A thick black L-shaped frame surrounds the text. The top horizontal bar is on the left, the left vertical bar is on the left, and the bottom horizontal bar is on the right.

UNIQUE IDENTIFICATION FOR CREDIT REFERENCING

Presented by
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Central Bank of Liberia

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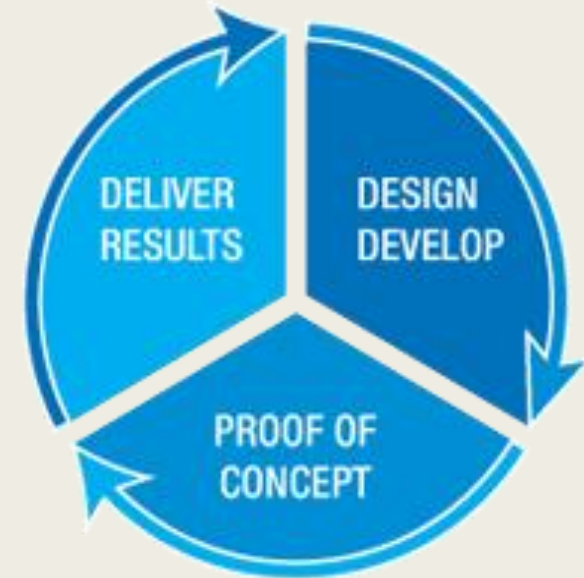
- About CBL
- Credit Reference System (CRS) at CBL
- Objectives of Enhanced Credit Reference Project
- CRS Biometric UID
- CRS Credit Score
- Impact of CRS on Financial Inclusion at CBL
- Project Next Steps

About Central Bank of Liberia

- Principal Regulator of the Financial Sector
- Financial Inclusion is key pillar
 - *Financial Inclusion Initiatives*
 - Microfinance Institutions
 - Credit Unions
 - Village Savings and Loan Associations
 - Rural Community Finance Institutions
 - Electronic Payment Platforms
- Credit Reference System
 - Key Challenge** of **EXISTING** system is that indexing is based on Customer Name.
No UNIQUE Identifier for Customers

Enhanced CRS Project Objectives

- *Design and develop as a functional proof of concept – a working model for a Credit Bureau that will be ready for deployment after the project*
- *Automated credit data collection/reporting to CBL that addresses the existing information gaps in the current credit reference system*
- ***Inclusion of more customer segments - thereby allowing non-traditional banking customers to be part of the financial system***

