Use of e-Token for ITN mass campaign:

A Case Study of the 2024 Pilot in Ogun State, Nigeria

Outline

- Introduction
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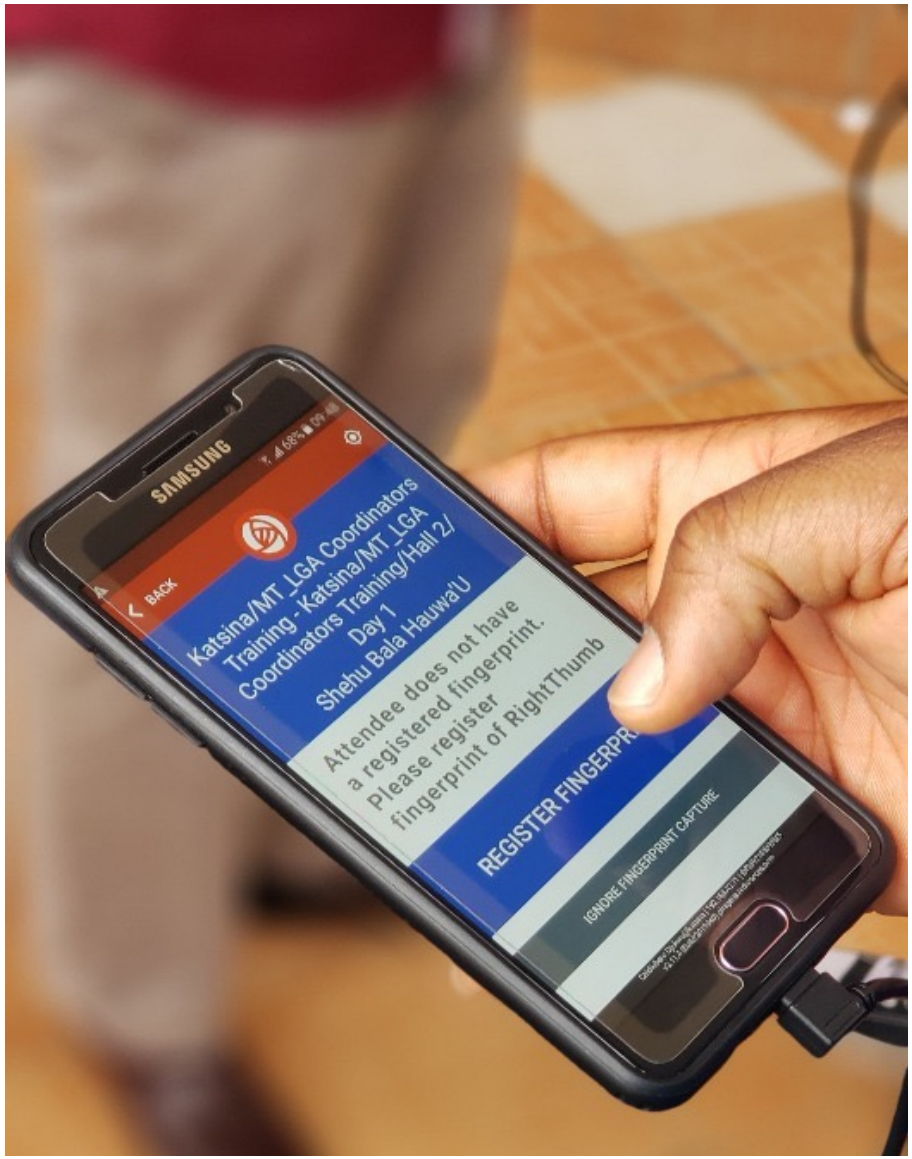


Introduction

Insecticide Treated Nets (ITNs) are health commodities in malaria prevention, providing a physical barrier against mosquitoes and reducing malaria transmission rates.

ITNs are distributed during mass campaigns to ensure widespread coverage, particularly in malaria-endemic regions like Nigeria which contributes to 28% of the world's global malaria burden according to WHO.

The use of ITNs has been instrumental in reducing malaria morbidity and mortality, especially among vulnerable populations such as children under five and pregnant women.

Objective

The presentation aims to showcase the results and evidence of digitization through the use of e-Tokens in the Ogun State 2024 ITN Mass Campaign.

