

Introducing e-Vouchers

Greenmash e-Vouchers are electronic vouchers that can be created, distributed, redeemed and tracked entirely within the mango platform. These vouchers can be inexpensively distributed en-masse to targeted beneficiaries using SMS allowing recipients to quickly access available programs and services via direct subsidy.

Key benefits of the e-Voucher solution:

- ✓ e-Vouchers can be redeemed at any mango registered facility that has access to a mobile network.
- ✓ e-Vouchers can increase the uptake of programs and services.
- ✓ Reduced administrative costs and improved targeting means more beneficiaries can be reached.
- ✓ individual vouchers are linked to beneficiaries within Mango using a combination of unique identifier and mobile phone number. This dramatically reduces opportunities for fraud compared with paper based systems.
- ✓ e-Voucher offers and values can be precisely customised and personalised according to individual, facility and regional needs whilst accounting for health programme characteristics and resource availability.
- ✓ The enforced validity period encourages participation when benefits are optimal for the client: for example within the first few months of pregnancy or during an infant's first year.
- ✓ Participating facilities receive regular, reliable and verifiable payments using e-Vouchers which incentivises participation and supports local economies.
- ✓ Reduced payment lifecycle as funds are automatically set aside to honour vouchers which further improves availability of funds and reduces fund management efforts.
- ✓ No printing costs, low distribution costs, instantly procurable and unlimited availability.

How it works

Greenmash's e-Voucher module for the mango platform is a vertically integrated transaction-processing solution that links providers, suppliers and beneficiaries into a unified end-to-end electronic voucher distribution system.

The module works by enforcing pre-defined operational business rules within the voucher distribution hierarchy and as such it intentionally mimics the traditional paper voucher process. This gives application coordinators more control over their distribution strategy than would be available using traditional physical vouchers, yet also greatly streamlines the whole process while reducing financial liabilities.

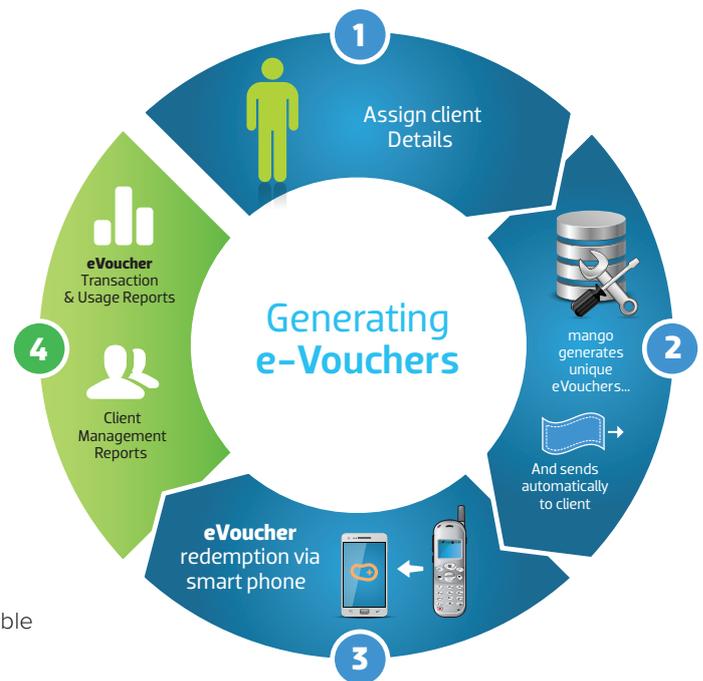
Mango can process vouchers across multiple programmes and devices, whilst applying the operational business rules for individual programmes and calculating the needed payments and expiry dates in real-time. Application coordinators and administrators maintain total transparency and control over the distribution network ensuring efficient and effective coverage across their entire distributor base. ▶



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Key features of the e-Voucher module for mango:

- ✓ Facilities receive reliable monthly bank transfer payments for all approved and redeemed vouchers.
- ✓ Easily Integrated with mobile money payment systems for added services such as transportation
- ✓ Service managers can access a rich set of data tools to track voucher creation, redemption, service availability and uptake.
- ✓ Multiple user interfaces and communication channels including SMS, USSD, Smart devices and Web forms allow greater flexibility for the end-user.
- ✓ Facility data can be automatically uploaded prior to voucher redemption.
- ✓ Individual vouchers can be linked to specific products, locations, programmes and beneficiaries.
- ✓ Voucher values can be defined precisely according to location and / or programme.
- ✓ Fully auditable transaction chain is available in real-time through mango reporting.
- ✓ Reports to monitor and analyse voucher usage data available in real-time through mango.
- ✓ Reports to monitor and analyse beneficiary usage data is available in real time through mango.
- ✓ Dynamic real-time control over quantity and value of vouchers.
- ✓ Can be integrated with complimentary systems including DHIS2 i.e. becoming part of a complete management information system from the field to the national level.



Who we are

Greenmash is a trusted technology partner for global health organisations. Our services include a range of ready-made healthcare information management solutions that can be quickly deployed anywhere in the world on a national or regional scale. Our mango platform was conceived and developed to address health issues in sub-Saharan Africa and has already been successfully deployed across multiple African countries.

What we do

We build and deploy robust, scalable, affordable and simple technology solutions for regions 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 core health management information systems.

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.