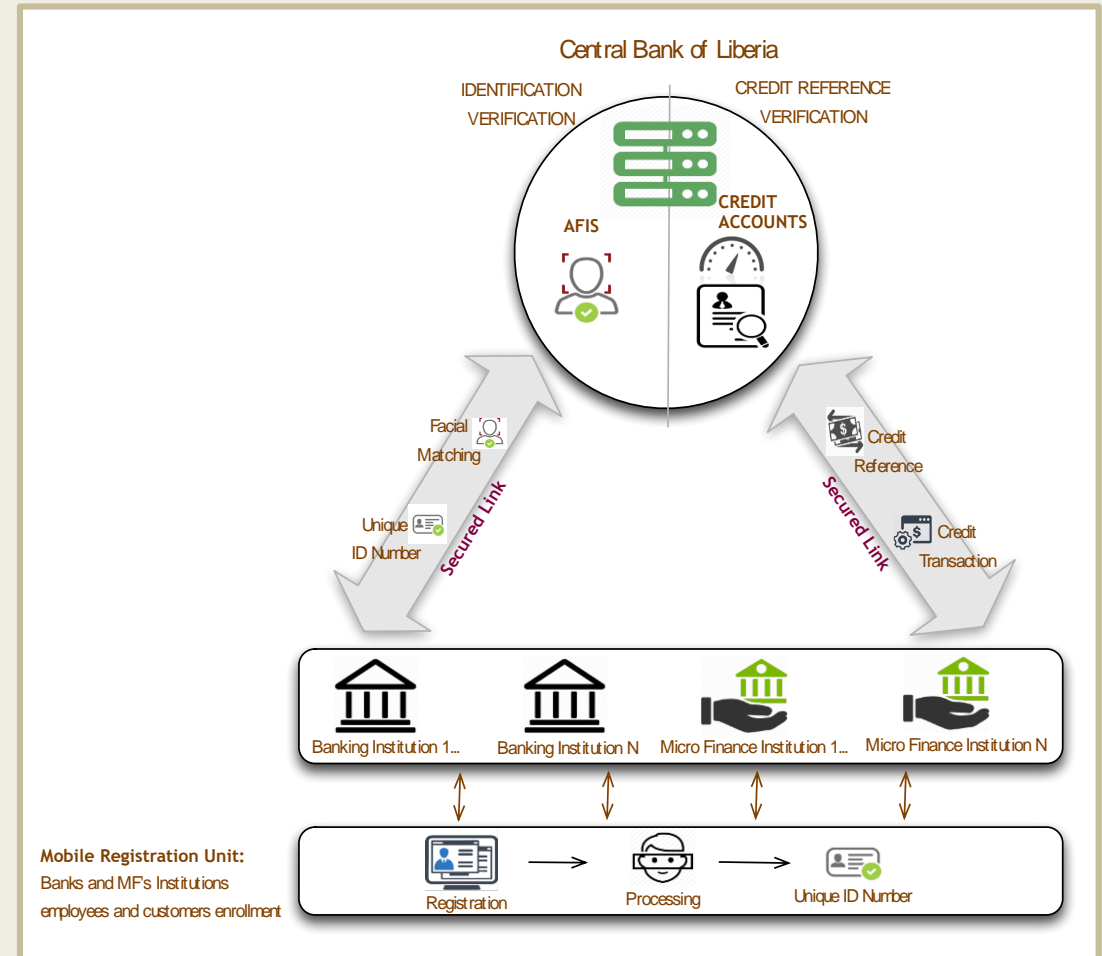


Enhanced Credit Reference System

- Addresses critical problems within the financial sector and makes financial inclusion a realistic possibility*
- Unique Identification using ABIS facial recognition*
- Custom built credit score application*
- Capacity for on-going collection of credit and payment data from all participating financial institutions*
- Collaboration of CBL with OeSD International of Vienna, Austria*

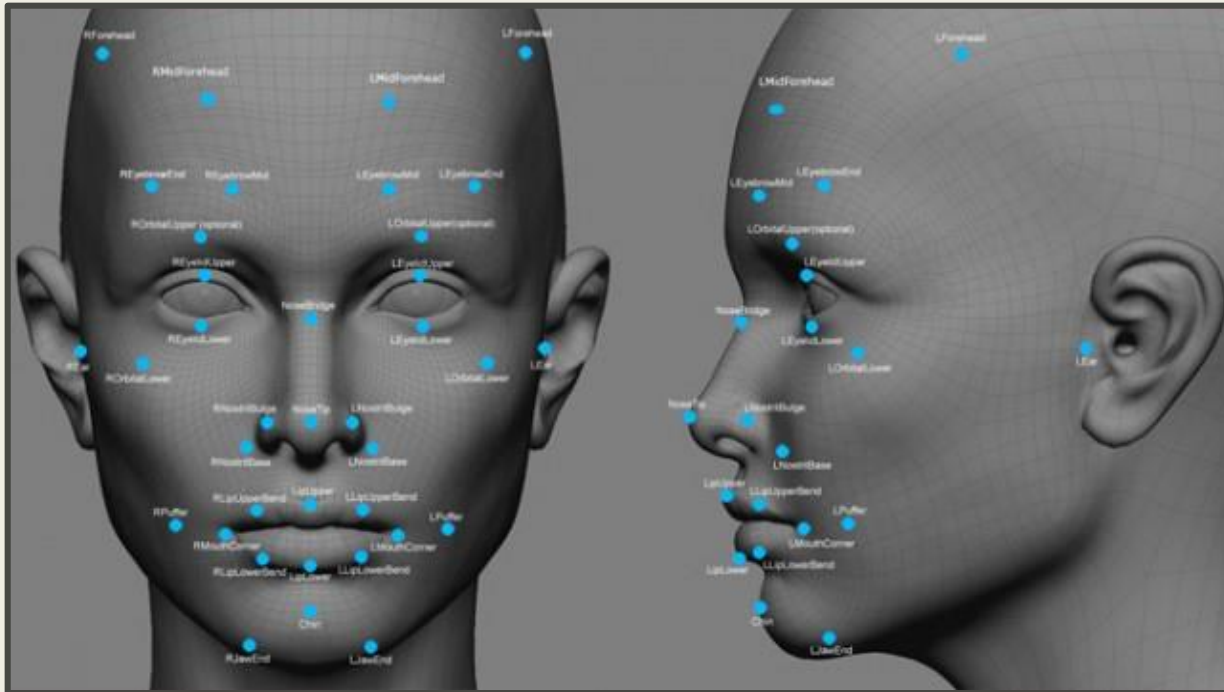
CBL Enhanced Credit Reference System

- Project supported by CBL and 11 participating Financial Institutions
- Project is Implementing the building blocks (phased deployment approach) to provide a full range of credit bureau services based on accurate and unique identification of account holders and borrowers.
- Project has enrolled all bank employees and will be ensuring functionality by generating credit scores of bank employees before making available to all customer.
- Project has capacity for collecting and delivering of credit/payment data from/to all participating financial institutions



Improved CRS – Biometric ID

- Real-time facial recognition
- Unique Personal Identification Number



Improved CRS - Unique Personal Identification Number

- Name verification at Enrolment
 - *National ID card*
 - *Passport*
 - *Driver's License*
 - *Voter's Registration Card*
 - *Employment ID (Bank employees only)*
- Long-term Systems interlink
 - *CRS UID and **NIR number***

Improved CRS - Credit Score

- Critical tool for Financial Inclusion
- Same set of rules apply to everyone
- Scalable delivery model
- Generate Personal Credit Score
 - *Personal Loan*
 - *Business Loan (SMEs and sole propriety)*
- Company/Corporation Credit Rating
 - *Influenced by credit scores of decision makers (board members, president, managing directors, etc.)*
- Credit Score Software Questionnaire
 - *Similar to credit application form*
- Monthly automatic updates from bank transaction data

