

# NIBSS Core Banking Application (NCube)



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# Our Understanding of your Needs

Microfinance Banks are critical drivers of financial inclusion, providing essential services such as deposits, withdrawals, funds transfers, credit, investments, card products, and collections to underserved communities. These institutions require solutions that streamline operations, reduce costs, and enhance their ability to deliver innovative financial products tailored to their customers' diverse needs.

## Challenges

### High Operational Costs

MFBs often face elevated expenses due to manual processes and the need to maintain physical branches in remote areas.

### Limited Access to Technology

Many MFBs lack advanced digital platforms, hindering their ability to efficiently serve clients and scale operations.

### Regulatory Compliance

Navigating complex regulatory environments requires significant resources and expertise.

### Credit Risk Management

Assessing and managing the creditworthiness of clients with limited financial histories remains a persistent challenge.

## Opportunities:



### Digital Transformation

Adopting digital solutions can streamline operations, reduce costs, and enhance customer reach



### Product Diversification:

Expanding service offerings to include digital payments, micro-insurance, and tailored credit products can meet the evolving needs of clients.



### Strategic Partnerships

Collaborating with Strategic Partners, NCube can extend various services to a MFBs onboarded on the platform.

# Introducing NCube



NCube is a robust and scalable Core Banking solution designed to empower Microfinance Banks (MFBs) by addressing their operational needs and enhancing service delivery. It supports a comprehensive suite of financial services, including deposits, withdrawals, funds transfers, credit, investments, card products, and collections.

Easy Configuration of GLs and Chart of Accounts



Streamlines financial management with an intuitive interface for configuring General Ledgers and Charts of Accounts, tailored to your unique requirements.

Access to Digital Channels



Expands your customer reach with integrated USSD, Mobile Banking, and Internet Banking channels, ensuring seamless and convenient banking experiences

Comprehensive Module Access



Benefit from a wide range of modules, including Loan Management, Treasury Management, Direct Debit, and Bills Payment, enabling you to deliver diverse financial products.

Automated Regulatory Reporting



Simplify compliance with built-in tools for generating timely and accurate regulatory reports, reducing the burden on staff and ensuring adherence to industry standards

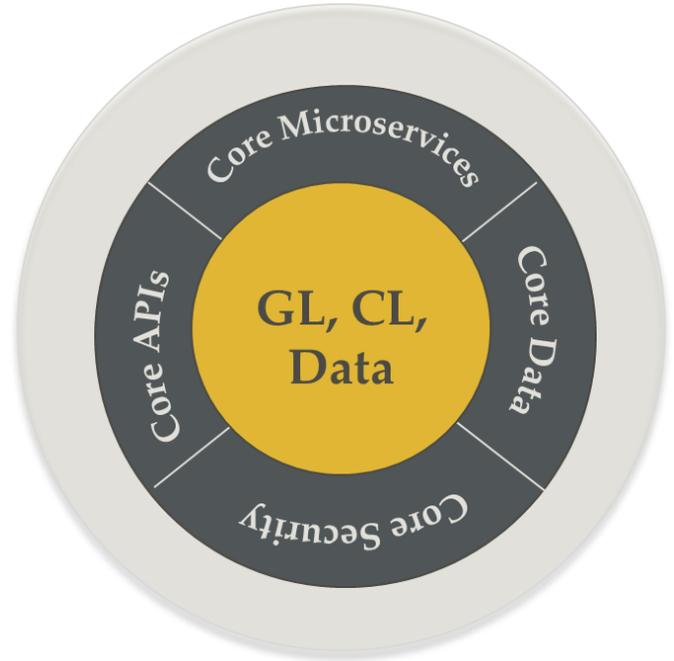
Enhanced Services:



Provide innovative financial services such as tailored credit offerings, investment products, and card-based solutions, all managed from a unified platform.

# NCube – Core Modules

Our Core comprises of a General Ledger, a Central Liability, Customer Relationship Management and Enterprise Data



## General Ledger

- Supports GAAP and IFRS with the regulatory specifications codified.
- Flexible Chart of accounts – CoA for Management and Regulatory reporting, with flexible Interest and Charges module



## Core Data Services

- This is the financial data, ensuring consistency of information across platforms and data consumers



## Central Liability

- Liability information repository that provides liability profile and historical credit file enquiry.
- Provides profile in Treeview, Limit sharing, credit approval workflow, Credit facilities expiry monitoring and escalation,



## ISO Engine

- ISO interface module ensures interoperability with Cards (AfriGO) and other payment infrastructure



## Customer Relation Management

- Manages customer data, customer profiles and customer data consumption by various microservices



## Anti-Fraud

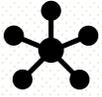
- Integration to a robust fraud monitoring tool to mitigate fraudulent transactions.



