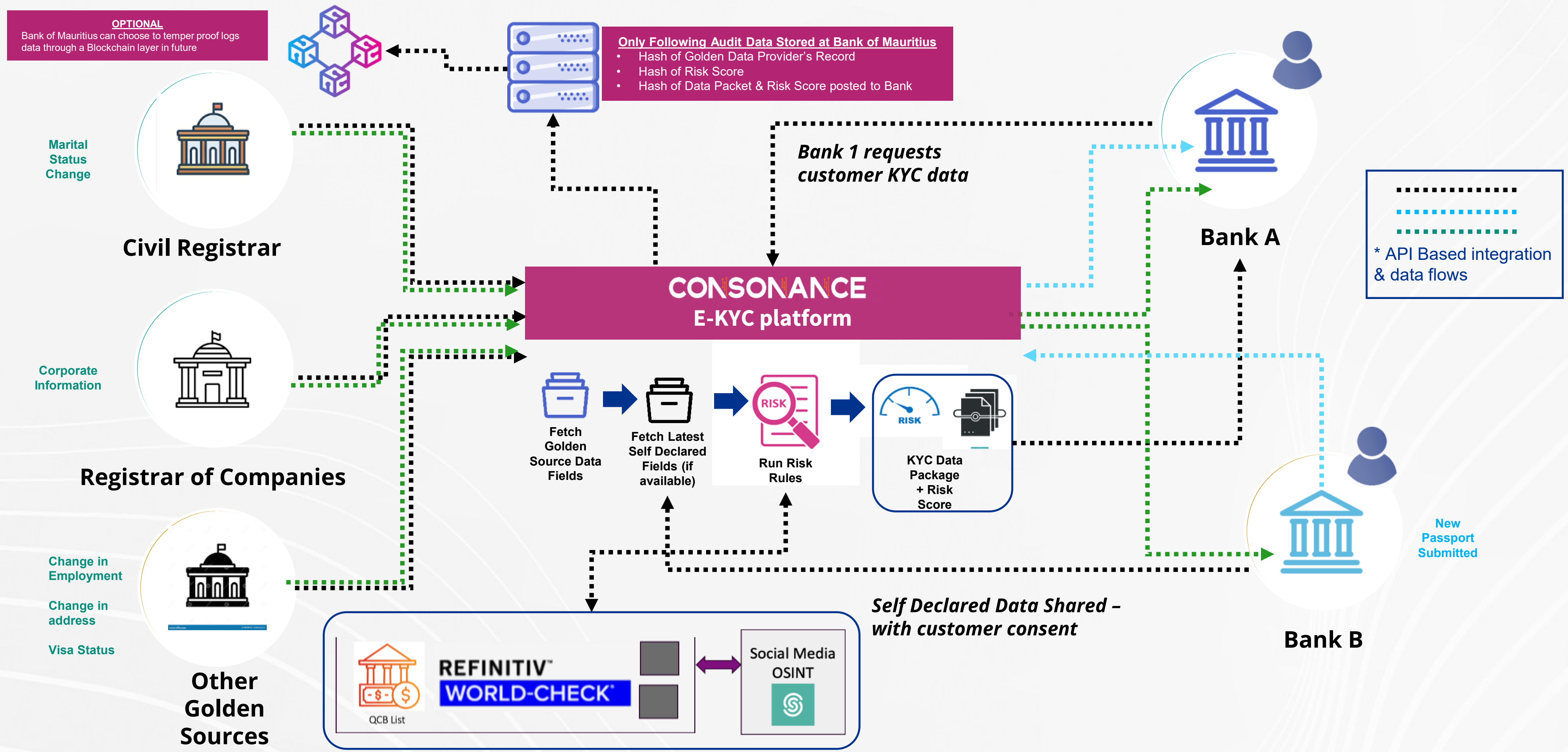
Optimizing Digital customer onboarding and **risk assessment** with enhanced **data integrity**, **advanced monitoring tools**, and **AI-driven screening** mechanisms.

