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SUPPLY CHAIN SUMMIT

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Integrating systems to provide end to end visibility

Supplying remote health facilities with critical commodities takes more than one system.

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VillageReach on behalf of the OpenLMIS Community
OpenLMIS Product Manager

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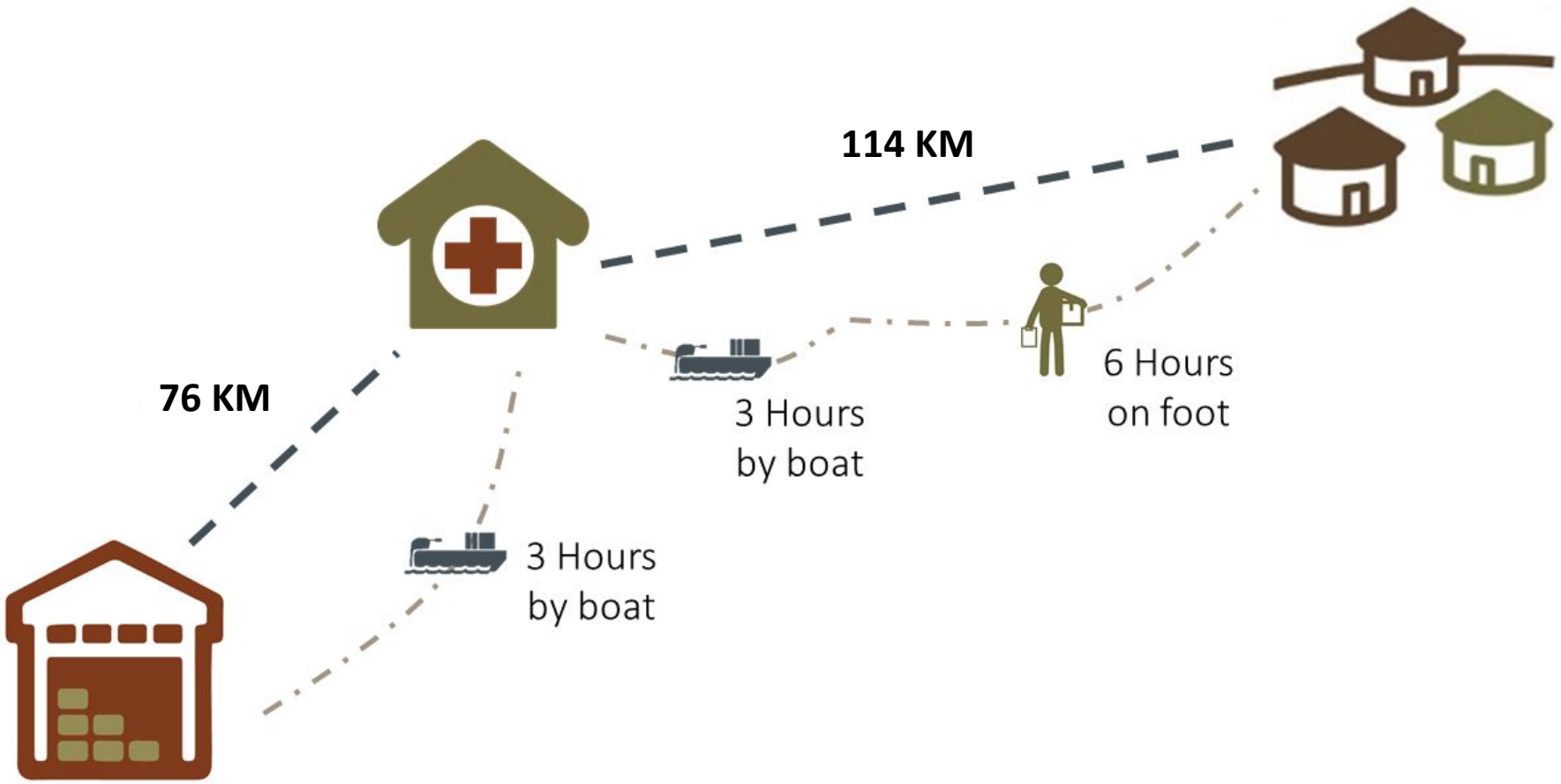
Lusaka, Zambia

