RWANDA NATIONAL ID AGENCY

ID4AFRICA
BY
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DIRECTOR GENERAL
1. Computerize the population registry

2. To issue secure National Identity card, Driving permit for Rwandans, Refugees and Foreign Residents

3. To enhance quick public service delivery by promoting online services through integration.
MODERN ID SYSTEM ROADMAP

1. Computerized Identity of the population
   - National Population Registry
   - (Biographic Data) from birth
   Since 2007

2. Biometric Data
   - Biometric data
   - 16 + year
   - Plastic ID card issuing System
   Since 2007

3. National ID Card
   - Plastic card containing biometric data and Digital ID
   Since 2007

4. CRVS Registry
   - Computerize Vital Events (9)

5. Integration
   - Integration
   - Public Key Infrastructure (PKI)
   - Secure communication
   - Fraud monitoring
BUILD POPULATION REGISTRY

MISSION 1: – COMPUTERIZED NATIONAL POPULATION REGISTRY

Biographic data Collection
9.5 Millions Physical Forms Filled up in 3 Days

Data Entry
700 Data Entry Operators (9.5 Millions forms digitalised)
45 Days

National Population Registry (NPR)
9.5 Million Biographic Record
IDENTITY CARD ISSUING SYSTEM

MISSION -2 : BIOMETRIC IDENTITY ISSUANCE INFRASTRUCTURE

MILTIPLE IDENTITY DOCUMENT ISSUING SYSTEM WITH BIOMETRIC ENGINE

Digital Data Collection

Data Authorisation  Printing  Laminate and Patching  Quality Assurance
INTEGRATION

MISSION-3: – REAL TIME ID VERIFICATION AND VALIDATION

45+ INSTITUTIONS (PUBLIC AND PRIVATE), 416 SECTOR OFFICES ARE CONNECTED TO NATIONAL POPULATION REGISTRY
Today’s Situation

• 11,446,349 Citizens registered in NPR

• 99% of eligible citizens have ID with biometrics

• 416 Sectors access NPR to update CR events

• 45 Institutions integrated for Citizen’s Online Authentication

• 12 permanent sites for biometric data collection
ID SERVICES

• CURRENTLY ID SERVES FOR VERIFICATION AND VALIDATION ACROSS OTHER SECTORS
  – REAL TIME POPULATION REGISTRY BY LOCAL GOVERNMENT OFFERS
  – HEALTH
  – SOCIAL PROTECTION PROGRAM (NUTRITION SENSITIVE DIRECT SUPPORT)
  – EDUCATION (NATIONAL EXAMS)
  – TELECOM (KYC)
  – BANK (KYC)
  – FREE MOVEMENT OF PEOPLE (NORDERN CORRIDOR PATNERS STATES – KENYA, RWANDA, UGANDA)
  – ELECTORAL LIST
REAL TIME POPULATION REGISTRATION

• NATIONAL POPULATION REGISTRY ACCESSED BY ALL 416 CIVIL REGISTRATION OFFICERS ACROSS THE COUNTRY,

• CIVIL REGISTRATION OFFICER WITH RIGHT TO REGISTER NEW CITIZEN,

• VERIFICATION AND VALIDATION OF IDENTITY AT 416 SECTORS
ID4SOCIAL PROTECTION
USE CASE – UBUDEHE

NPR

ID-VERIFICATION AND VALIDATION OF BENEFICIARY

SOCIAL ECONOMIC CLASSIFICATION INFORMATION MANAGEMENT SYSTEM

SOCIAL PROTECTION PROGRAM ENROLLEMENT
UBUDEHE-SOCIAL PROTECTION

• NATIONAL SOCIAL PROTECTION PROGRAM (UBUDEHE SYSTEM)
• CITIZEN ENROLL INTO DIGITAL UBUDEHE SYSTEM (DATA ARE CAPTURED FROM GRASSROOT AND ENTERED INTO THE SYSTEM)
• ID IS VERIFIED AND ID NUMBER IS ENTERED INTO THE UBUDEHE SYSTEM,
• CITIZEN OPEN BANK ACCOUNT WITH ID,
• FINANCIAL SUPPORT IS GIVEN TO CITIZEN DIRECTLY TO COMMUNITY BASED BANK (SACCO)
ID4TRAVEL DOCUMENT
CROSS BORDER

