Who we are

Greenmash designs, deploys and supports information management solutions in regions of the world in critical need of reliable medical information systems.

An experienced and trusted technology partner for the world's leading global health organisations – Greenmash has successfully deployed dozens of localized and region-wide technology solutions, which have provided dramatic improvements to healthcare quality and service availability.

Greenmash is working with programs across sub-Saharan Africa with multiple partners including UNFPA, CHAI, Presidents Malaria Initiative, WHO, USAID, SMS for Life, PSI, SightSavers, Swiss TPH, Liverpool School of Tropical Medicine, Ifakara Health Institute and The Global Fund.

We have helped thousands of health experts across a broad range of critical health areas – including malaria, HIV/AIDS, TB, neglected tropical diseases, maternal and child health, nutrition, family planning, and reproductive health among others.

What we do

Greenmash's technology services include a broad range of healthcare information management solutions, which are built using the Mango application platform and can be extended with the open standard Application Programming Interface (API).

Systems built on mango are designed to be quickly deployed anywhere in the world, and then easily and affordably maintained even at the local level. Such systems can be built and supported in isolation, or integrated within existing systems such a DHIS2.

The core functionality of mango can be easily extended using our growing suite of specialized modules. The Mango open API allows developers to customize mango modules or develop their own modules including supply chain management, demand forecasting, e-voucher administration, and much more. Utilizing the open API allows anyone to customize or develop their own modules.

Key features provided by the mango platform and open API:

✓ All system content including menu items, labels, reports and charts can be localised (including menu items, labels, reports, charts etc.)

✓ Collect data from a wide range of inputs both on and offline. Includes options for smart devices, basic feature phones, SMS. USSD, web forms and scanned images.

✓ Robust reporting tools to create the exact picture needed for a specific purpose.

✓ Integrate with other complementary systems – including interactive voice recognition (IVR), mobile money providers, DHIS2 and other MIS applications.

✓ Deliver timely reports via email, SMS, or via any computer / device screen. ▶

> " *We have helped thousands of health experts across a broad range of critical health areas – including malaria, HIV/AIDS, TB, neglected tropical diseases, maternal and child health, nutrition, family planning, and reproductive health.*"

How we do it

Our aim is to optimise data collection and reporting accuracy and simplicity. We deliver fast and accurate information to support informed decision making to improve program management. This means:

✓ Ensuring key health commodities are always available.

✓ Maintaining optimal inventory levels preventing stock-outs and other distribution inefficiencies.

✓ Streamlining supply chain and distribution networks as much as possible.

✓ Ensuring medical care is quickly provided to those who need it most.

✓ Improving the overall health standards for the entire mandated health zone.

Achieving these goals reduces administration costs and improves efficiencies so that more people can be helped while using fewer resources. These ideals form the core of Greenmash's technology design and architecture approach.

Key benefits provided by the mango platform:

✓ Highly robust and scalable architecture, designed to be easily maintained in developing regions.

✓ Gain visibility into health programme progress, treatment rates, health service uptakes, and interventions among key target groups.

✓ Improve communication and monitoring activities – including patient progress checks, facility status updates, and detection and treatment of health issues.

✓ Improved decision making based on optimised data collection and reporting accuracy.

✓ Proven increases in health services uptake and availability.

✓ Significant reduction in fraud cases.

Average deployment time for mango system: **3 months**
Average training time for new user: **½ day**

Some of our recent successes:

✓ Successfully deployed a national scale multi-program mhealth intervention in Cameroon with partners including UNFPA, GIZ, CHAI, NMCP, RBM, Sightsavers and PSI.

✓ Implemented a scalable intervention system using SMS support, to improve coverage of birth and death registration in Tanzania. Initial results showed registered birth events increased by 209%, while registered death events increased by 550%.

✓ Completed mango deployments for PSI in Tanzania, DRC, Cameroon and Somaliland addressing a wide range of health issues including MNCH, FP, RH, HIV/AIDS and Malaria, with the goal of improving supply chain management, inventory monitoring, and health status reporting across entire health areas.

✓ Completed mango deployments across multiple African countries, to support the global MNCH initiative as described in the UN Millennium Development Goals.

✓ Implemented "SMS for Life" program in sub-Saharan Africa to alleviate stock-outs of malarial treatments at the health facility level. The initial rollout included 11 districts in Kenya and Ghana, and incorporated 183 health facilities.

Collect data from a wide range of online / offline inputs – including 'smart' devices, feature phones, SMS messages, electronic / paper forms, and much more."

greenmash.com