Simple, Secure yet effective Identity
in 21st Century Nigeria

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The Challenge

Resolving Identity in Nigeria

Multiple Tokens
The Solution

One Identity, Multiple Tokens
The Solution
One Identity, Multiple Nations

**Efficient eServices**
Focus on delivering eServices to public and private sectors

**Establishing Trust**
By promoting digital identity across the Country, with an African vision, at least 2 channels of identity and trust can be built

**Secure Identity ecosystem**
Develop and sustain sovereign owned yet trusted ecosystem

**eServices**

**Training**

**Build Trust**

**One African Identity**
Offering a cross-border African Identity ecosystem with mutual recognition

**Digital Identity**

**Enhanced Training**
Technology training for next generation developers across the Continent
Mind Map
Solving Nigeria’s Identity Challenges

Problems

- Intrusive KYC
- Legal Migration
- Identity Theft
- Multiple ID Tokens
- Document Forgery
- Poor Security
- Tax Evasion
- Lack of Healthcare
- Fraud
- Sex Trafficking

Solution

- Simplified Identity Verification
- Develop & engage local talent
- Outsource Card Issuance
- Deploy Simple Mobile Apps
- Enroll Vulnerable Persons
- Reduce dependence on foreign tech
- Reduce dependency on ill-fitting projects
- Enhance enrollment
- Harmonize ID Tokens
- Via robust infrastructure
- And licensing

Reduce dependency on ill-fitting projects
1 National Identity
The Vision
NIGERIA & AFRICA

• Harmonised Tokens - Phase 1 (Nigeria)
  • NIBSS - BVN
  • FIRS - TIN
  • FRSC - DLN
  • INEC - VIN
  • NHIS - HIN

• eServices - Phase 2
  • Taxation
  • Legal Fees
  • Health Services
  • Robust verification services
  • Document Notarization (including land)
  • Mobile Identity
Standards Overview
Secure Verification

We intend to adopt the very latest International Best Practices and Standards to verify identity to authorized agents, providing them with the confidence that YOU are whom you say you are and have been verified by the NIMC.
Profile

Biometrics

ID Card

More

FIRSTNAME

Proud

MIDDLENAME

Nigerian

SURNAME

Resident

Nationality

NGA

Sex

M

DoB

21-06-1975

ID NUMBER

7 273 913 404 3

Verifying…

Verifier

End User

Barcode to Scan

Verifying…
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**NATIONAL IDENTIFICATION NUMBER**

7 273 913 404 8

**FIRSTNAME**

NWAMAKA

**MIDDLENAME**

HADIZA

**SURNAME**

EFFIONG

**Profile**

**Security**

**ID Card**

**Biometrics**

**More**

Harmonized Credentials
One ID
Multiple Devices

- Single ID, multiple Devices
- Tokenized NIN for security
- Device can be wiped remotely from another one or via our secure web portal
- Your NIN is FULLY PROTECTED… at all times!
National Identity Management Commission (NIMC)

Personal Identity Verification Service

FN: PROUD
MN: NIGERIAN
SN: RESIDENT
ID: 4 231 624 991
Expiry Date: 30 Nov 2022
Date of Birth: 1968-07-01
Gender: M
Nationality: NGA

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Figure 1: Physical Features of the NIN Slip (Front view: Not to scale)

Expensive Security Paper
Person Verified
do list

1. **Electronic Drivers License Integration**
   NIMC is developing a test interface for the use of the National PKI for the integration of an electronic drivers’ license with the FRSC (concept phase)

2. **Health Card**
   Opportunities exist for including NHIS Health Card, which can be verified realtime (or cached with derived credentials)

   The Next Generation National eID Card will come with a Dual Interface (contact & contactless) and have DESFire Emulation built-in

4. **African Digital Identity Blockchain-based Ecosystem**
   Develop an African-wide cross-border common identity ecosystem with mutual recognition, produced by Africans - for Africans
African Talent
African Solutions

Software Development
Engage youth, reduce unemployment

Engage the Private Sector and focus on the development of local talent in host countries. Practical solutions are required TODAY by Africans, for Africans.

African Development... for Africans

Develop Skills
To reduce the continued external dependences

Mobile
Make use of available technology
National Chain of Trust

Country Signing Key
Nigeria CSCA
DS Public Key
Public Key Directory
Daily download
National Control System
Publish
Publish
Publish

CS Certificate
DS Certificate & CRLs
Master List
Link Certificate

Request
Certify request
Sign data with ICAO OID

Document Signer
Document Signer Key

ICAO-Compliant Application
(ePassport/eID Card/eDL)

ICAO-Compliant Terminal
Show Validation Result

Publish
Publish
Publish

DS Certificate & CRLs
Master Lists
Link Certificates

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THANK YOU
FOR YOUR ATTENTION

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