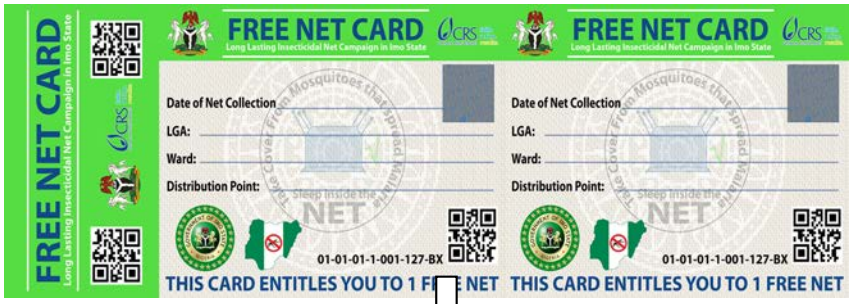
This innovative approach replaces traditional printed net cards with unique digital tokens, streamlining the distribution process and reducing costs.

Background

Historically, ITN distribution in Nigeria relied on printed net cards, which were costly to produce and logistically challenging to manage.

These cards were used to ensure accountability and track the distribution of nets to households

The ITN tokenization strategy was introduced to address these challenges by replacing physical net cards with unique digital tokens.



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Pilot Scope

The pilot evaluated the feasibility of tokenization as a cost-effective solution for ITN distribution.

Conducted in three Local Government Areas (LGAs) in Ogun State: Odeda, Ikenne, and Ijebu Ode.

The need to eliminate the need for printed net cards to significantly reduce campaign costs and streamline the distribution process.

These areas were chosen for their diverse urban-rural profiles, providing an opportunity to test the system in varying operational context

Implementation Process for e-Token Pilot

13 Training and Technology Administrators (TTAs) were trained and deployed across the pilot LGAs to support household mobilization teams.

Mobilizers participated in a two-day training program focused on household registration and token generation.

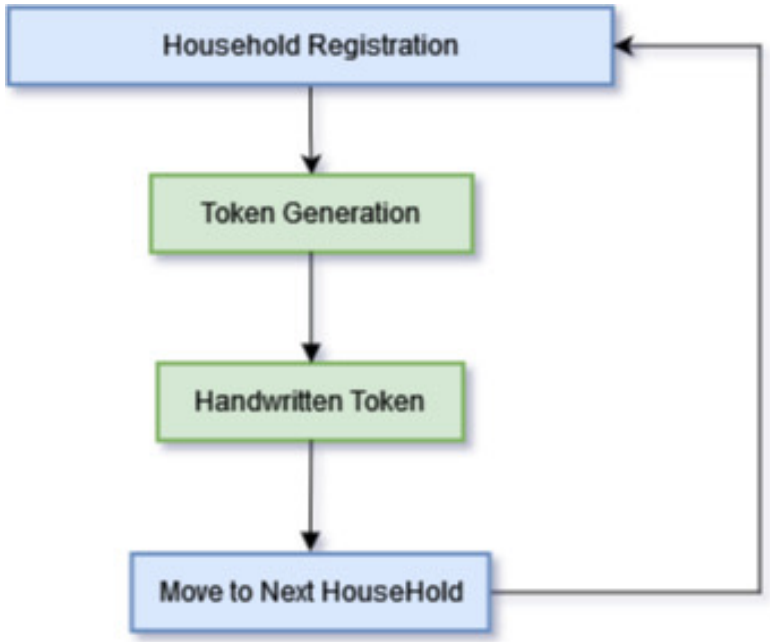
1,300 booklets of e-token record slips were printed with each containing 100 slips.

Distribution Point teams were trained on entering tokens into the mobile app

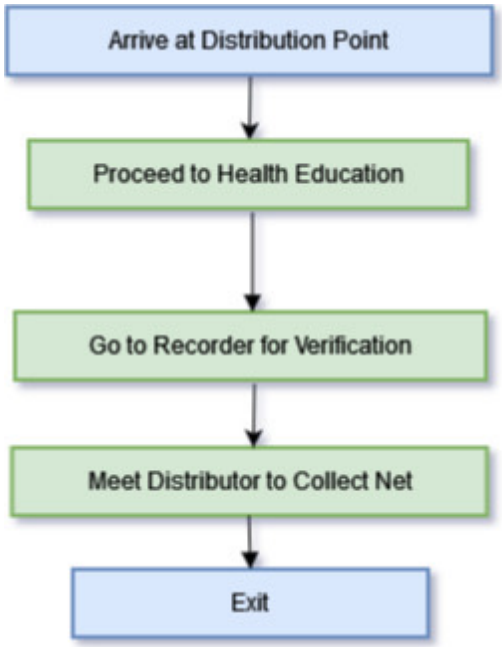
The ICT4D Team ensured the timely resolution of technical challenges and maintained the integrity of the tokenization strategy.

