



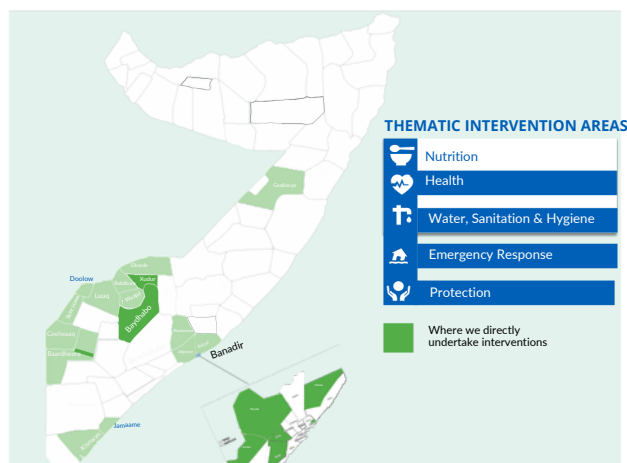
BACKGROUND

The CaafimaadPlus consortium is implementing an Integrated Emergency Life-saving Support project for Health, Nutrition, Protection, and WASH for vulnerable populations affected by conflict, displacement, natural disasters, and disease outbreaks in South Central Somalia. The project focuses on sustainable, practical strategies to deliver essential services to underserved, hard-to-reach communities.

The consortium consists of five international and four local humanitarian organizations, led by Action Against Hunger, and works with Concern Worldwide, Trocaire, International Medical Corps, and SOS Children's Villages as the international partners.

The local partners are Juba Foundation, Lifeline Gedo, Youth-Link, and Shabelle Community Development Organization (SHACDO). The program currently operates across 23 districts in seven regions in South Central Somalia.

WHERE WE WORK IN SOMALIA



Consortium Members



CAAFIMAADPLUS DATA DIGITALIZATION SYSTEM (C+DDS)

FROM MANUAL APPROACH TO DIGITALIZED SYSTEM

To moderate the challenges arising from the current largely paper-based reporting system—including issues with data quality, beneficiary follow-up, data security, privacy, data analytics, and management decision-making efficiency—the consortium has partnered with Ogow Health to develop the CaafimaadPlus Digitalized Data System (C+ DDS).

The consortium proposed implementing this system in two phases. The first phase started with needs assessment, system development, piloting, end-user training, and a phased rollout to facilities and mobile units. The second phase entails system advancement, including SMS and voice reminders for patient appointments, specifically for child immunization and ANC visit reminders. This phase also includes interoperability with the Pharmaceutical Information Management System (PIMS).

Effective pharmaceutical supply chain management can significantly contribute to the reliable availability of essential medicines and their rational use. Poor management often results in waste. Therefore, good supply management is crucial to the cost-effectiveness of providing medicines and medical services. Health workers need a system that assists them in managing inventory efficiently.

Data from the C+ DDS will be visualized in a dashboard for use at the facility, district, partner, and consortium levels. Generated data will be analyzed and compared with set targets, disaggregated by age, gender, and disability status. This will enable real-time tracking of indicators to monitor progress against established targets, informing program performance. Finally, the system will seamlessly push data to the government DHIS2 in real-time or near-real-time.

KEY FEATURES OF DATA DIGITALIZATION SYSTEM



User-Friendly Interface

Designed for ease of use, allowing health workers to navigate the system efficiently, regardless of their technological proficiency.



Real-Time Data Entry

Enables immediate recording of patient information, ensuring that health data is current and reflective of ongoing activities.



Integrated SMS and Voice Reminders

Sends automatic reminders to patients regarding appointments, immunizations, and essential health services, thereby improving adherence and follow-up rates.



Multi-Language Support

Available in both Somali and English, accommodating the diverse linguistic needs of users across the region. Management of medications and supplies, reducing waste and ensuring availability.



Data Visualization Dashboard

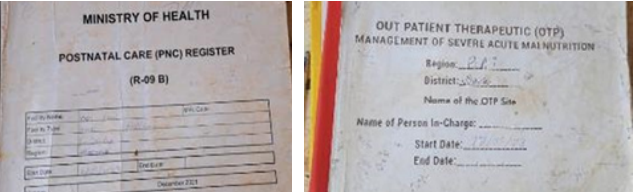
Provides graphical representations of health indicators and metrics, facilitating better understanding and monitoring of health outcomes at various administrative levels.