Session Objectives

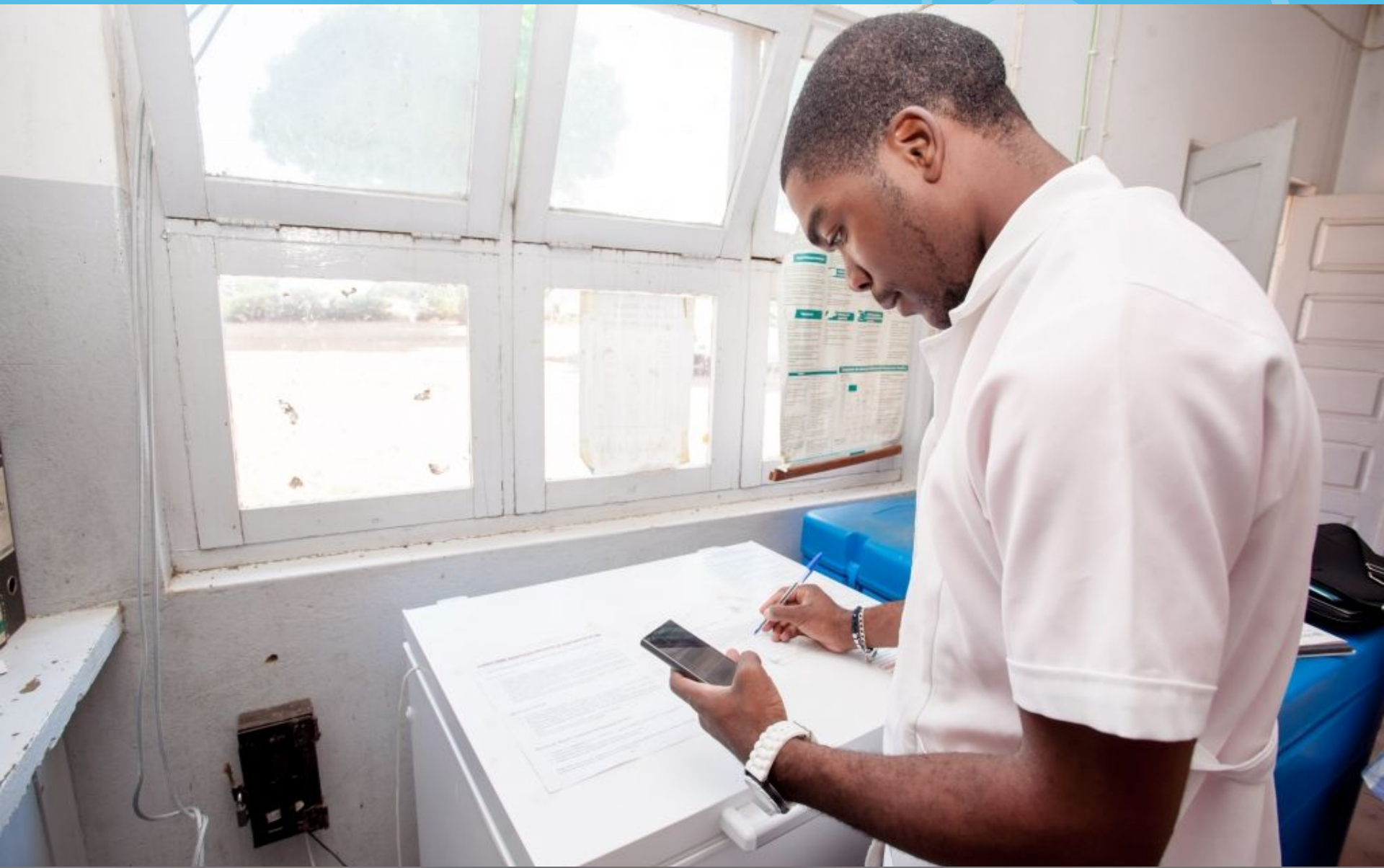
- Understand independent and combined value of the health and supply chain domains.
- Understand the both the end-to-end visibility and track-and-trace paradigm across multiple systems
- Learn about best-in-class software systems in each domain

What Does It Take To Deliver Care?

The Distance



Cold Chain Monitoring



Inventory Control

Tracking Child Health

Balancing between multiple systems

Why integrate systems?