Establishing a **robust governance framework** that ensures **consent-based Data sharing**, **standardized policies**, and **regulatory alignment** across the sector.

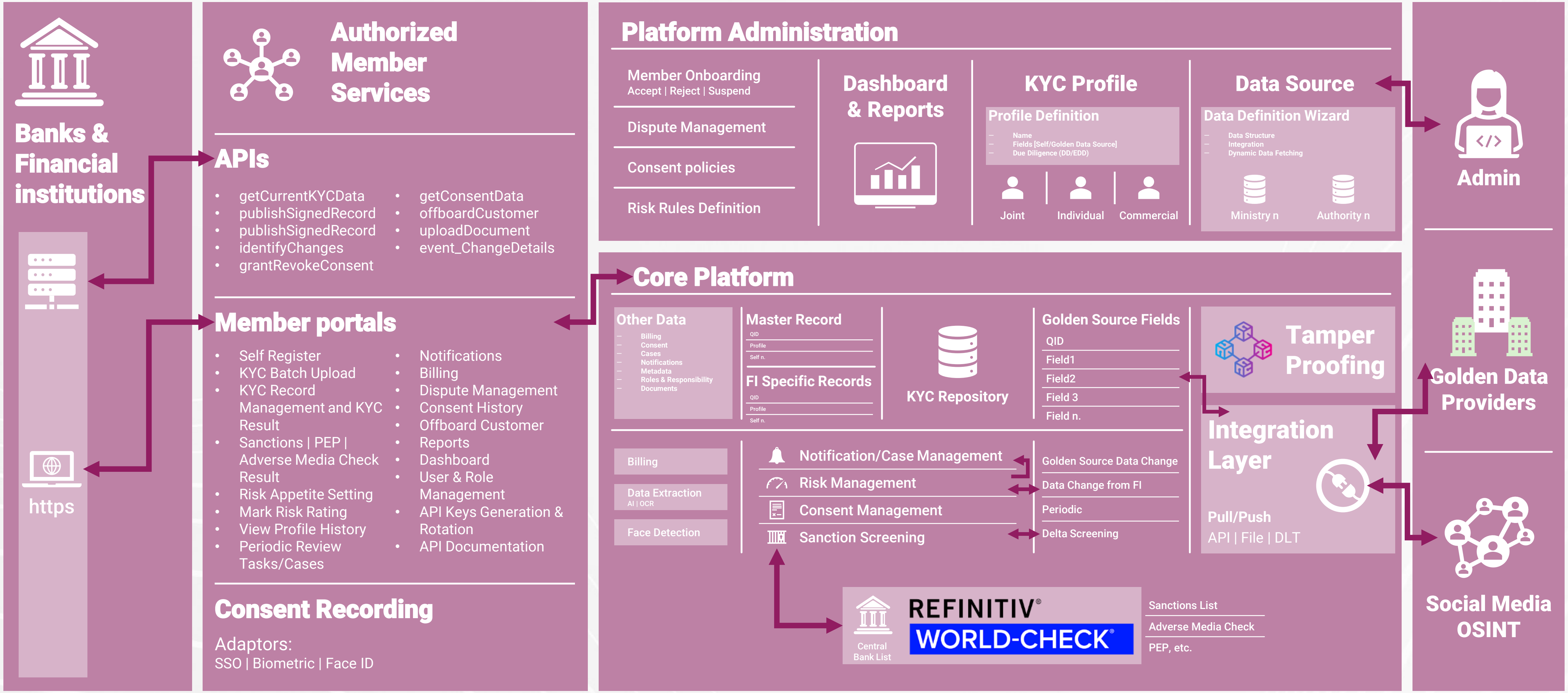
Consonance – Decentralized Model



Consonance – Centralized Model (with Government Data Source)



