

# mHealthNomads Mobile App .

Enable community health volunteers acquire access to relevant information and gather information using just a mobile phone



## Address

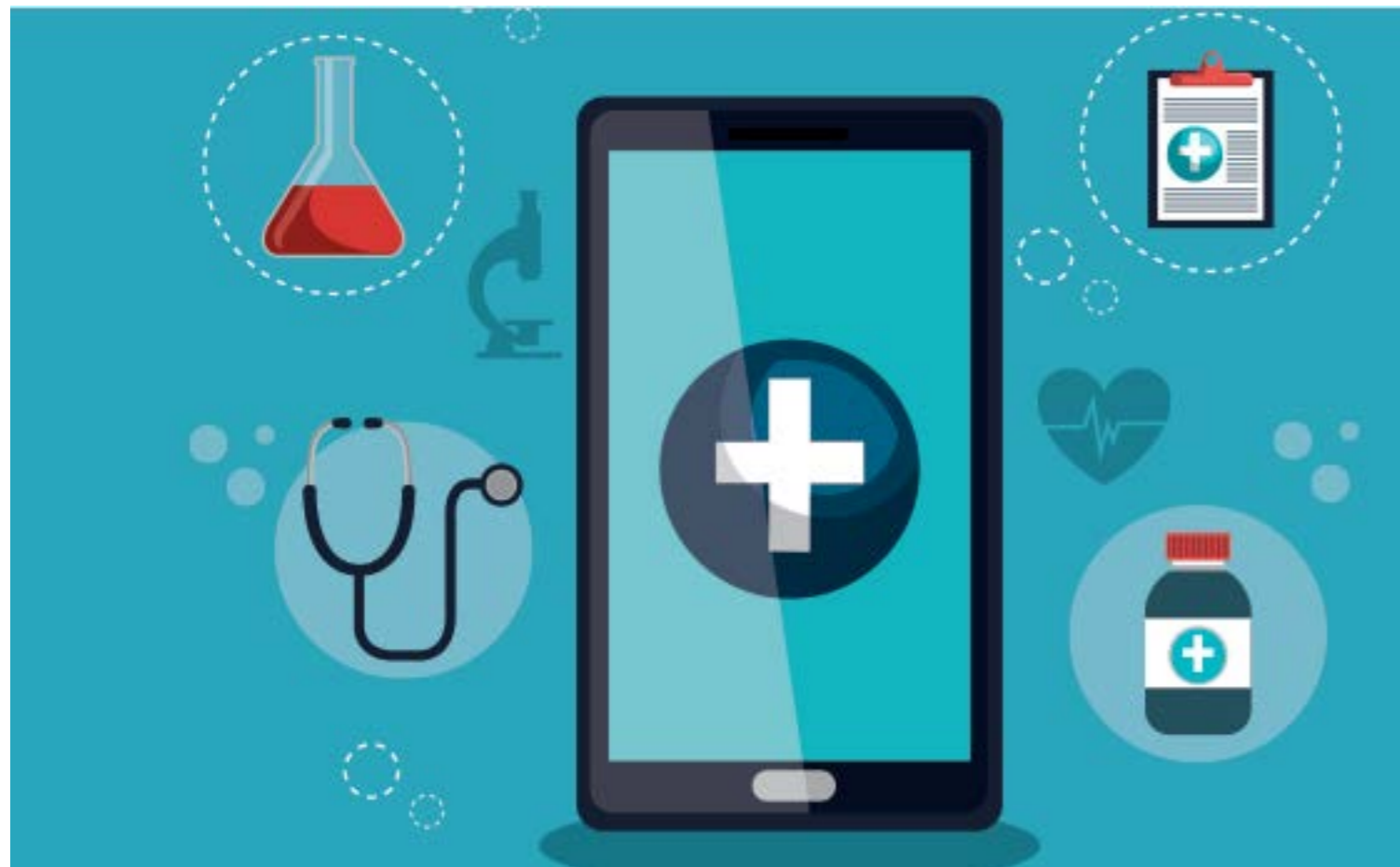
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# Product Overview



## Challenges

Health tools are quite manual in most of sub Sahara Africa. In Kenya, almost all first-level community health interventions are using paper-based booklets to service their communities. The many challenges experienced by the use of paper-based community health interventions keeps begging for a solution that is affordable and adaptable to the need of the local communities.