Improve Health Outcomes

- Product availability
- Track and trace

Improve Operating Efficiency

- Reducing data entry
- Increased Accuracy
- Improving visibility

Health Outcomes

Alignment between supply and demand will improve availability of essential medicines.

- Accurate consumption improves reorder quantities
- Demand information fine tunes reorder amounts

Improve Health Outcomes

Unlock Track and Trace

Track and Trace is the ability to trace where specific items in your supply chain have been and where they are going. By utilizing track and trace, supply chains are secured against substandard and falsified items from entering it - **greatly enhancing patient safety.**

Improve Operating Efficiency by

Reducing data entry across systems

Improving data quality and visibility

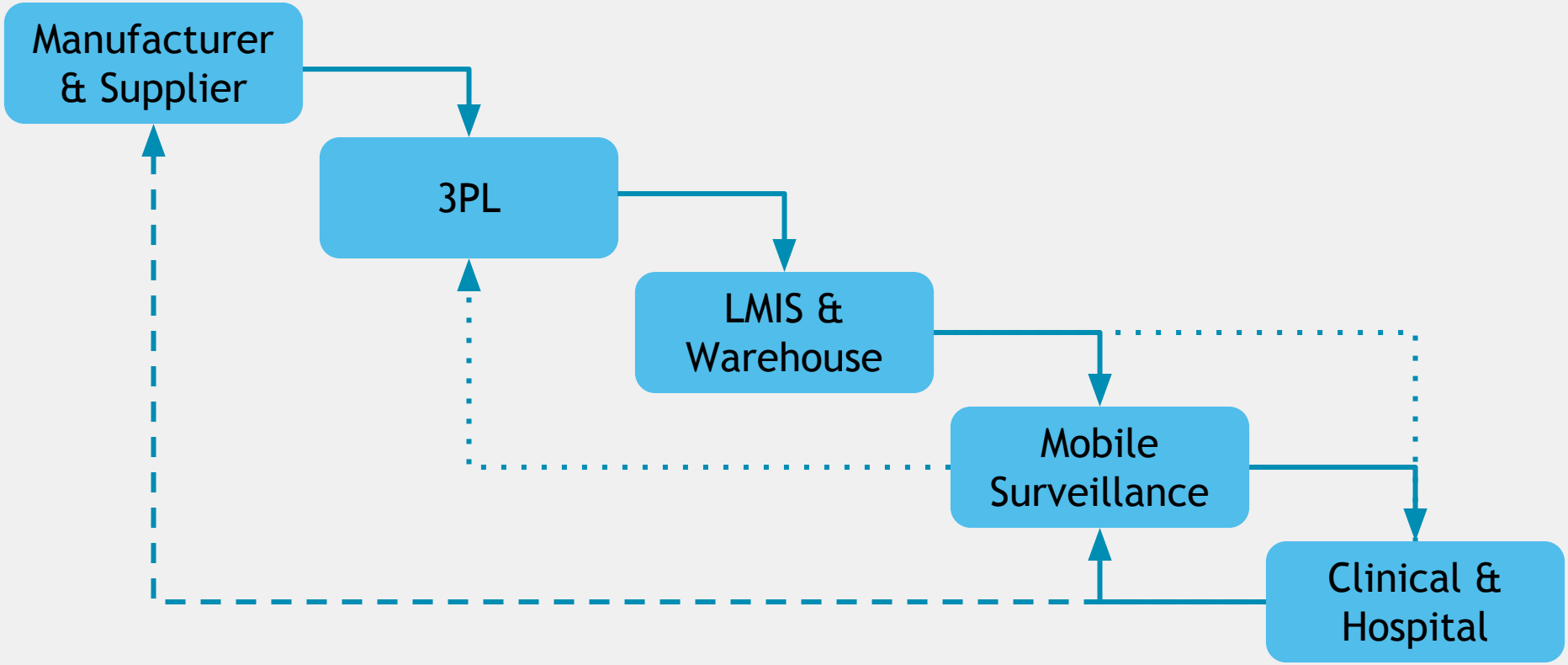
Speeding up reporting and deriving insights

Leveraging the best system for each level and function

Creates an environment that encourages "best in breed" tools working together, rather than "one size fits all"

Unlocks Supply Chain Visibility

Items in a supply chain pass through many different hands using many different IT systems. Visibility is connecting the inventory reports of each of those IT systems into a holistic picture of commodity availability and consumption.



