

Woman's Health



Introduction

The global public health community has prioritized maternal, new-born and child health (MNCH) in order to eliminate poverty and health disparity in low and middle-income countries (LMICs). This global commitment to MNCH outcomes is reflected in the three health-related Millennium Development Goals (MDGs) officially established by the United Nations in 2000:

- ✓ Reducing child mortality rates (MDG 4)
- ✓ Improving maternal health (MDG 5)
- ✓ Combating HIV/AIDS, malaria and other major infectious diseases (MDG 6)

There are still significant obstacles and gaps in achieving improved outcomes for women and children. The international community in partnership with involved humanitarian organizations must develop innovative solutions to remove such obstacles.



Who we are

Greenmash designs, deploys and supports innovative technological solutions to help global health organizations meet and exceed these very important goals. The Mango mobile application platform was conceived and developed to specifically address health issues in sub-Saharan Africa and has already been successfully deployed across multiple African countries.

We build and deploy robust, scalable, affordable and simple technology solutions for programs in need of reliable medical information systems. Our technologies are designed to be flexible, easy to use and easy to support in isolation or when integrated into existing systems such as DHIS2.

We have helped thousands of healthcare experts across a range of health areas including malaria, HIV/AIDS, TB, neglected tropical diseases, maternal and child health, nutrition, family planning and reproductive health. Our aim is to optimise health data collection and reporting accuracy, and in turn improve decision making.

The mango platform for MNCH

Mango provides a number of technology components which can be included in an overall technology strategy. Mango is designed to strengthen health information systems and help improve program performance management.

A lack of regular and reliable data can seriously hamper the effort to improve health services for women. Mango enables health professionals and program managers to get the information they need when and where they need it even from the most extreme rural areas. Additional capabilities can be easily added using the suite of Mango modules.

Some of the benefits of mango for MNCH include:

- ✓ Reduced administrative costs, increased supply chain efficiency and improved targeting allows more beneficiaries to be reached using fewer resources.
- ✓ Health services uptake can be incentivised through e-Vouchers which both ensure care is received at the optimal time (e.g. vouchers valid only during pregnancy or within an infant's first year) and support local economies by ensuring regular, reliable and variable payments for services.
- ✓ Proven increases in health services uptake and availability along with reduction in fraud cases after implementation of mango technology. ►

“Mango – designed for information health systems, while improving the effectiveness and reliability of health programs.”

- ✓ All menus, content and reports can be fully localized for local language preferences.
- ✓ Data flows and operational processes can be completely customized according to ground-level needs.
- ✓ Simplified data reporting, transparency and interpretation.
- ✓ Fully auditable transaction chain is available in real-time through mango reporting.
- ✓ Collect data from a wide range of inputs including online and offline data collection using 'smart' devices, SMS messages, web forms and more.
- ✓ Integrate with other complementary systems including integrated voice recognition (IVR).
- ✓ Simplify programme monitoring and evaluation through regular automated reports delivered via email, SMS or onscreen.

Mangos core benefits for MNCH:

	 Empowering women	 Better health care service	 Cross Platform
	by enabling them:	by providing:	Supporting:
✓	to be clients of mhealth services	Training	MNCH
✓	to have greater access to essential services through referral and voucher systems	QA surveys	HIV /AIDS
✓	to have their voices heard through data collection surveys	Client case management	TB and Malaria

Key areas we address:

- ✓ Giving visibility to appropriate treatment rates according to testing and treatment protocols.
- ✓ Improving the efficiency and effectiveness of supply chain management across all needed medical commodities such as FP, anti-malaria, and Safe Water products etc.
- ✓ Improving and linking monitoring, communication, and evaluation activities across clinics, regions, and health programmes – in order to improve and facilitate case and client management.
- ✓ Increasing the quality and efficiency of services among health care providers, while providing simplified tools to monitor and evaluate health programmes.
- ✓ Improve trade channel efficiency to reduce stock outs, while streamlining logistics and order generation.
- ✓ Better training and supervision of staff in the detection and treatment of health issues, through supply of job aids and decision tree based support.
- ✓ Ensure timely and accurate information is delivered to health care providers, in a simple and easy-to-understand format that facilitates public health interventions.