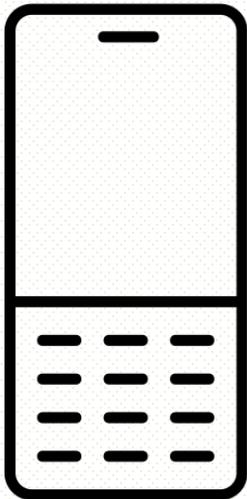
## Core Microservices

- The core APIs deliver the core accounting functions on the General Ledger – Debit, Credit, Transaction History, etc.

# NCube – Channel Layer

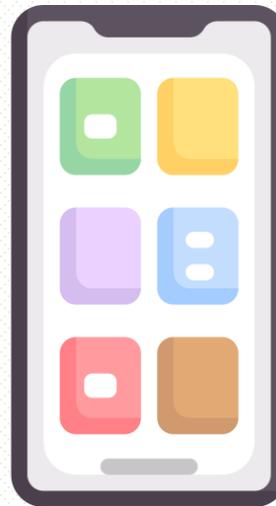


Our Core Banking platform offers an integrated suite of digital channels, including a dedicated USSD string, a white-label Mobile Banking App, and a feature-rich Internet Banking platform, empowering MFIs to deliver seamless and inclusive banking services to their customers.



## Empowering FIs with USSD Functionality Services

- On NCube, our partners get a dedicated USSD string, enabling them to deliver seamless banking services to their customers. This ensures accessibility for users without smartphones or internet, fostering greater financial inclusion.



## Comprehensive Digital Solutions for FIs

- NCube also offers a white-label Mobile Banking App integrated with services from the NIBSS suite. This empowers partners to deliver a seamless, branded digital banking experience to their customers.



## Robust Internet Banking Channel for FIs

- We provide an Internet Banking channel that enables partners to offer secure, seamless, and feature-rich online banking services. This functionality allows customers to perform transactions, manage accounts, and access services conveniently from any device.

# NCube – Banking Services



NCube supports a wide range of MFB services, including deposits, withdrawals, funds transfers, credit, investments, card products, and collections. These services provide a solid foundation for developing innovative financial products tailored to your customers' needs.

## Banking Services

- This consist of basic banking services, from account opening to Cash Deposit and Withdrawal

## Lending Services

- Provision of Credit Administration services from Scoring, Disbursement and Recovery.

## Investment Services

- Availability of configurable investment module for creation of various investment products and services.

## Agency Services

- Services that enables a Bank support Agency Banking from Cash In and Cash Out.

## Collections

- Access to NIBSS e-BillsPay with access to more than 3,000 Billers.

## Card Services

- Ability to issue various Card Types (Debit, Prepaid and Virtual), with access to a Card Management System.

# NCube – Product and Features

## Instant Payment Platform



## QR Payment Platform



## eBillsPay



## NIBSS Direct Debit



## AfriGo Cards



## ICAD\*



Industry Customer Account Database

## Anti Fraud Portal



## Biometric Payment



## Multi-Channels



## Payment Ecosystem

*Integration to NIBSS Payment Ecosystem*

## NQR Payment

*NIBSS has been able to layer an instant payment capability on the QR Code resulting in the birth of NQR*

## Lending Services

*Credit Management with automated assessment and disbursement where required and a recurring payment feature.*

## eBillsPay

*An electronic platform that allows institutions receive payments from customers via Internet Banking, Bank Branches and USSD channels.*

## Card Services

*Issuance of cards for Payments and Cash transactions.*

## Anti - Fraud Solution

*Monitors all transactions on the CBA, to detect, prevent, and mitigate fraudulent activities.*