Architecture

- Requisitions
- Orders
- Shipments
- Proof of Delivery
- Stock Management
- Master Data Management

OpenLMIS

OPENSRP

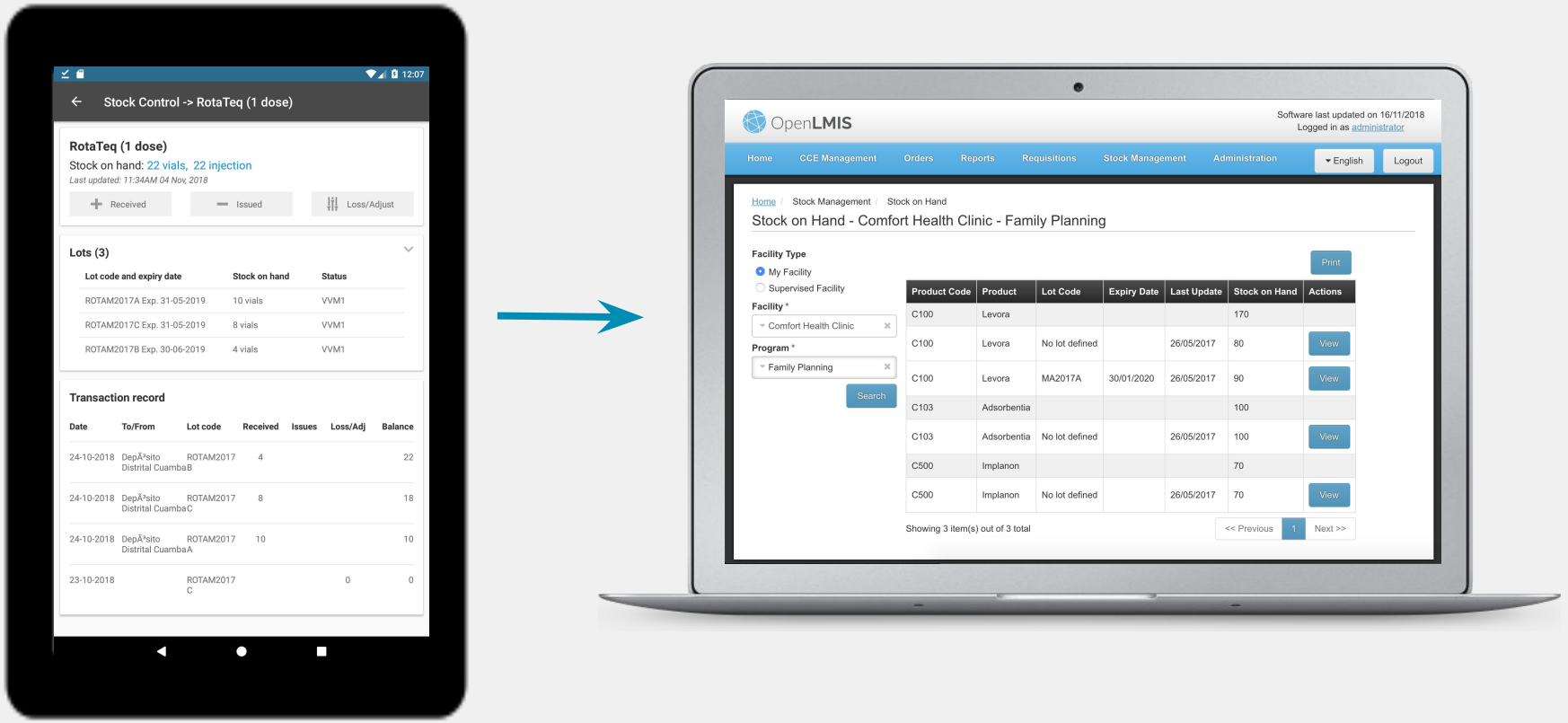
- Person Index
- Health Records
- Mobile Inventory Control
- Real time dashboards