Operationalization

During HHM…



At the Distribution Point…



Challenges Encountered

- Transcription Errors
- Legibility Issues
- Incomplete Mobilization
- Documentation Issues

Summary of Cost Savings

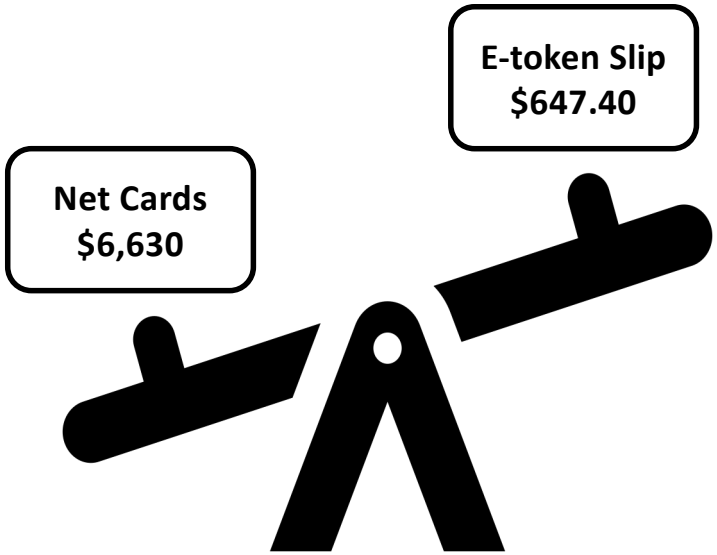
Net Cards vs. e-Token Slips in the 3 Pilot LGAs

