

GlobalVox

Public Sector Profile

Large, mission-critical government projects continue to be a strong area of focus for GlobalVox.



GLOBAL VOX

Public Sector Profile



Objective

For around 5 million land-owners - Digitization of land records to contain corruption and other illegitimate claim of lands also ensuring a secure land title for every landowner.



Solution Delivered

- We created an LE Card (Land Electronic Card) for each land-owner
- This card was an RFID card with a unique identifier
- The identifier was linked to the land-owner via biometrics (face recognition, finger-print and palm vein records)
- Interface 1: Mobile application for land-owners
- Interface 2: Mobile application for field-executives – which are executives of the government to collect taxes, map land parcels and more
- Interface 3: Web based admin panel to manage all land records, allocate geographies to field executives, manage tax collection
- Interface 4: Biometric integrations

Innovation & Integrations

- Palm vein technology (patented by Fujitsu)
- Proprietary Facial recognition technology
- Integration with banks
- Integration of RFID based LE cards

☰
Leaseholder Account

Chris Pale

RFID

chris32@gmail.com ✎

+12 598 211 2362 ✎

Address1 ✎

Address2 ✎

Musaka ▼

Identity Documents

ID Type

Passport

ID Number

UG458IT87493JF

PalmVein Status: Complete

Facial Biometric Status: Incomplete

Update Profile

Capture Facial Biometric

Cancel

Kenya Trade Network Agency (KenTrade) is a State Corporation of Kenya to establish, implement and manage the National Electronic Single Window System (KenyaTradeNet System) and to facilitate trade.



Scope & Objective

Develop a Watchlist Screening platform for the Kenyan Trade Lobby (Kentrade) to rapidly identify individuals against multiple national and international lists.

Solution Delivered

- Watchlist Screening (Individual Entity)
- Single and Multiple Screening
- Quick Search
- Subscription Model
- Watchlist management
- Screening History Management
- Sub-user management



Mexico Department : Progreso County – Cartography & Property Tax Department

Scope & Objective

- There are hundreds of counties in Mexico where less than 50% of the properties are registered for tax. This causes huge revenue loss to the Property Tax department.
- Also a very high %age of these properties have wrong purposes. For eg. a piece of land with a office building on it – would be showing as an open parcel of land in the department records. This also results in revenue loss.
- Also the current software system used by the department was 20+ years old and desktop based (developed in visual pro). The executives literally move data from one computer to the other using pen drives or over local network.
- The scope was to redesign the entire software – also develop mechanisms to capture maximum territory under tax bracket. Additionally it was to be made sure that the registered purpose of the property and the actual usage of the property are in sync.
- We had to develop the catastro software, finance department software, public registry software integrations and a smart card.



GlobalVox Technology Spectrum

- JAVA : Spring boot, Spring and Struts frameworks
- Blockchain : Hyperledger, Solidity, Solana (NFT, Exchanges, Smart contracts)
- Angular : Angular 2 till latest Angular 10 – all versions
- React JS
- HTML/CSS/JS : LASS/SASS/CSS/HTML5 etc.
- Oracle : EBS, PeopleSoft, Oracle DB, Oracle APEX and Oracle Apps
- Managed Cloud Infrastructure – Azure, AWS, GCP, OCI
- Server hardening and performance tuning
- SAP – ECC, S4H, S4HC, C4C
- Mobile Development – Android, iOS, Cross Platform

ORACLE®
Cloud Infrastructure



PeopleSoft



Oracle Application Express



ORACLE®
Applications



ORACLE®



12 ORACLE®
E-Business Suite



Ethereum



Polygon



Binance



Solana



Cardano



Polkadot



EOS



Hedera