NEXLEAF ANALYTICS

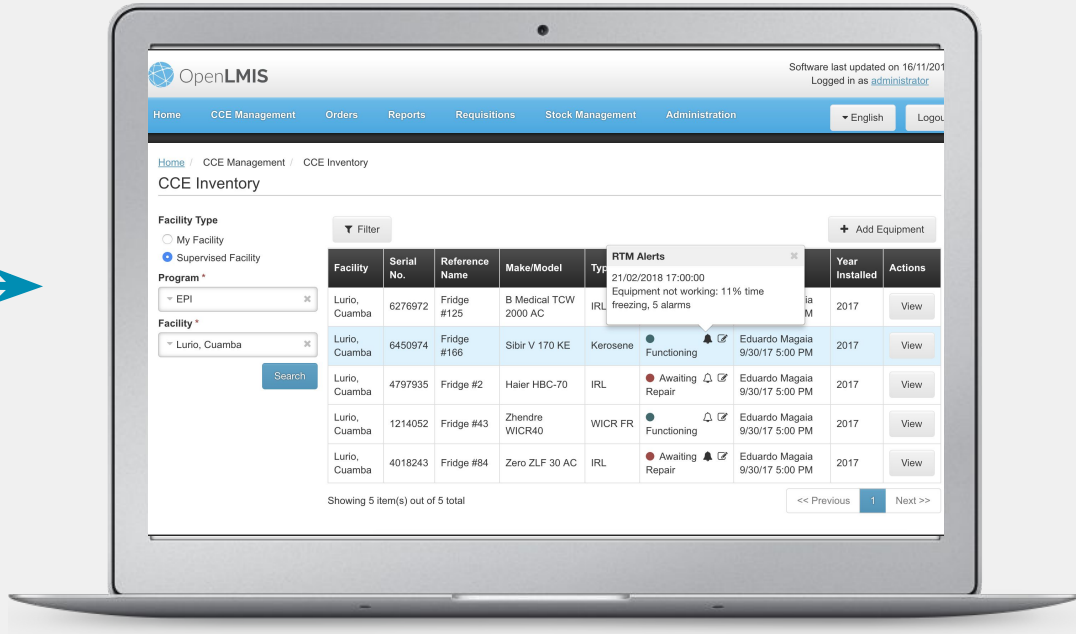
- Remote Temperature Monitoring
- Real time dashboards
- SMS Cold Chain Reporting

