



GHSC-PSM presentation eLMIS Current status

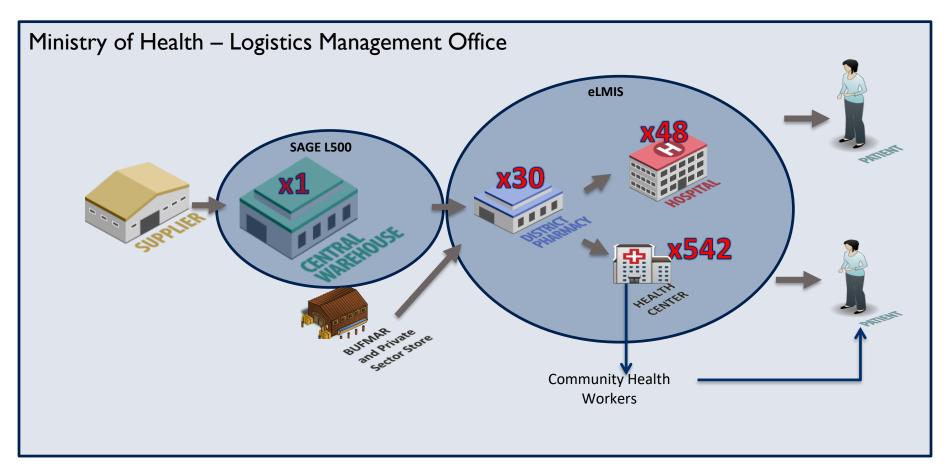
USAID

Max Kabalisa July 10, 2018

PRESENTATION OUTLINE

- I. Rwanda Value Chain
- 2. e-LMIS Background and Benefits
- 3. e-LMIS Implementation timelines
- 4. e-LMIS Process and Operations
- 5. e-LMIS Expected outcomes
- 6. Current e-LMIS Utilization status
- 7. Current System integration status
- 8. Next Step

Rwanda Value Chain



Rwanda Ministry of Health supply chain covers I Public Central Warehouse, I Faith Based Warehouse, 30
 District Pharmacies, 43 District Hospitals, 4 Referral Hospitals, 539 Health Centres, NRL, NBTC and LMO.

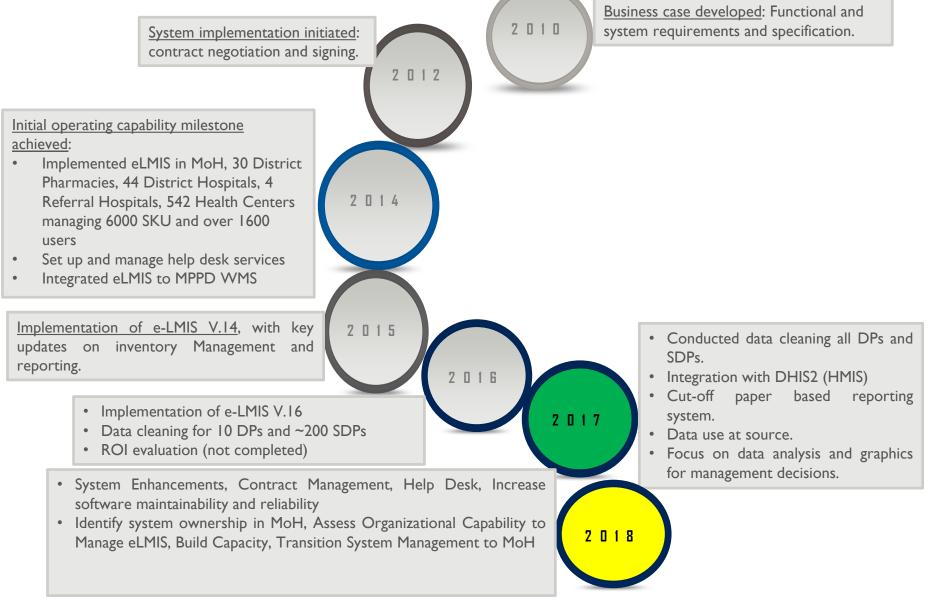
e-LMIS Background

- The Government of Rwanda Ministry of Health (MoH) through the Logistics Management Office (LMO) embarked on a comprehensive vision of improving the supply chain process through strengthening of supply chain forecasting, planning and logistics management.
- This was partly done by acquisition and implementation of the Electronic Logistics Management Information System (e-LMIS)
- It is anticipated that the implementation of the e-LMIS will facilitate the:
 - Integration of the supply chain processes with other business functions
 - Align logistics business-process other to information systems; resulting into delivery of the highest quality products and services at reduced cost, with increased responsiveness to customer needs.
- The e-LMIS will additionally provide quick data access, optimize business process, increase cycle time and improve service delivery, ensuring that patients get their medication on time.