Consonance – All in One National EKYC Platform



Supporting Centralized, De-Centralized & Hybrid EKYC Models

Consonance – Key Platform Features

Seamless Onboarding of Participating Entities

Blockchain Powered Data Security and Protection

Built in Customer**Consent Management Engine**Users & Banks

Seamless **Integration With Government Data** Sources

Proactive KYC **Anomaly Alerts**

Reduction In Customer **On-Boarding Costs**

GDPR Compliant

Standardization & Compliance of **Global & National eKYC Policies & Guidelines**

Consonance – Data Universe

Processes & Enablers

Consent | Get & Post KYC | KYC Refresh | Sanction Screening | Risk Management | Customer Off-boarding | Facial Biometric | Existing Biometric Integration | Data Cleansing & Migration

Potential use cases will come from the combination of

Institutions	Banks	FinTech Companies	Insurance Companies	Investment Companies	Exchange Houses	Payment Service Providers	Finance Companies
Customer Profiles	Individual Profiles	Corporate Profiles	NPO & NGO Profiles	Government & Public Sector Entities/Profiles	Special Category Profiles – Ex Trust		
Products categories	For Accounts/ Customer Onboarding	For Credit Products	For MTO and Money Exchange	For Wallets	For Insurance Products	For trading and investment	

Output will be defined by data fields and corresponding data source providers

Data Fields	Related to KYC Information and EDD	Related to Sanctions Screening	Related to Risk Profiling			
Data Sources	MOI	SEC	Tax	Immigration	Telco	Refinitiv, World Check, Accuity

National EKYC – Trust Network Roadmap

Banking EKYC Platform → Roll out to other FIs → Roll out to Non-FIs → Evolve and Expand to National EKYC Hub → Servicing all sectors and industries

1. Banking– EKYC Repository

a. FIs Share EKYC Data to flag discrepancies

b. Golden Data Sources Contribute when ready

2. Expand Platform to other FIs

a. Roll out to Exchanges, Insurance, Brokers etc

b. Roll out to Telcos, Mobile Wallets

3. Roll out to Non-FIs & Gov.

a. Share EKYC Data with Tax Authority, Customs

b. Share KYC Data with National ID Authority

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National EKYC Platform

Platform Outcome

- National Repository of EKYC data for individuals (KYC) and businesses (KYB).
- Single Source of KYC and KYB for FIs, Government and Private Entities.
- Discrepancy of data pro-actively flagged and data update/correction measures initiated.
- Golden Data Sources on-boarded as and when they are ready for selected data fields.
- Citizen, Resident, Business registrations across government and private sectors rely on the platform for on-boarding.
- Platform is offered as a service to subscribers (FIs, Telcos, Insurance, Government Entities, Judicial Services, Private Enterprises etc)

Economic & Regulatory Benefits

Regulatory Benefits

- AML/CFT strengthening
- Fraud reduction
- Unified KYC framework
- Improved data quality
- Digital supervision for CBTT
- Support for tiered KYC & inclusion

Economic Benefits

- Lower cost of onboarding
- SME credit enablement
- FDI attraction
- Reduction of fraud → stronger credit markets
- Digital trade facilitation

Financial Sector Impact

- Standardization
- Operational efficiency
- Reduced guarantee & trade fraud
- Improved CX → higher conversions
- Trust between banks, fintechs & regulators
- Alignment with global benchmarks

National Digital Transformation Impact

- Supports national digital strategy
- Compliments core DPI stack
- Enables e-government services
- Improves ease of doing business
- Regional export potential
  Foundation for CBDC, digital tax, etc.