End to End Visibility

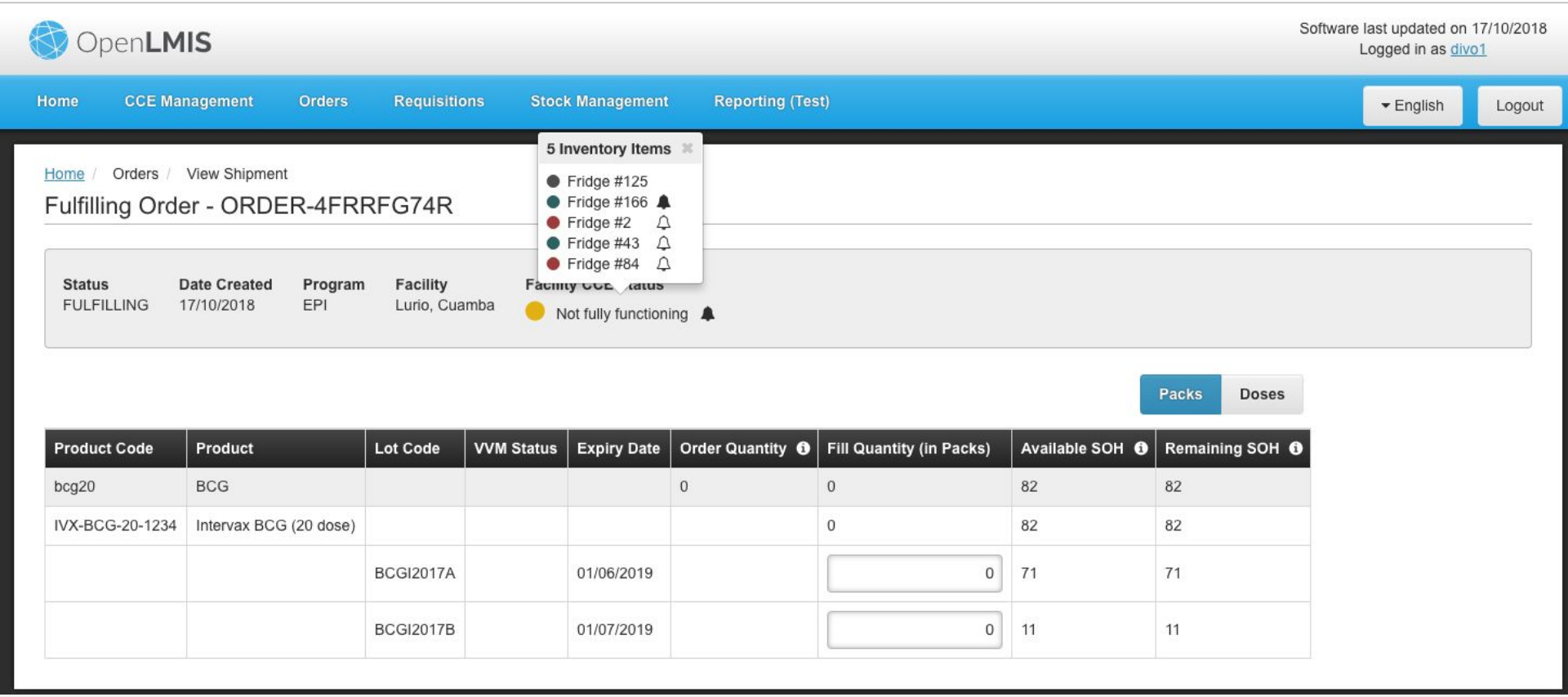
Integrating OpenSRP and OpenLMIS



Remote Temperature Monitoring to OpenLMIS

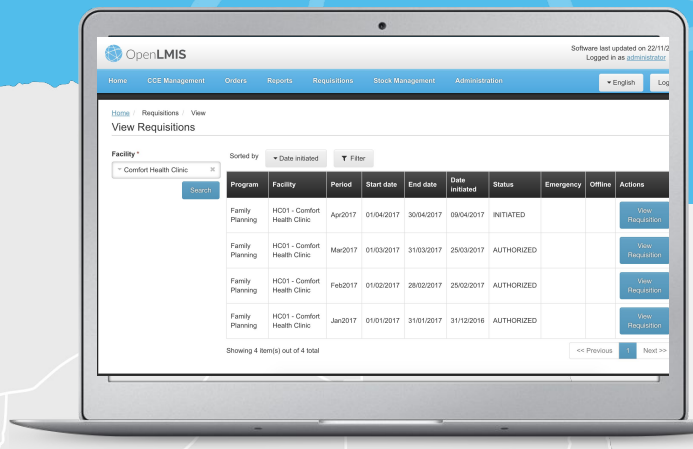


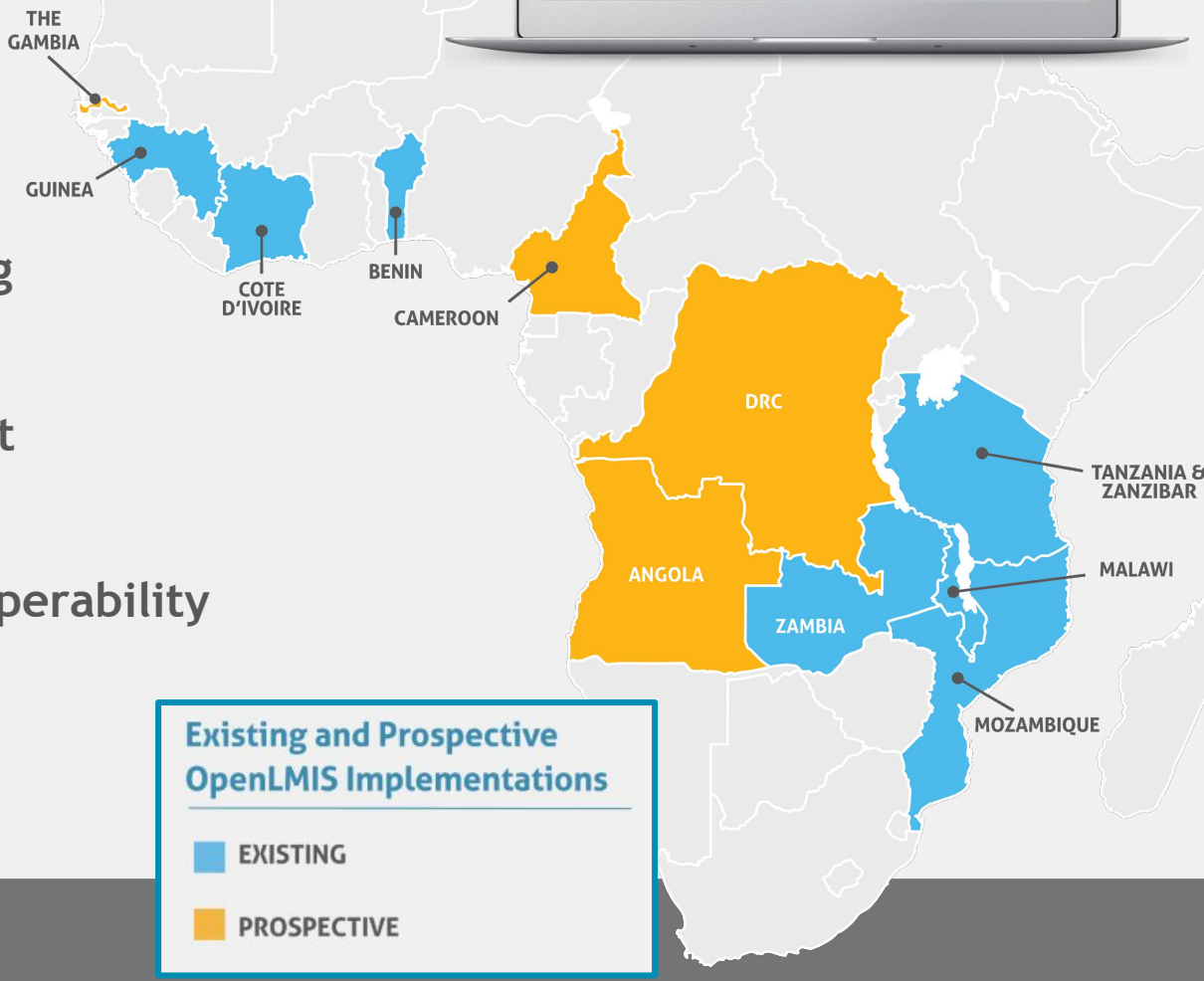
View CCE alarms when issuing stock



What is OpenLMIS

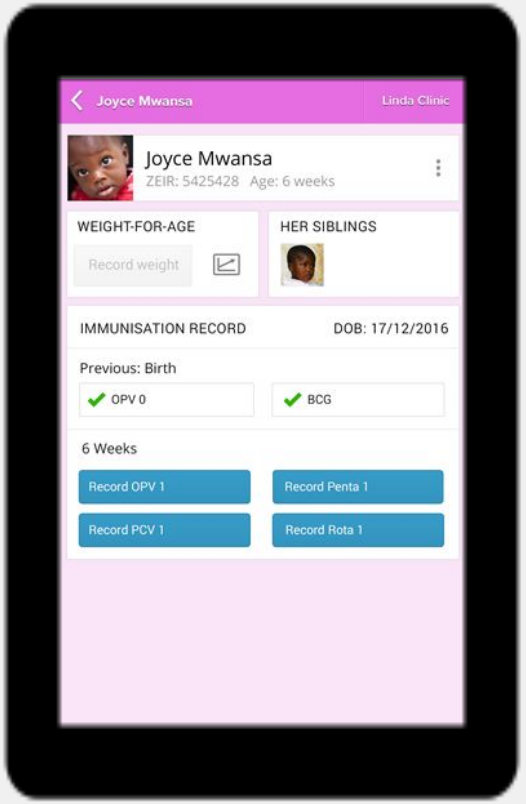
- Multi-level/program
- Fulfillment/Shipping
- Requisitioning/Ordering
- Cold Chain Management
- Standards based interoperability
- Stock Management





What is OpenSRP

- Open source platform
- Focuses on delivering for health workers' needs
- Modular design
- Interoperable with DHIS2, OpenMRS, and RapidPro.



Conclusions

Supply Chains are complex and OpenLMIS, nor any single IT system, will ever manage it effectively end-to-end.

OpenLMIS has a deep well of functionality to help you manage your logistics, however interoperability through best-practice standards is at the heart of what will make OpenLMIS apart of supply chain best-practice.

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