## eBanking Channels

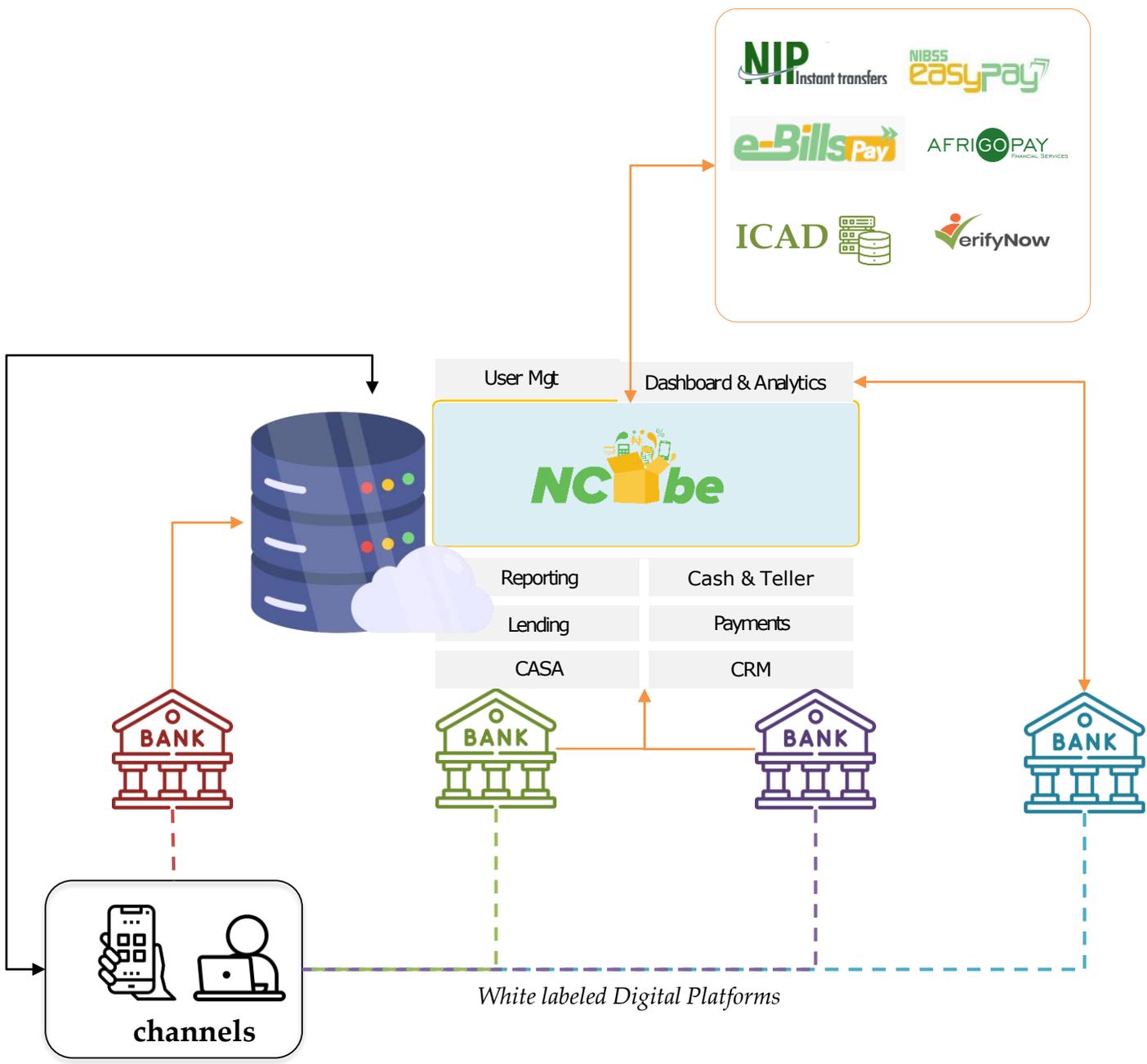
- ✓ Mobile Banking App
- ✓ USSD - Based Banking,
- ✓ Internet Banking

## Best of Technology

- ✓ Availability
- ✓ Data protection
- ✓ Performance efficiency
- ✓ Robustness and reliability
- ✓ User-centeredness
- ✓ Scalability

+ many more

# NCube – High-level Architecture



# Benefits to Financial Institutions

## Single Integration



With NCube, you only need to integrate with one platform, streamlining the development process and saving time and resources.

## Time to Market



Your launch plans are accelerated as everything required to offer Banking Services is built and can be customized to suite your brand

## Reduced Operational Cost



Our offering eliminates the upfront cost of developing and maintaining your own in-house system, freeing up capital for other ventures.

## Scalability and Flexibility



It can be scaled to support your growing customer base and transaction volume, while flexible enough to integrate additional features as your business needs evolve.

## Adaptability



NIBSS Core Banking Application is designed to be adaptable, allowing our customers incorporate new features and regulations quickly and efficiently.



# Contact Us

Would you like to know more?



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## NEXT STEPS

### Milestones



Expression of Interest



Documentation and Onboarding



Pilot & User Acceptance Testing



Data migration and Reconciliation



Go live

THANK YOU

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*...improving the Nigeria Payments System*



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