ID IS USED AS TRAVEL DOCUMENT ACROSS PARTNER STATES (KENYA-RWANDA-UGANDA)
ID4TRAVEL DOCUMENT
CROSS BORDER

• CITIZENS FROM 3 PARTNER STATES USE ID AS TRAVEL DOCUMENT,
• CITIZEN ARRIVES AT BORDER,
• IMMIGRATION OFFICER READS THE ID ELECTRONICALLY,
• IMMIGRATION OFFICER ISSUES A CROSS BORDER COUPON WITH ENTRY/EXIT STAMP
ID2CROSS BORDER LAND & AIRPORT

• Automatic Gate at Airport
• Automatic Gate at Land Border

Citizen enrolls with ID and Passport then use Automatic gate pass/Card or Passport
ID4ECONOMIC DEVELOPMENT

• ID IS MANDATORY WHEN OPENING A BANK ACCOUNT
• NATIONAL ID CONNECTED TO CENTRAL BANK
• NATIONAL BANK CONNECTED TO ALL COMMERCIAL BANKS AND COOPERATIVES
• BANKS VERIFY AND VALIDATE ID IN REAL TIME
• NIDA CONNECTED TO NATIONAL CREDIT BUREAU
ID 2 ACCESS GOVERNMENT SERVICES @ IREMBO PORTAL

- CITIZEN USE THEIR ID TO REGISTER ON IREMBO AND ACCESS GOVERNMENT SERVICES THROUGH AGENT OR “DO IT YOURSELF”

97 Government services are available on Irembo
ON GOING INITIATIVES
DECENTRALISED BIOMETRIC DATA COLLECTION

As-is:

Biometric Data Collection System – Once per year a mobile team moves across the whole country (District by District).

To-Be

Biometric to be collected at 416 Points of Services (Sectors)
DECENTRALISED BIOMETRIC DATA COLLECTION MODEL

REMOTE BIOMETRIC DATA CAPTURE STATIONS AND ONLINE UPLOAD SYSTEM

BIOMETRIC DATA COLLECTION FROM SECTOR OFFICE

UPLOAD

VPN

ID PRODUCTION SYSTEM
MODERN CIVIL REGISTRATION AND VITAL STATISTICS SYSTEM (CRVS)

As-IS

• 9 Vital events are handled by different institutions
• Data are registered and kept using different registration Method (Manual registry or Digital Registry)
MODERN CIVIL REGISTRATION AND VITAL STATISTICS SYSTEM (CRVS)

To-Be:

• Vital event to be recorded in one Digital repository.
• Real time events registration
• Unique NIN from Birth shared across systems.
• CRVS to generate statistic/Dashboards
• Digital certificates (Ex: Birth, Marriage, Adoption, Death, ...) to be generated and archived by the same system
NIDA-PKI INTEGRATION

As-Is:
National ID System not Integrated with National PKI.

To-Be:
National ID System to be integrated with Rwanda PKI System.
CHALLENGES

• LACK ID MINORS (UNDER 16 ID CARD)
• SLOW STEPS IN REVIEWING LEGAL INSTRUMENTS TO MEET MODERN CRVS
• LAW TO MEET CURRENT ID INTEGRATION
• LAW TO MEET CURRENT AND FUTURE CROSS-BORDERER ID SERVICE
LESSONS LEARNED

• STRONG LEADERSHIP SUPPORT
• STAKEHOLDERS INVOLVEMENT
• ID – ENABLER
• INCLUSIVE PROCESSES TO COVER EVERYONE
• INTEGRATION WITH EXISTING SYSTEMS
Murakoze!

Thank you!

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