

# CASE STUDY

## Fingerprint Based Hospital Visitor Management System at IPA

Client Name: Innovations for Poverty Action (IPA)

Vertical: Healthcare

Company Location: USA

Deployment: Tanzania

Deployment Period: 3 years

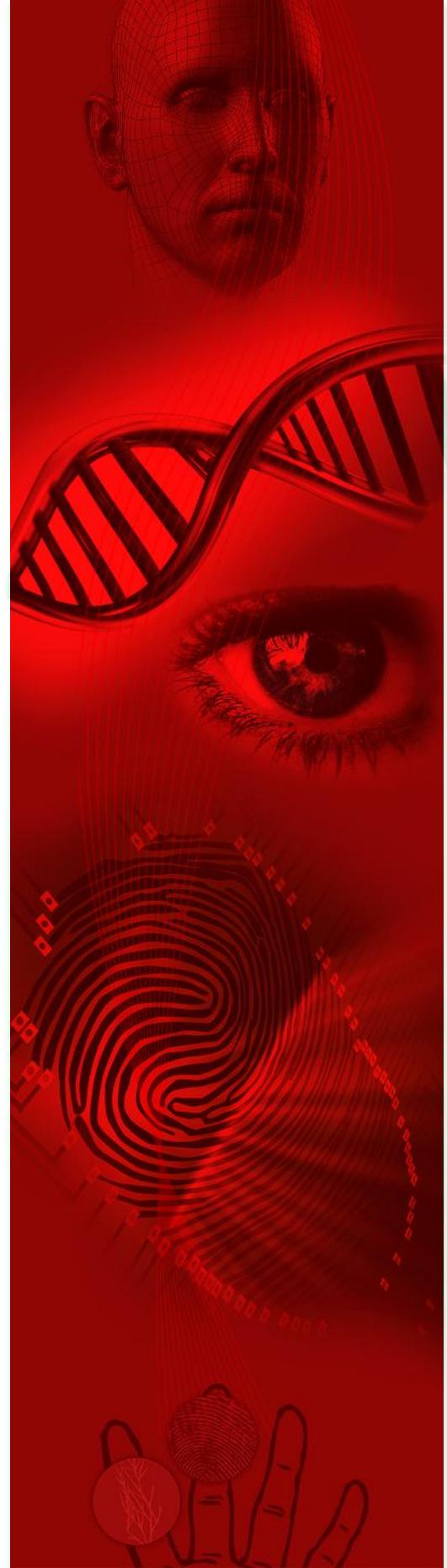
Requirement/Problem: Identify recurring AIDS (HIV) patients

Software Offered: CloudApper (VisitorTrack™)

Hardware: M2-EasyScan Pro™ Fingerprint Reader

Database: 5000

Modality: Fingerprint



# HOSPITAL VISITOR MANAGEMENT SYSTEM

VisitorTrack Used in Tanzania to Identify recurring AIDS (HIV) patients

## CHALLENGE

Due to the fact that AIDS victims in Tanzania have rapidly increased over the last few years and greatly affected the socio-economic condition of the country, Innovations for Poverty Action (IPA) needed an accurate and reliable solution to identify AIDS patients and capture their personal information, including name, address, date of birth and biometric traits. They were looking for a solution that would help them to manage a biometric database containing around 5000 recurring patients and identify them during hospital visits.



## CLIENT PROFILE

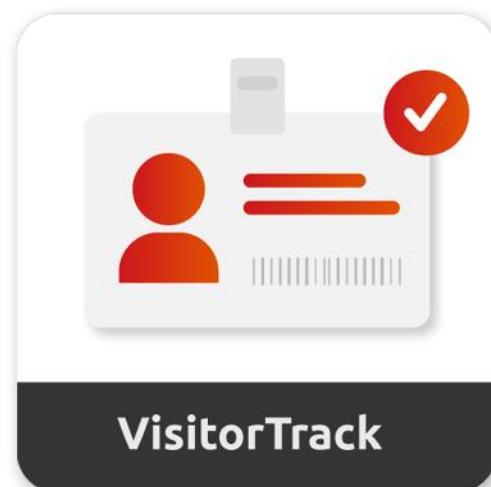
Innovations for Poverty Action (IPA) was founded in 2002 and is a non-profit organization that works to solve global poverty problems. It is a platform where researchers and decision-makers work together to improve the lives of the poor around the world. Since its foundation, IPA has worked with more than 575 leading academics to manage over 650 projects in 51 countries.

IPA concentrates its efforts in developing countries like Tanzania and has galvanized local and international staff, government entities, NGOs, and the private sector to bring socio-economic development in the country.

## SOLUTION

Innovations for Poverty Action (IPA) selected the M2SYS CloudApper™ rapid cloud application development platform to build a visitor management solution. With the help of CloudApper™, they have deployed a cloud-based hospital visitor management system that utilizes fingerprint biometrics to identify recurring patients. The cloud software will maintain a database of AIDS patients in the area with detailed information like demographics, images, identity credentials, and biometrics.

In this project, IPA used the durable and reliable M2-EasyScan Pro™ fingerprint device to capture patient fingerprint data. VisitorTrack™, one of the pre-developed cloud application templates within the CloudApper™ platform, was used to manage the patient information. Since CloudApper™ is a highly customizable solution, IPA was able to easily configure the VisitorTrack™ template to meet their specific needs without any coding knowledge at all.



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## BENEFITS

By utilizing CloudApper™, IPA has built an accurate biometric database of AIDS patients in Tanzania. This enables them to accurately track their activity and ensure that healthcare professionals can monitor their status. It also provides them with accurate biometric fingerprint data of the patients to establish a concrete list of the AIDS victims.

Here are some key benefits of the M2SYS solution that helped IPA to create a concrete biometric visitor management database of AIDS patients in Tanzania:

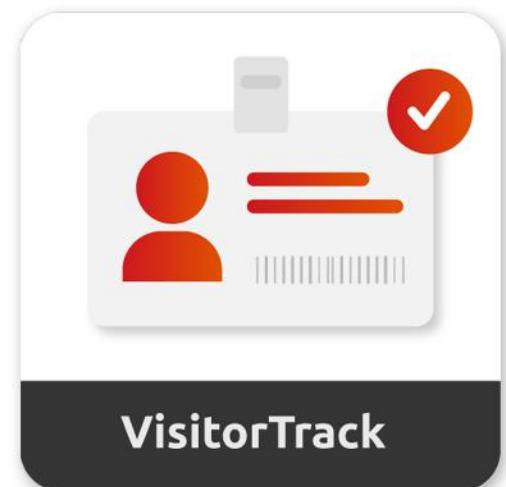
- They were able to easily customize VisitorTrack™ template within CloudApper™ to meet all of their requirements.
- Hospital representatives can now use this app without needing any kind of programming knowledge.
- Saves time by eliminating manual enrollment & identification process for recurring patients.
- Secures medical data privacy through a cloud encryption process
- Saves money by reducing maintenance and operational time and cost

## ABOUT M2SYS

M2SYS always works closely with its clients, enabling them to capitalize on the benefits of using biometrics for security and accelerating their return on investment (ROI). With over a decade of experience delivering biometric identity management solutions to customers throughout the world, our award-winning technology provides secure, convenient identification solutions for safe, easy interactions and transactions.



M2SYS CloudApper™  
*Cloud application development platform*



VisitorTrack™  
*Biometric Visitor Management*



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