References

Central Bank of Bahrain

BENEFIT

In Production since 2021

45+ Institutions On-boarded

600K+ Customers' KYC Processed

Hybrid EKYC Model
(Centralized Storage + Self Declared Data)

State Bank of Pakistan

Pakistan Banks' Association

First wave of 8 banks went live in March 2025
Second Wave of 15 banks – planned go live in June 2026

30+ Institutions part of the consortium

Approximately 70 million Customers' KYC to be processed through the platform

Complete Decentralized EKYC Model

Qatar Central Bank

Under Implementation

Project Kick Off in August 2025

First Phase Go-live planned in August 2026
20+ Banks and FIs to join the platform

Governing Body: Qatar Central Bank – SPV

Centralized EKYC Model

National EKYC Initiatives - Across the Globe

Sweden - 2003

BankID: Bank-led national digital identity widely used for banking eKYC, payments, and government services

Norway - 2004

BankID: Bank-led but nationally pervasive digital identification system used by banks, the public sector, and private businesses; functionally a national eID/eKYC rail.

Denmark - 2021

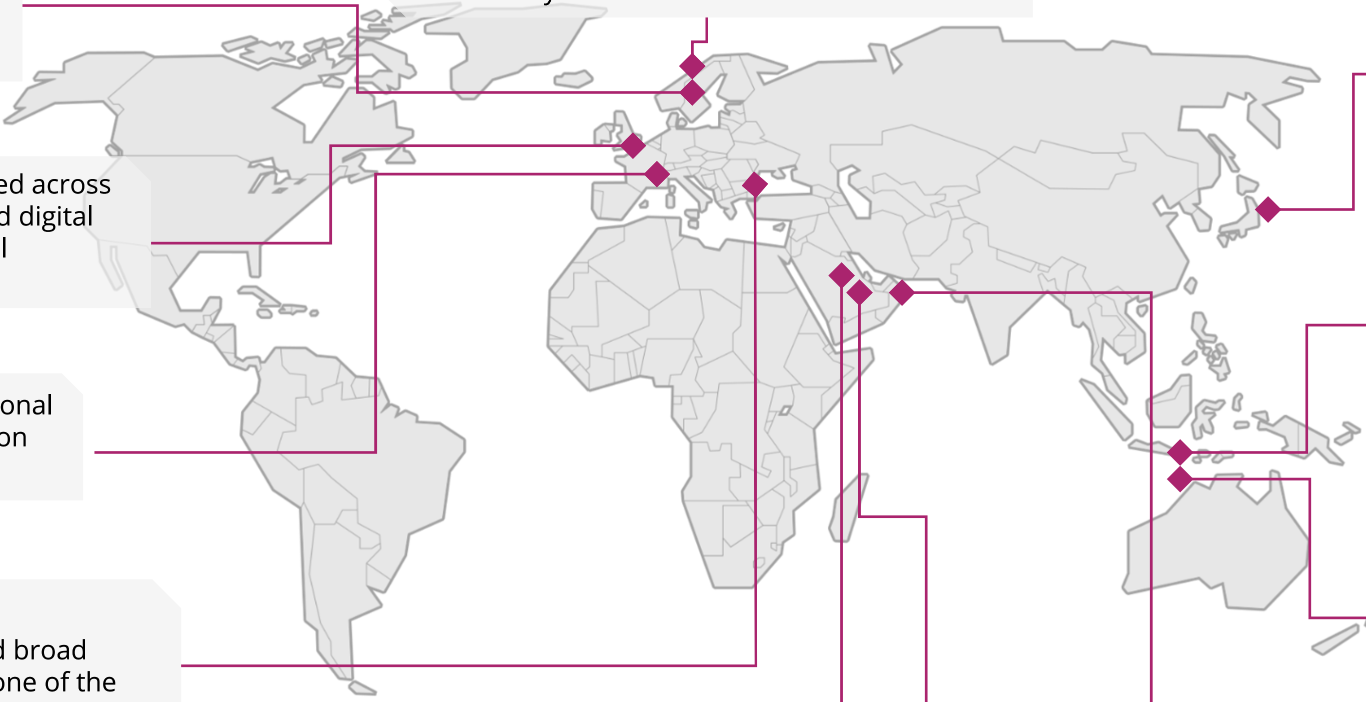
MitID: Denmark's official digital ID used across online banking, public self-service, and digital communications; effectively a national authentication rail.

