GLOBAL
HEALTH
SUPPLY CHAIN SUMMIT

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2018 Global Health Supply Chain Summit
Lusaka, Zambia

Interoperability: Health and Supply Chain information systems to achieve maximum impact

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Value Statement

- **Value 1: Improve Health Outcomes**

- **Value 2: Improve Operating Efficiency**

Common Interoperability Use-cases

- Categories of Systems
  - Supply Chain (LMIS, ERP/WMS, etc)
  - Clinical Systems (EMR, hospital, mobile, etc)

- What do we want to know?
  - Where is it all? Is it where it needs to be?
  - Does everyone have enough?
  - Am I oversupplying some? Can I run leaner?
  - Does everyone know what's on the way and when they'll get it?

How do we get there?

- Why Standards?
  - Form the foundation and make it easier to build. (example: web browser)
  - So too we can make it easier to build at the intersection of health and supply chain.
- Where can standards help?
  - Locations (Where is there supply? Where is there demand?)
  - Products (Which Items? What Lots? What Commodities?)
  - Stock (How much is on hand? What has been consumed?)
  - For data quality and efficiency? (Barcodes that can be read by anyone)

Capabilities

- Locations are the same in all your systems

- Items and Commodities are the same in all systems

- Systems are able to communicate, across firewalls (organizations, networks, etc)

- The canonical definition of any entity (Location, Item, etc) is done in one place, and shared widely.

Tanzania Experience

Leading Examples:

Immunization Program – IVD
-Barcode functionality enable in VIMS (OpenLMIS)
-Data capturing automated
- • Product identification
- • Expiry date
- Attracted more integration with other systems

Medical Stored Department – MSD
-Fully Barcoded for internal operations

A holistic approach as a Country
-Work to bolster awareness and begin to align stakeholders
-Advocate building a product registry that's GS1 compliant
-Drawing experiences from immunization team and MSD.

Where to start (TZ)

- Alignment
  - Buy-in
  - Governance and Master Data
  - Facility Registry
  - Product Registry
- Regulatory change
- MIS change

Milestones on the way

- Buy-in and regulation/policies support
- Systems support
- Items in country with labels that any machine can read
- Connecting to global standards

It's a long road

Where is this going to happen?

Join!

OpenHIE Supply Chain sub-community

https://wiki.ohie.org/display/SUB/Supply+Chain+Subcommunity

Conclusion

- Values
- Standards
- How to get there and milestones
- It's a long road
- Get involved!

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