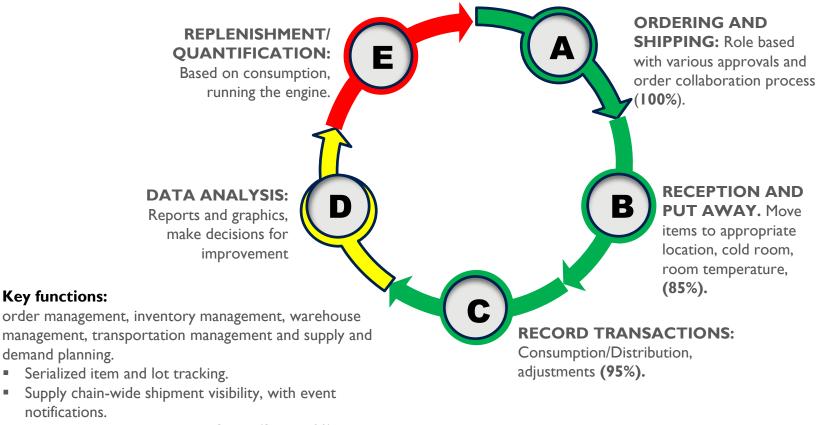
e-LMIS objectives

Key Benefits • Strengthening Supply Chain Processes • Real Time Data Accessibility and Visibility • Data Quality Improvement		
Strategic Impacts	Operational Impacts	Tactical Impacts
 Availability of national and geographical supply chain and logistics data for measuring SC Performance. 	 Reduced Cycle Time for doing some SC activities (e.g. Order processing from 5 days to 1 hour) 	 Availability of SC data, MoH will be able to strengthen supply and demand planning, optimize transportation processes, control inventory costs and
 Capabilities to manage supply chain risks, and improving IT system performance 	Improved efficiencies in capturing consumption and other critical SC data	minimize risks that lead to Stockouts, expiries and wastage.
 Provided capabilities for MoH to standardize SC processes and manage them centrally from a single shared- service location 	 Reduced Level of Effort required to prepare and process orders (Resources reduced from 3 people to I person) Provided capabilities to SC 	 Master Data will be validated for uniqueness and consistency across all the data elements from a single instance.
 Provided sources to capture and analyze logistics data for improved decision making 	 performance enabling MoH make accurate decisions within appropriate timelines Provided end - to -end visibility into operational data on a real time basis 	 Capability to set up and report on KPIs for FP, Malaria, PEPFAR, HIV Programs and Essential Medicine. Integration with Health information
• Full visibility of SC across facilities and make informed decisions.	 Addressed challenges in recalling and quarantine items 	system for visibility and analytics.

Rwanda e-LMIS implementation timelines and support



e-LMIS Process operations



- Integration with existing WMS ERP (Sage L500) and DHIS2 (HMIS).
- 6639 SKU Items

notifications.

Key functions:

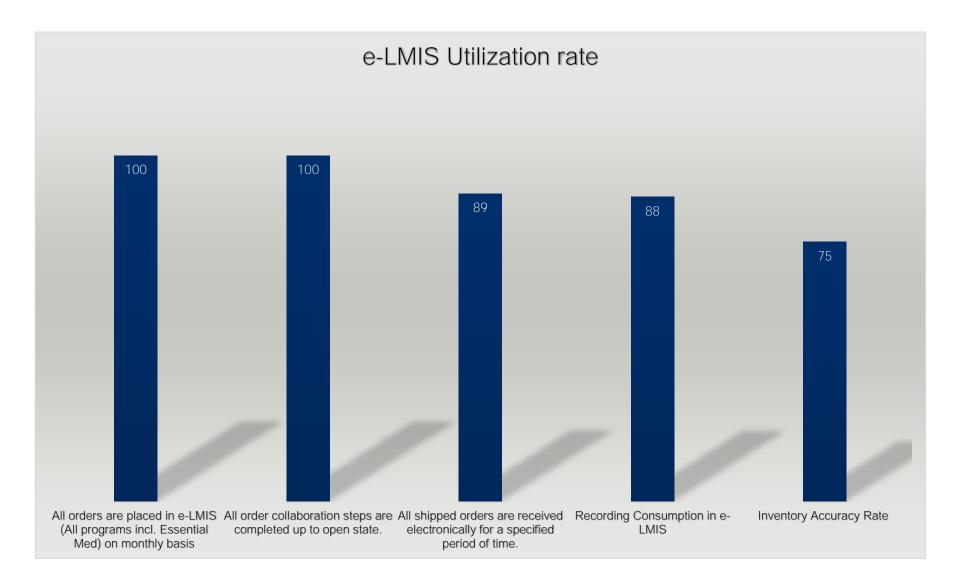
demand planning.

1980 Active e-LMIS Users

Achievements

- Reduction of order processing cycle-time from 5 hours to 45 minutes
- Improve visibility to all supply chain levels within Rwanda
- Improve wastages and expiry management
- Provide realistic information for supply planning and quantification
- Provide easy access to information for audits purposes
- Cost effectiveness for Training Health facility and DPs staff on LMIS
- Reduced workload from 4 people to One person
- Increased time for Patient support: Rational use and counselling.

Current e-LMIS utilization status



Current system integration

- Integrated with MPPD WMS (SAGE L500)
- Currently e-LMIS integrated with DHIS2 (HMIS)
- Potential integrations:
- ✓ Integration of the e-LMIS with electronic medical records
- ✓ Integration of the e-LMIS with the Pharmaceutical Regulation Information Systems (PRIMS)

4. NEXT STEP

- Implementation of Virtual Analytics Network (VAN)
- Implementation of automated order management functions (Replenishment)