Germany - 2010

eID: Digital identity embedded in national ID cards enabling secure authentication and eKYC for government services.

Estonia - 2010

eID: National digital identity used for authentication, digital signatures, and broad online public/private service access; one of the earliest true national digital identity ecosystems.



Japan - 2016

MyNumberCard: National Trade Finance Protection platform to protect FIs against Trade Finance frauds

Malaysia – 2024

MyDigitalID: Malaysia's national digital identity single sign-on layer for government services, with growing integration into transport, telecom, and immigration-related services.

Singapore – 2003 + 2016

SingPass + MyInfo: Singpass is the national digital identity; MyInfo lets users pre-fill and share government-verified data for digital transactions, making it one of the clearest national eKYC models for financial services.

Bahrain - 2020

Wathiq: National EKYC Platform – Wathiq – across all Central Bank licensed entities

Qatar- 2025

Initiated National EKYC Platform across all Central Bank licensed entities

United Arab Emirates (UAE) - 2021

UAEPass: National digital identity and signature platform for citizens, residents, and visitors, used to access thousands of services and increasingly relevant to remote onboarding and digital contracting.

EKYC Platform

AI-enabled Financial Intelligence

From EKYC Data to Intelligence

AI-Driven Intelligence Engine for National Authorities

- Detect hidden relationships across accounts
- Identify mule networks and synthetic identities
- Cross-bank suspicious activity correlation

Financial Crime Detection

Anomaly & Pattern Detection

- Unusual transaction behavior
- Sudden changes in customer risk profiles
- Cross-institution inconsistencies

Regulators
Central Bank, SEC

Authorities
Revenue, Tax, Land, Immigration

From monitoring transactions to predicting financial crime

EKYC + AI Intelligence

AI-Enabled eKYC Platform as a Financial Strategic Asset

Financial Institutions
Banks, Telcos, Insurance, Capital Markets, Micro Finance, Exchanges

Entities
Education, Employers

- Map financial relationships between individuals & entities
- Identify high-risk clusters
- Detect coordinated fraud rings

Network Intelligence

Early Warning Systems

- Pre-emptive alerts to Central Bank & FIC
- Real-time triggers on suspicious activity
- Automated escalation workflows

AI for Growth, Not Just Compliance

AI-Driven Insights to Accelerate Financial & FinTech Growth

Credit Expansion Intelligence

- Identify underserved but creditworthy segments
- Enable SME lending using enriched KYC profiles
- Reduce reliance on collateral

Financial Inclusion

- Detect financially active but unbanked populations
- Enable tiered KYC strategies
- Expand access to digital financial services

Fintech Eco-system Growth

- Provide anonymized insights to innovators
- Enable new product development
- Reduce onboarding friction