Improved CRS – KYC & Credit Score Categories Details

Demographic Data	10
Age	25
Education	25
Martial Status	15
Kids	10
Accommodation	15
Years at Residence	10

Balance Sheet	15
Pay of duration	35
Assets/long term debts	35
Short term credit use	30

Income vs Living Cost	25
Income/cost	80
Personal/average income	20

Payment History	30
Insolvency	30
Correct credit payment	50
Oldest credit	10
Average credit runtime	10

Business/Employment	10
Business	30
Job level	35
Time employed	35

New Credit	10
Affordable	60
Type	10
Collateral	10
Latest credit age	20


Improved CRS - Credit Score UI

Management Station

File

Navigation
Person

Person >>



086

Surname: SMITH Person ID: 0011012201700011
 First name: JOHN Enroled on: Dec 10 2017
 Other names: Email: TESTEMAIL@GMAIL.COM
 Gender: Male Type of ID: Employment ID
 Date of Birth: Mar 10 2002 ID Expiry: 08-Jan-2018
 Main Phone: +23324452888 ID Number: 432
 Phone Two: 777 Bank staff? No

Enroled At: Afriland First Bank Monrovia branch
 Status: ABIS Enrolled
 ABIS Check: **ABIS Passed**
 Remarks:

Scoring Details Edit Person's Biodata Biometric Recapture

Credit Accounts Summary Associated Companies Summary

No	Issued Bank	Account Number	Active Loans	Yet to pay
1	Central Bank	010114098658	1,800.00	101.41

No	Company Name	Role

View Accounts Details Create an Account Edit Selected Account View Selected Company Details

Home Person Company Reports Administration Setup

Controls

Logout

Central Bank of Liberia

Currently Logged in: Administrator Bank & Branch: Central Bank, Monrovia branch. Central Server Available

Management Station

File

Navigation
Person

Person >>

JOHN SMITH **086**

Personal Data - Job Details

Address: #4 Cashew road
 Town: Kumsi
 Date of Birth: Mar 10 2002
 Marital Status: Married
 No of Women: 1
 No of Kids: 2
 No of Dependants: 0
 Accommodation type: Own Flat
 Years at Residence: 5.0
 Highest Education: University
 Employed at:
 Employed Since: 01/01/2015
 Type of Occupation: Private
 Type of Business: IT
 Position

Income - Cost - Assets

Monthly Net Income: 3,000.00
 Regular Add. Income: 200.00
 Rental Income: 100.00
 Other Regular Income: 0.00
 Rent: 400.00
 Energy: 100.00
 Phone: 15.00
 Internet: 25.00
 TV: 10.00
 Insurance: 50.00
 Transportation: 20.00
 Alimony: 0.00
 Number of Cars: 1.00
 Property Value: 20,000.00
 Car Value: 5,000.00
 Shares, equivalent:

Public Register Information

Blacklisted: No
 Bankruptcy/Judgement: No
 When (Years ago): 0.0
New Credit Request
 Amount Requested: 0.00
 Runtime (Years): 1.0
 Type of Credit: Mortgage
 Collateral: Property

<< Go Back Modify

Home Person Company Reports Administration Setup

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Improved CRS & Financial Inclusion

- Microfinance Institutions
 - *18 registered microfinances institutions in Liberia*
 - ***Ensuring all member of NEMIL (Network of Microfinance Institutions in Liberia) have access to CRS will be crucial for accomplish financial inclusion goals***
- Credit Unions
 - *Key to providing financial services to rural Liberia*
 - *Credit unions are member-based institutions engaged in savings mobilization and credit extension*
 - ***CRS can ensure unique identification and credit history of each member to leverage again bad creditors risks and reward good borrowers***
- Village Savings and Loan Associations

Improved CRS & Financial Inclusion

- Rural Community Finance Institutions
 - *Owned by members of the communities through capitalization share purchases*
 - *Mobilization of savings in the rural communities will also spur local investment and increase economic activity*
 - *Overtime, people in the rural areas will become more fully integrated into the traditional banking sector*
 - ***Provide entire suit of CRS services to rural community finance institution***
- CBL Promote Use of Electronic Payment Platforms
 - *Enhancement of the existing mobile money guidelines to promote greater competition in the delivery of mobile financial services.*
 - *ATMs, POS, Mobile Money/Mobile Apps*
 - ***CRS DAC Mobile App is a secured mobile app that allows users to access their Unique ID (UID) and CRS profile with associated accounts from any financial institution***

Next Steps – Goals/Benefits of a Full-service Credit Bureau

- Reduces the need for high reliance on “physical collateral”
- Enables the “unbanked” to have a credit history
- Decreases loan cost and processing time
- Increases access to financing of SMEs
- Lowers interest rates over the long term



Next Steps (6-12 Months)

- Launch Service to all Customers of participating banks
- Expand Services to other institutions needing credit information
- Transfer of Project Ownership
 - Participating Financial Institution OR
 - Private Company with oversight of Financial Institutions