

Mission:

Save lives and improve health by increasing access to quality healthcare for the most underserved communities. VillageReach increases access to quality healthcare by improving the capacity and reach of health systems with an emphasis on the last mile.

Countries of Operation:

USA (HQ), Mozambique, Malawi, Tanzania, Benin, Ethiopia, Senegal, the Democratic Republic of the Congo, Nigeria, South Africa, Zambia.

Clients:

Partnership is a cornerstone of the VillageReach model. Our valued partners – both institutional donors and technical partners – provide critical financial support, capacity and complimentary expertise, empowering our teams to achieve our goals and impact. Key partners include:

John Snow, Inc., Clinton Health Access Initiative, the Bill and Melinda Gates Foundation, the Rockefeller Foundation, ThoughtWorks, PATH, USAID, UNICEF.

Impact:

We measure impact in terms of access to quality healthcare. A primary indicator we use is percent of children fully immunized. VillageReach innovations have led to increased immunization coverage rates in Mozambique; from 69% to 95% DPT3 coverage.

Awards, endorsements, recognition:

2015 Award for Supply Chain Excellence in Global Health in Low- and Middle Income Countries (Global Health Supply Chain Conference)

2013 Gates Vaccine Innovation Award

2009 Tech Awards Laureate

2006 Skoll Award for Social Entrepreneurship for Healthcare Access and Treatment

(not inclusive due to space constraints)

Primary Case:

Developing countries need innovative approaches and robust data to identify and reach the remaining pockets of under-immunized children. Gavi supports the immunization system strengthening efforts lead by countries to help them achieve and maintain high immunization coverage rates.

How will your organization innovate to improve immunization delivery in low-income countries through

*data, information and/or digital technology? This can be delivered through a new product or process or expansion/adaptation of existing. **

OpenLMIS is a global initiative to support the development of shareable, interoperable, open-source software for electronic logistics management information systems (eLMIS). Developed with support from PATH, USAID, Rockefeller Foundation, the Bill & Melinda Gates Foundation, the UN Commission on Life-Saving Commodities and others, key aspects of the OpenLMIS vision are: shared investment and benefit through an open source community; interoperability; scalability/adaptability. OpenLMIS is currently deployed in five geographies across multiple programs and levels of scale (pilot to national).

OpenLMIS supports informed push vaccine delivery in Mozambique, where the software manages supply chain and immunization program data at the health facility level, providing the visibility vaccine program managers at different levels need to report on key indicators, identify supply chain bottlenecks, review program performance, and identify and address cold chain gaps. The provinces using the software have seen drastic improvements in data quality, and no other vertical program in the province has seen this level of data accuracy and quality. The near real-time access to data on a monthly basis has led to vast improvements in both the management of vaccine supply chains (low to no stockouts at facilities, better cold chain uptime, improved delivery schedules) and in the quality of data available. A vaccine management system has also been deployed in Benin based on the success of OpenLMIS in Mozambique.

In Tanzania, OpenLMIS has been expanded from a national level deployment to support routine immunization data collection and stock management nationally, which includes cold chain management, real-time district vaccine stock management, tracking vaccine issues and receipts, routine data collection, vaccine replenishment, and national-level reports. OpenLMIS was initially piloted in Tanzania in 2013, and has since expanded to more than 6,000 service delivery points supporting supplies requisitioning for all programs including malaria, TB, HIV/AIDS, lab commodities, essential medicines, and vaccines.

Currently there is strong global momentum to accelerate real-time data monitoring solutions for immunization supply chains. This illustrates the need for quality, re-usable electronic logistics management information systems which meet the specific requirements of immunization programs. Through ongoing work with immunization information systems in Mozambique, Tanzania, Benin and Nigeria, EPI programs and their partners consistently request the same types of functionality and reporting needed to manage vaccine logistics and program data. These requests include a common need across countries for flexible vaccine data collection tools, a consolidated view of vaccine service delivery and logistics data, cold chain inventory management, vaccine stock management, and a real-time vaccine data collection information system. OpenLMIS is interested in working with partners and interested countries to create a "ready to deploy" solution that leverages the existing platform to support real-time collection of vaccine stock and immunization data. By expanding on the functionality already available in OpenLMIS to create this type of solution, it would be possible to meet the needs of multiple countries at the same time, thereby creating a generic, open source data monitoring system for vaccines that could serve a wide variety of requirements.

OpenLMIS is a strong, adaptable solution that can be expanded and tailored to meet immunization delivery needs, building on previous experiences in multiple geographies. With multi-program capacity, one solution can be leveraged across multiple programs, decreasing total cost of ownership (TCO) and improving sustainability. OpenLMIS is interoperable with different systems at multiple levels, including DHIS2, mobile data collection platforms, and warehouse ERP systems, eliminating data flow bottlenecks throughout supply chain levels. Proven implementations at scale in five countries display both the

adaptability and global applicability of OpenLMIS, while also demonstrating the value of an open source global health information system solution for supply chain and program integration. The existing platform of OpenLMIS is a proven, flexible solution with high potential for scale and adaptation to real-time data monitoring needs.