Total Cost of **Net Cards: $6,630.00**

Total Cost of **Token Slips: $647.40**

Total Savings: $5,982.60

The pilot achieved an approximate **90% reduction from the use of net cards.**



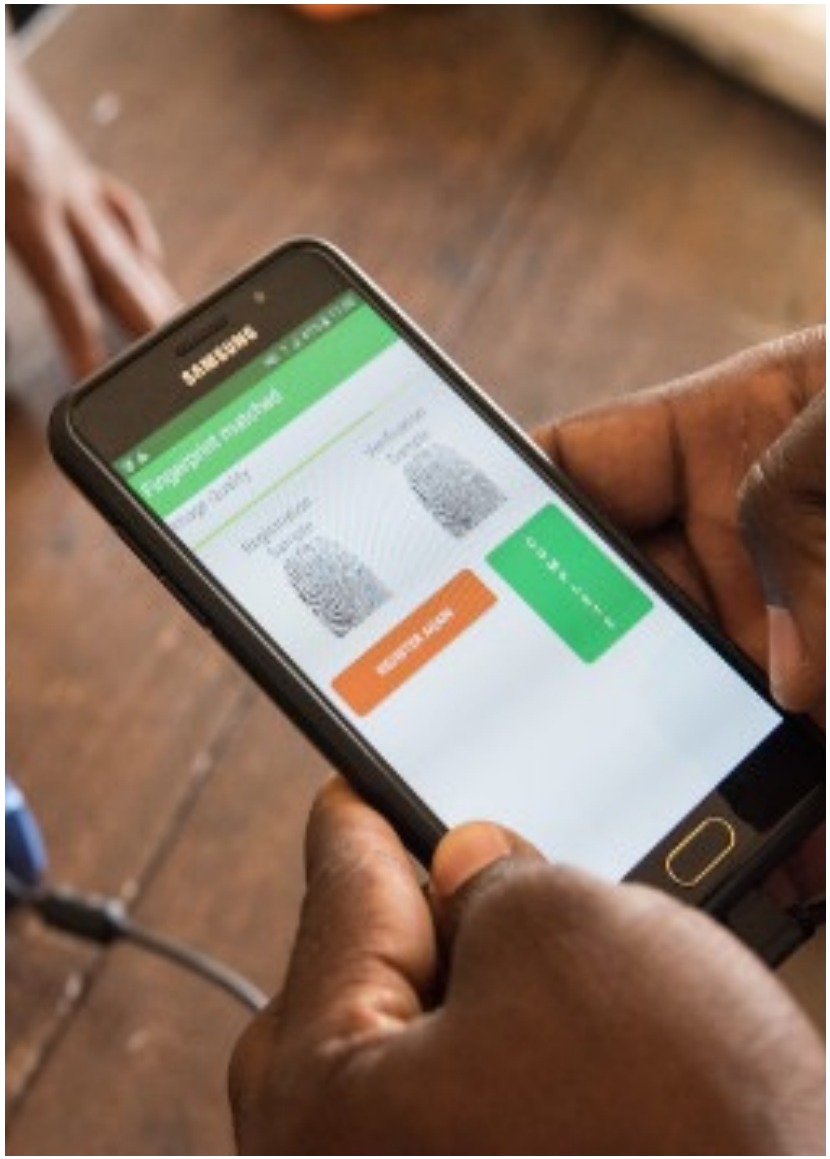
Recommendations and Future Plans

- Only mobilizers handling the device write the e-token
- Redesigning of the app flow
- Emphasize correct documentation during training
- Changing of e-Tokens to Numbers alone to reduce the rate of invalid e-Tokens
- Scale up E-tokenization in all 2025 Campaigns, leveraging the success and insights gained from the Ogun State pilot to enhance the efficiency and effectiveness of ITN distribution.
- Consider merging e-tokens and Beneficiary IDs for integrated campaigns

Conclusion

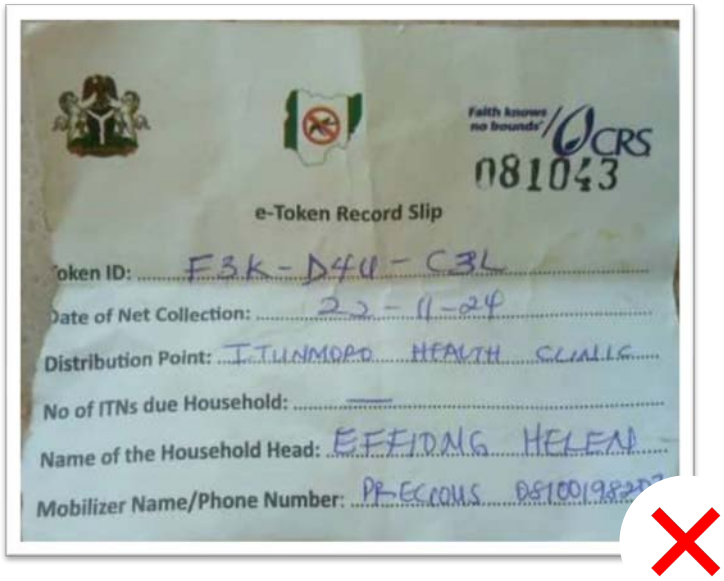
The e-Tokenization pilot in Ogun State serves as a compelling case study showcasing the cost-effectiveness and return on investment (ROI) of digital platforms in improving health outcomes. By embracing digitization, ITN campaigns can achieve greater efficiency, reduce costs, and ultimately save more lives.

The success of the e-Tokenization pilot in Ogun State provides a strong foundation for future initiatives aimed at leveraging technology to improve health outcomes and achieve sustainable development goals.

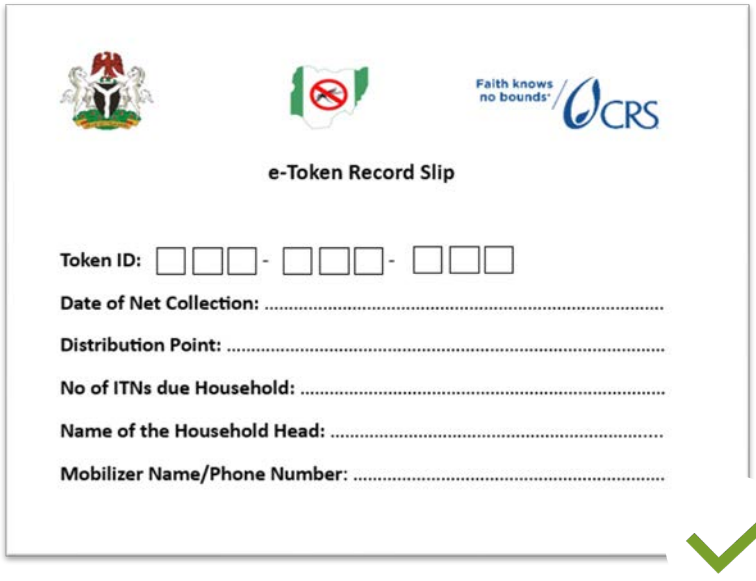


Annexes

1. Wrongly filled Token Slip with Good handwriting wrote V as U



2. Redesigned E-token Slip



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National Malaria Elimination Program (NMEP)

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Ogun State Government

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