

Let's Stop HIV!



Greenmash mHealth solutions Helping in the fight against HIV/AIDS

The HIV/AIDS pandemic

The HIV and AIDS pandemic is among the most serious health issues of the modern age. An estimated 2 million people become newly infected with HIV per year, with 95% of new cases coming from low and medium income countries.

1 in 4 people in Sub-Saharan Africa are currently living with HIV or AIDS. By 2025, it is estimated that between 90 and 100 million people will die from AIDS-related complications in this region. While improvements have been made in a number of key areas, the fight to provide effective treatment and education for the majority of those at risk is far from over.

Source: WHO, UNAIDS, and IAVI.

What is Greenmash doing to help?

We partner with organisations that need to build complex monitoring, surveillance, and performance evaluation systems. Our core product is the Mango platform, which is especially suited for connecting thousands of facilities in areas with limited or poor quality communications infrastructure.

Mango technology currently powers dozens of national healthcare programmes around the world – helping health professionals tackle HIV/AIDS, malaria, NTDs, and other serious public health issues.

Practical mHealth technology

Mango is designed to operate sustainably in any environment, including areas where existing communications infrastructure is of limited or poor quality. This makes Mango-powered solutions especially practical in low resource settings.

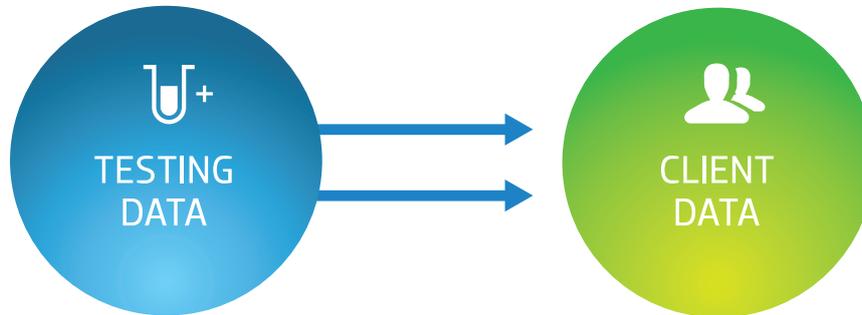
Advantages of the Mango platform:

- ✓ Can be quickly scaled up from a pilot programme to a nation-wide solution.
- ✓ Data collection and reporting is unaffected by network downtime.
- ✓ Wide variety of data collection tools – including SMS, USSD, mobile apps, and digital forms.
- ✓ Track millions of data points, including unlimited user and case registrations.
- ✓ Automated and regularly scheduled surveys to collect data.
- ✓ Automated alerts, notifications, follow-ups, and escalations as needed.
- ✓ Built-in real-time data validation checks and error reporting.
- ✓ Real-time reporting with highly granular search and filter tools.
- ✓ Include a referral system with built-in fraud prevention protocols.
- ✓ User training can normally be covered in a 1-day workshop.
- ✓ Fully customisable and extensible, and can be supported using local developers.
- ✓ Add an incentive and rewards system (including eVouchers).
- ✓ Add demand forecasting for all commodities. ▶

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Aggregated Data



Collecting, monitoring, and evaluating HIV/AIDS data

Mango quickly provides more visibility into your operations, so you can accurately evaluate the effectiveness of your health programmes. Mango provides the tools to quickly gather the data you need, while automated reports and alerts enable you to respond faster and make better decisions.

Test Level Data management

HIV testing is a critical component of an HIV prevention programme.

- ✓ Collect data from all administered tests and testing events.
- ✓ Ensure that results are reported as a single event, regardless of whether multiple tests are involved, especially if multiple programmes are involved.
- ✓ Ensure appropriate follow-ups according to programme specifications.
- ✓ Ensure all data variables are included (and required) according to guidelines.

Client Level Data management

End-to-end tracking of HIV-positive patients help ensure that appropriate treatment is provided, and minimizes the impact of HIV-related health issues.

- ✓ Create a patient record at the first point of contact, and assign unique identifiers to each patient.
- ✓ Ensure that client records can be shared across multiple data management systems (e.g. DHIS2) using standardised methods that ensure data integrity.
- ✓ Ensure that patient records can be linked to any programme enrolments or interventions, and any referrals for services, whether patient uses one programme or multiple programmes.
- ✓ Use multiple client records if the client receives services paid by different programme announcements, and record these services under that programme announcement.

- ✓ Ensure that patient records are regularly updated.
- ✓ Include loss-to-follow-up protocols when appointments are missed.
- ✓ Include options to record missing data e.g. question not asked, declined to answer etc.

Aggregate Level Data management

Evaluating the performance of your health programme at a high level is crucial for demonstrating effectiveness, and justifying new budgets and current spend.

- ✓ Include key performance indicators and targets based on aggregated data e.g. total # of HIV risk reduction materials distributed to target population per month.
- ✓ Include instant alerts when a key performance area reaches threshold e.g. email is automatically sent to district manager when stocks of antiretrovirals go below minimum threshold.
- ✓ Automatically generate and regularly deliver performance reports to key stakeholders.
- ✓ Include demand forecasting system to reduce availability issues.

Proven solutions in the field

Mango is proven to deliver excellent results. If you are interested in finding out more about some of our solutions and the kind of results they produce – ask us for a copy of our case studies.

You can use Mango technology to create your own mHealth solution, or alternately we can design and build the solution for you as a technology partner. Either way, you maintain complete ownership of your solution, and we are always available to provide you with any needed support at any level.

Ask us today how using Mango can help improve performance management for HIV/AIDS programs.