Macro-Economic Insights

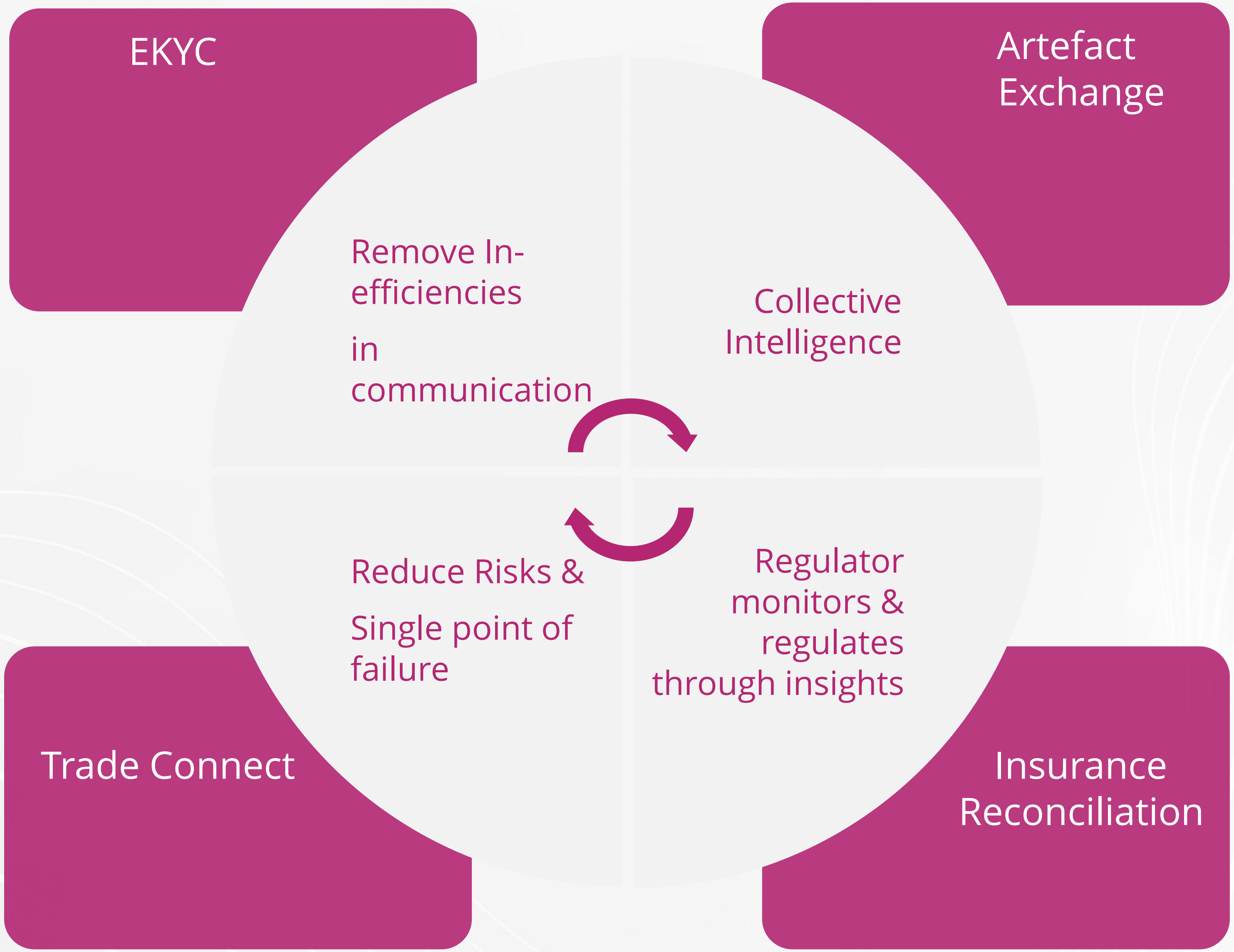
- Sector-level financial activity trends
- Trade flow intelligence
- SME ecosystem health indicators

This is not just a compliance platform—it is an economic intelligence engine.

Financial Regulation & Supervision

Multi-Year Strategic Vision

Finacial Industry collaboration



Vision & Strategic Goal

- Establish **first National shared eKYC utility**
- Reduce onboarding costs, fraud, and duplication for banks & FIs
- Enable **phased roll-out** beyond identity into trade & guarantees
- Operate as regulated, government-aligned **digital services platform**
- Support financial inclusion and digital finance growth

Phase 1: **National EKYC Utility**

Phase 2: **Digital Bank Guarantees**

Phase 3: **Trade Finance Platform**

National EKYC Platform

Next Steps

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Key Success Factors & Next Steps

Key Success Factor	Next Step
Critical mass of FIs to join the platform – at least **5 banks** for pilot launch	**Demos** and **engagement** with pilot banks
Regulatory guidance & endorsement	Introduce the platform to the **Bank of Mauritius** (BOM) & other regulators
Formalization of Engagement	**Contract** finalization with the pilot banks
Golden Data Sources onboarding	Engagement with **Golden Data Sources** to gauge their readiness to join the platform

Thank You

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