Interoperability with Pharmaceutical Information Management System (PIMS)

Allows for seamless integration with existing pharmaceutical systems to ensure effective management of medications and supplies, reducing waste and ensuring availability.





C+DDS: PHASE 1- PROCESSES AND MILESTONES (DEC 2023 - SEP 2024)



C+DDS ACHIEVEMENTS

37 facilities are live so far

A Google Play Store app is relaying data to a central dashboard and is now in use.

Real-time data is available for decision-making by managers at all levels.

The system tracks live data on health facilities, staff attendance, services offered, and daily clients served per health worker.

After the pilot phase, a stable system is ready for the project and will align with the project ITT over time.

An Android app is usable in remote areas with basic smartphones.

It integrates with PIMS, MOH DHIS2, and ERP to track real-time service data against commodity consumption.

SMS and voice reminders can enhance access to services, especially immunization and ANC.

Importance of change management



PHARMACEUTICAL INFORMATION MANAGEMENT SYSTEM (PIMS)

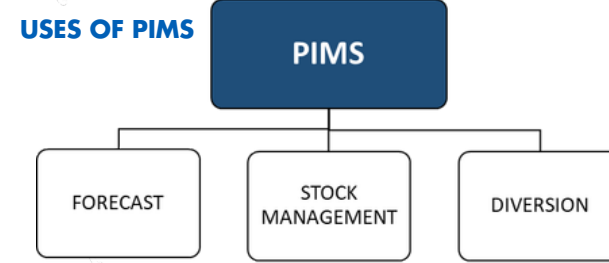
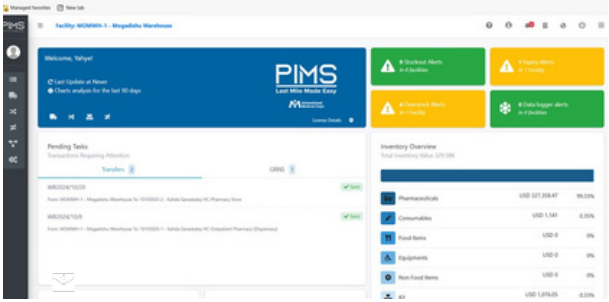
By International Medical Corps (IMC)

International Medical Corps' Pharmaceutical Information Management System (PIMS) is an innovative solution that can help manage pharmaceuticals at the last mile of the supply chain. PIMS comes with a set of modules that address the end-to-end planning and management of pharmaceuticals—from the in-country central warehouse to the regional warehouses and health facilities, to the end- user.

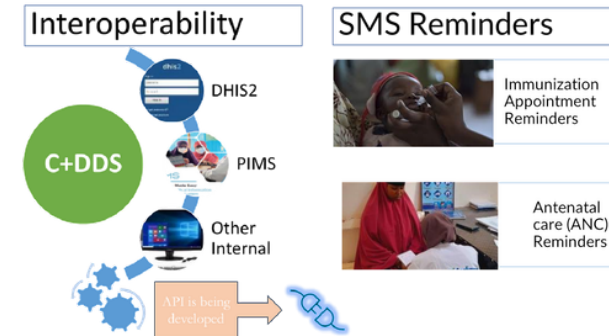
PIMS was developed and designed in humanitarian settings, tailored to fit different contexts. In environments where access to a computer may be difficult, pharmacists can be equipped with handheld devices that run PIMS, to dispense medicines.

OBJECTIVES OF PIMS

- Forecast:** To accurately predict future pharmaceutical needs based on historical data, usage trends, and seasonal variations, ensuring timely and adequate supply to health facilities.
- Stock Management:** To optimize inventory levels through real-time monitoring, minimizing stockouts, overstock, and medication expiry while ensuring efficient distribution across the supply chain.
- Diversion:** To implement measures that prevent unauthorized access or misuse of pharmaceuticals, ensuring that medicines are used appropriately and ethically within health facilities.



SYSTEM FUNCTIONALITY ENHANCEMENT



CONTACT INFORMATION:

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