CONCEPT NOTE

INCREASE ACCESS TO ESSENTIAL MEDICINE – ROLE OF MOBILE TECHNOLOGY IN ELIMINATING STOCK OUTS

PRESENTED TO NIGERIA GOVERNOR'S FORUM

16TH NOVEMBER 2016

ABUJA, NIGERIA

vodacom

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THE CONTEXT

- Vodacom has succesfully introduce the use of mobile technology in reducing stock outs of essential medicine in Eastern and Southern Africa. The solution developed for this purpose is our Stock Visibility Solution, also referred to as SMS for Life in some markets.

- Through the local Vodacom subsidary, Vodacom Business Nigeria and our partner organisation Deux Project the Stock Visiblility Solution was introduced in September 2015 to the Governor of Kaduna State.

- The solution was earmarked for implementation in 255 clinics with the condition that Vodacom introduce a suitable funder that will partner with the Ministry of Health in Kaduna to support the implementation. Novartis agreed to fund the implementation for the nominiated number of clinics.

- Following engagements in Kaduna State, the Stock Visibility Solution was also presented to the Vice President, Honourable Oluyemi Oluleke Osinbajo, in June 2016.

- On invitation a presentation was made to the Governors' Forum on 20 July 2016 by a senior Vodacom delegation, headed by the Chief Officer and CEO of Vodacom Business, Mr. Vuyani Jarana. During this sitting we received approval for implementation of the Stock Visibility Solution in all thrity-six States. Find herewith the formal letter received from the Governors' Forum.

- The Governors' Forum directive was to introduce the Stock Visibility Solution to all State level Ministries of Health during a two days' workshop hosted by the Nigerian Governors' Forum Secretariat, Federal Ministry of Health and Vodacom to realise a speedy implementation.

- Vodacom engaged several local and international development partners to provide the necessary financial support for the implementation of the Stock Visiblity Solution.

PROBLEM STATEMENT

- Dispensaries in Africa on a primary health care level continue to experience chronic stock-outs of essential medicine.

- Investments in improving supply chain and stock management systems have mostly focused on 'upstream' capabilities – Global, National, State Level and Local Government Area (LGA) warehouses, depots and supply chains.

- Investments in migrating from paper driven processes to eletronic Logistics Management Information Systems (eLIMS) on a Global, National, State and LGA level have not yielded the expected stock availability results on a dispensary level. This is

mainly due to the fact that the 'last mile' stock- and supply management systems remains paper based.

- Ministry of Health management on Federal, State and LGA level don't have visilbity on whether essential medicine is available on a primary health care dispensary level. Holding services providers and suppliers accountable for contracted service levels becomes difficult and requires manual intervention.

PLAN

- Implementation of the Stock Visiblity Solution on a primary health care dispensary level across all thirty-six States will allow for:
    - o   real-time visibility on stock levels for all levels of management;
    - o   a real-time feed of stock-level information into existing eLIMS solutions (open architecture design allow for integration any third party eLIMS solution);
    - o   potential migration from a 'pull' supply model to a 'informed push' supply model;
    - o   inter- and intra transfer of medicine between dispensaries in the case of emergancies.
- Deploy the Stock Visibility Solution in a phased approach which will be agreed with all stakeholders

WORKSHOP OBJECTIVES

The primary objective of the proposed workshop, aligned with the Federal Ministry of Health's and States health priorities, will be to discuss and plan for the phased deployment of the Stock Visiblity Solution across all thirty-six States. If time allow Vodacom will also showcase some of the other health solutions that we have succesfully introduce in other African countries.

PROPOSED WORKSHOP AGENDA

1. Verify alignment – our understanding of the problem statement, need assessment, priorities and stakeholder ecosystem.
2. Talk through the Governors' Forum directive and attached 'Vodacom Health Proposition' proposal [2]
3. Discuss partnership opportunities between States Ministry of Health, Vodacom and potential funders -
    a. Potential funding partners (development partners and private)
    b. Roles and responsibilities

    c.   Engagement protocol and milestones

4. Timelines and high level project plan for a phased deployment

5. State level formal endorsement and approval to implemented the Stock Visibility Solution across thirty-six States

6. Showcase other Vodacom Health solutions and services aligned with the Ministry of Health priorities –

    a.   Vaccine Management Solution – including cold chain monitoring

    b.   Community Health Worker Management Solution – including patient management