LoMIS Suite
Addressing supply chain challenges in Nigeria

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The Challenge

The Nigerian supply chain system faces several challenges in ensuring the availability of vaccines, food, drugs and other life-saving commodities and meeting national supply chain reliability goals.
LoMIS Suite

LoMIS is a suite of offline-capable mobile and web applications “LoMIS Stock” and “LoMIS Deliver” built to address supply chain challenges such as poor infrastructure, late deliveries of life-saving commodities and cumbersome paper-based systems for reporting and logistics, which lead to slow and inefficient decision-making.

After 4 years of implementation the solution has evolve to manage stocks for most thematic areas of supply chain
LoMIS Suite

LoMIS **Stock** handles the **upstream** stock accountability aspect of supply chain management at all delivery nodes and LoMIS **Deliver**, which enables remote management and monitoring of stock in transit, manages the **downstream**.

Together, LoMIS Stock & LoMIS Deliver enable efficient operations and empowers key decision-makers to make informed decision that impact their supply chain strategy.
Our Solution: LoMIS Suite
Optimize visibility on stock availability at all level using the **STOCK COUNT** feature

Real time reporting of Stock out through the **STOCKOUT ALERTS** feature

By using the **WASTE COUNTS** feature; vaccine wastages can be managed easily

Real time cold chain inventory through **EQUIPMENT STATUS**

Monitor vaccination coverage by sending stock **UTILIZATION** for fixed & outreach sessions

**INCOMING AND OUTGOING STOCK** feature help reduce risk of pilferage and low usage of ledger as a vaccine accountability tool

By using the **WASTE COUNTS** feature; vaccine wastages can be managed easily
Update Status of deliveries
View quantities of vaccines to pick from the cold store for each facility
Electronic Proof of Delivery sign-off
Real-time temperature monitoring to avoid incursion

Send via internet

View Delivery progress Reports
View timeliness report
View Driver Performance
Use Cases

- LoMIS is used to monitor vaccine visibility across all 535 health facilities with functional cold chain equipment in Kano State.

- LoMIS has concluded a six month pilot at the request of the pharmaceutical department of the Kano State Primary Health Care Management Board (KSPHCMB) and is on the verge of scaling up in the visualization of chosen tracer drugs of the Drug Revolving Fund program.

- LoMIS is also supporting Bauchi, Sokoto and Zamfara States in the visibility of last mile delivery of vaccines.
— Over 32,000 - deliveries since 2014

— Tracked and delivered health commodities to over 500 facilities across wards in Bauchi, Sokoto and Zamfara states

— Delivered over 24 million doses of Antigens

— Delivered over 16 million units of dry goods

— Significant increase in stock availability and decrease in stock outs for state where eHA provides vaccine delivery services
How else can LoMIS Suite address cold chain challenges in West Africa
Use Cases

- LoMIS can be used to take inventory of food produce in transit and at cold rooms.
- Temperature can be monitored from point of harvest to temporary storage facility to point of usage.
- Real-time temperature monitoring report of cold chain equipment and incursions alert.
- Reduce wastage of commodities by providing trend analysis of incursion.
Impact so far...

— On-time delivery to all health facilities
— Stock out frequency is greatly reduced
— Ensured vaccine availability at each health facility
— Leverage on government investment in cold chain
— Balance the state’s supply levels of vaccines
— Streamline delivery to save resources and unburden LGAs
— Vaccine logistics management
Who Are We
eHealth Africa is a health social enterprise focused on improving health systems in Africa. We have country offices in Nigeria, Sierra Leone, and Germany. We are currently executing projects in many countries in the region, including Chad, Cameroon, DRC, Niger, and others. eHealth Africa has over 500 staff working across these offices and project offices.
Program Philosophy

Our experience working as an implementer and a leader across health systems delivery, emergency response, and supply chain management tells us that without a unified approach to strengthening health systems overall, programs are destined to be ineffective, costly, and slow.

Our approach to technology is that systems designed in proximity to the environment in which they are needed are stronger, more effective, and help close the gap between design.
Contact Us

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