The availability of the Internet has brought significant changes to health services. The ability to download medical apps on mobile devices has made a wealth of mobile clinical resources available to community health volunteers.

## Product Overview

mHealthNomads is a mobile health service application by DewCIS that helps automate critical community health intervention at the point of care. The application enables community health volunteers (CHV) who often work in the field to have secure access to all of the relevant information they need and gather information using just the mobile phone

mHealthNomads is a uniquely customizable mobile platform with applications ranging from data collection, decision support, reviews and followups at the point of care. In Kenya, we have automated several ministry of Health documents including MOH100, MOH512, MOH513, MOH514 and MOH515.



# Features of mHealthNomads



## Apps Locker

Being that the mobile phones are in the custody of community health volunteers (CHV) the likelihood of abuse is quite real. To address this situation, mHealthNomads employs a locking mechanism on the phone with the ability to shut off all other applications. In this way, the solution will have the ability to conserve bandwidth, minimize costs and optimize the use of the handsets to only further the course of the intended programme.



## Poor Network Coverage

It is common to find that in some locations in sub Sahara Africa, there is no adequate mobile network coverage. To work around this problem, mHealthNomads is designed to use "stateful forms", which allows for data entry and temporal storage on the mobile handset where there is no network coverage and then send the information as soon as the network coverage is restored. In this way, data is not lost and the community health volunteers (CHV) work is optimized



## Geo-Location Support

Another key feature in mHealthNomads application is the ability to pin point and record the exact geolocation of where the survey is carried out. This is critical information that can be used in myriad of ways including export to a GIS, dispersion of community health volunteers (CHV), disease prevalence, and for improved service delivery.



## Real Time Data Collection and Processing

The collected information is submitted in real-time to a backend server hosted in the clouds. The information is accessible from any web browser for analysis and reporting. The application also supports export to csv (Excel), pdf formats



## Adaptable and Extensible Platform

The solution is presented in a simple and user-friendly platform making it usable by any one with limited education. The platform is multilingual to support various local languages to encourage acceptance and adoption. Build on open standards; the solution is easily integrated with 3rd party platforms and flexible enough to be migrated into other mobile platforms including iOS, windows phone and others.



## Workflow Support

Other functions inbuilt in the application include a workflow process for form review, form application, form approval and form rejection for redo. The specific rejected forms are automatically redirected to the responsible CHV mobile phones quoting the reference number and indicating the reason for rejection to facilitate correction and re-submission



# Benefits of mHealthNomads



Labour savings by replacing manually intensive tasks by automation



Improve quality and consistency of data that can be used to provide reliable medical records for decision support



Reduced wastage in paper based resources and duplication of work during data entry



Increased predictability of outcomes resulting from adherence to standardized care path supported by automation to achieve predicted outcomes and further interventions



Automation will help community health volunteers to achieve higher throughput because of faster information transmission which allows for more visits



# About Dew CIS Solutions



**D**ew CIS Solution limited is a flexible, innovation, responsive and entrepreneurial organization formed in the year 2000.

Since inception, Dew CIS strategy has been to develop cutting edge products in the field of information and Technology that can be leveraged across the enterprise. We have grown from a simple IT consultancy firm to a world class Solution provider with proven technical skills grounded in the best of bred industry standards.

Dewcis Solutuons caters to the needs of multiple industry segments through innovation, easy-to-use and secured, integrated, hosted solutions in a build-as-you-grow model.



## Contact

We are glad to hear from you!



**Dew CIS Solutions Limited.**  
Transforming Information Into Profit

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