

# African Healthcare Network

## Case Study: Rwandan Ministry of Health



### Project at a Glance

- A secure, nationwide healthcare network
- Chain-of-custody ensures integrity of medicine
- Visibility of consumption at the patient level
- Supply chain-wide inventory management
- Serialized item and lot tracking
- Budgeting/Forecasting
- Shipment visibility with event notifications
- Order management and Replenishment
- Reporting, dashboards, analytics
- Integrated with existing WMS, ERP, and HMIS



#### KEY FACTS

- Serves a population of 11.78 million people
- 465 Local health centers
- 43 District Hospitals
- 30 District Pharmacies
- 4 Referral Hospitals
- 3000 SKUs approximately

The Republic of Rwanda's Ministry of Health (MOH) was searching for a way to better manage the end-to-end fulfillment and delivery of medical supplies throughout the country. They chose One Network and South African-based partner Resolve to deliver a solution that is the first of its kind—a nationwide chain-of-custody pharmaceutical supply service for HIV/AIDS medications and other healthcare products for a country-wide network.

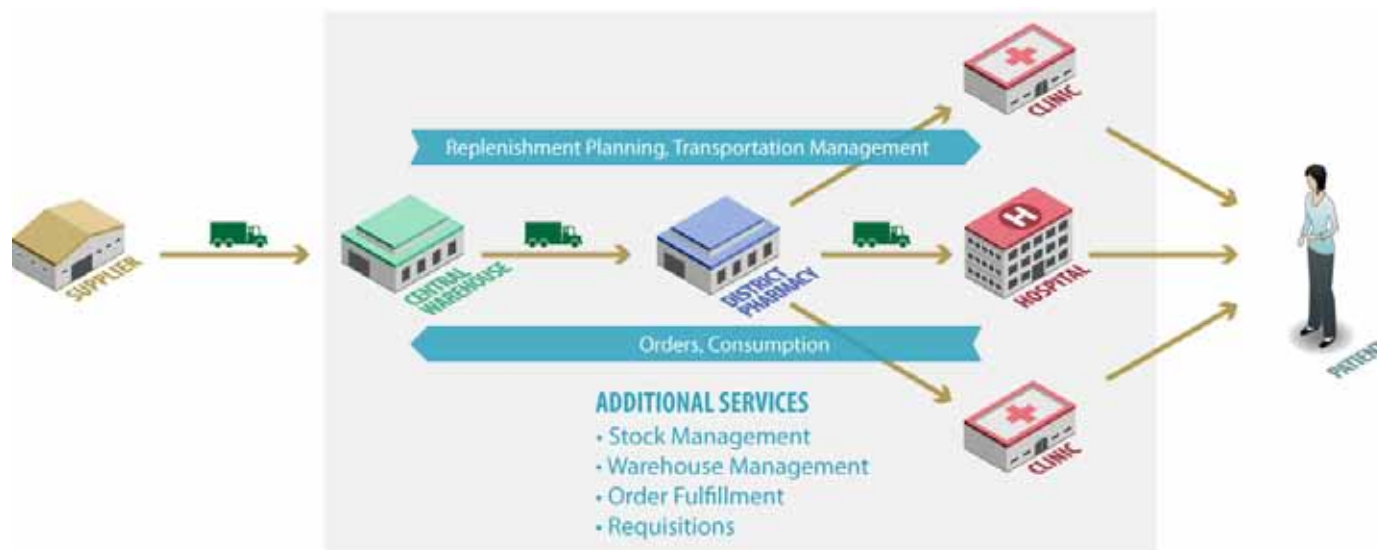


Figure 1: Rwanda's Healthcare Network

## THE CHALLENGE

The MOH wanted to strengthen the forecasting and supply planning and logistics of all HIV/AIDS commodities and other Pharmaceutical and Health Products Management (PHPM), as well as support its programs at hospitals, distribution centers, district pharmacies, and healthcare facilities.

For the MOH, making accurate and timely delivery of critical pharmaceuticals to its people was difficult. The country is highly elevated, its population is predominantly rural, and power and internet outages are frequent. Furthermore the MOH's fulfillment system was largely paper-based and filled with manual processes. The MOH knew that to overcome these challenges, they needed an easily accessible solution, that was easy to implement and deploy, and flexible enough to overcome the challenges of operating within the country.

## THE SOLUTION

Together with One Network and Resolve, and thanks to financial and strategic support from the Government of Rwanda, the MOH has been able to deliver an end-to-end backbone for Antiretroviral HIV/AIDS medications and other healthcare products to its population. The system covers the country's central warehouses, 30 district pharmacies, and approximately 465 local health centers.

The system enables the MOH to manage and track in real time the custody and distribution of medical supplies as they flow from distribution centers, hospitals, and clinics, all the way to the individual patient.

## BENEFITS OF THE HEALTHCARE NETWORK

The MOH has gained unprecedented visibility and control across its end-to-end supply chain while reducing total system cost to deploy, maintain, and support. Other benefits include reduced waste, and improved efficiencies via better supply chain management.

## MORE SOLUTIONS FROM ONE NETWORK

For more information on One Network's Real Time Value Network and healthcare and pharmaceutical solutions, contact One Network.

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