Data Visibility for Improved Immunization Supply Chains

OpenLMIS is a powerful, open source, web-based electronic LMIS system.

OpenLMIS automates LMIS processes throughout the entire supply chain, reducing the burden on health workers and improving data accuracy.

OpenLMIS was designed by a community of global supply chain experts who believe in working together to solve common challenges.

**Country-Driven.**
OpenLMIS is based on detailed requirements developed by multiple ministries of health.

**User-Centered Design.**
Designed with user input to respond to on-the-ground needs.

**Flexible.**
Adaptable to a country’s specific supply chain needs - easily turn on and off features to meet a country’s needs.

**Open Source.**
Non-proprietary solutions empower countries to own, customize, extend and manage their electronic LMIS, providing shared investment and reduced up-front development costs.

**Interoperability**
Through API-driven interoperability, OpenLMIS works with a country’s existing Health Information System to increase supply chain efficiency.

**OpenLMIS = Informed Decision Making**
- Improves Data Accuracy
- Improves Data Timeliness
- Increases Accountability
- Increases Data Visibility

**The Community**
The OpenLMIS Community is a unique group of highly skilled partners working toward a shared goal and extending the reach of OpenLMIS globally.

The Community provides ongoing direction to product development and support to existing implementations, ensuring that the software is up-to-date and meets the more requested needs of users in the field.
OpenLMIS Version 3 Series

OpenLMIS version 3 is the most recent version of OpenLMIS, built with an all-new microservices architecture that better supports customization and extensions. With the new architecture, OpenLMIS can be deployed in multiple geographies without forking, allowing the software to maintain a single global codebase.

The concept increases the return on investment for countries and financing partners alike, demonstrating OpenLMIS’s commitment to “shared investment, shared benefit.”

Version 3 Features and Functionality

OpenLMIS version 3 represents a leap ahead in the software, including new features and functionality that meet the most-requested needs of users.

<table>
<thead>
<tr>
<th>Requisitioning</th>
<th>Fulfillment</th>
<th>Stock Management</th>
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<tr>
<td><strong>CURRENT</strong></td>
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<td>Highly configurable, approval hierarchies for requesting new stock and reporting stock-on-hand, offline data capture.</td>
<td>Ability to view and export orders to external systems for fulfillment.</td>
<td>Manage stock and vaccine transactions for your facility. View stock-on-hand conduct a stock count, record wastage, adjustments, receipts, and issues.</td>
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<tr>
<td><strong>UPCOMING</strong></td>
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<td>View budgets, including price schedules, budget information import and viewing.</td>
<td>Local fulfillment - fulfilling orders created within the OpenLMIS system.</td>
<td>Receiving stock requested through a requisition in OpenLMIS.</td>
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OpenLMIS Vaccine Module

Through ongoing work with immunization programs in multiple countries, OpenLMIS has heard consistent requests from EPI managers and partners regarding the functionality and reporting needed to manage an immunization supply chain. These requests include a common need for flexible vaccine data collection tools, a consolidated view of vaccine service delivery and logistics data, cold chain inventory management, and vaccine stock management.

To meet this need, the OpenLMIS Community is developing vaccine-specific functionality to complement the existing system and improve data reporting and analytics throughout the immunization supply chain.

- **Stock Management.** Captures inventory data and stock movements to provide an overview of full stock availability. Record vial wastage and VVM status.
- **Cold Chain Equipment.** OpenLMIS captures cold chain equipment inventory, functional status, and temperature status.
- **Requisitions & Allocations.** Supports push, pull, and mixed supply chains and the processes required for each.
- **Forecasting.** Update and input annual forecasted needs, at sub-national levels, to inform reorder and resupply quantities.