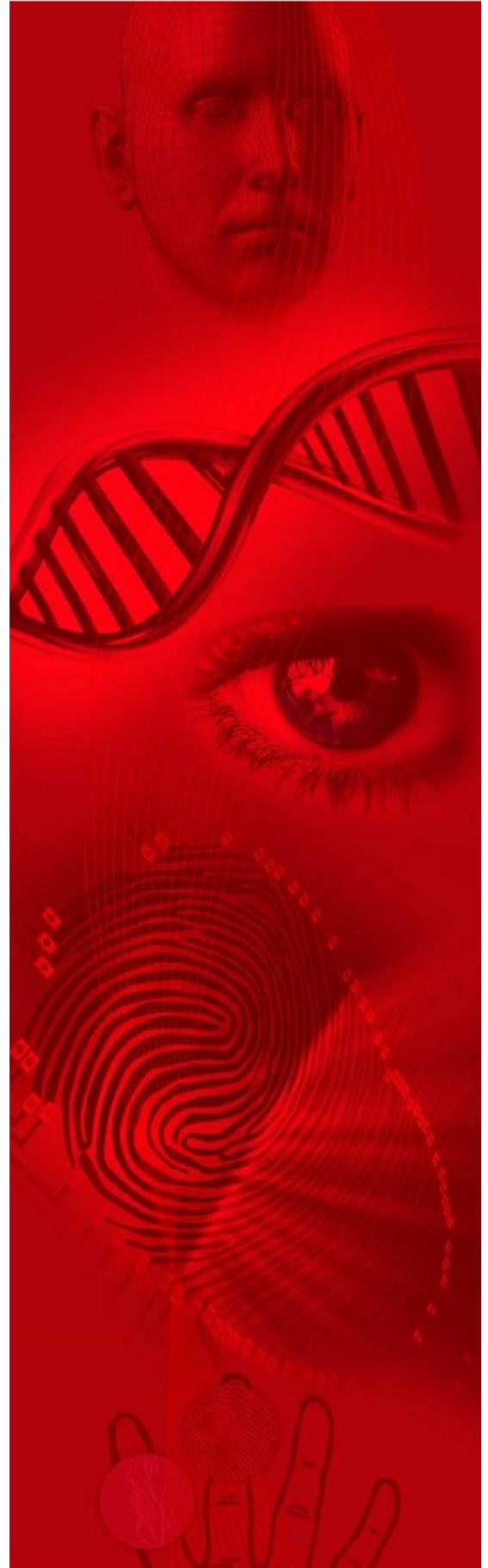


CASE STUDY

CDC Global Health Patient Identification Project

For HIV, TB, Malaria, and other infectious diseases in Haiti, Zambia, and The Dominican Republic.



Connect Information:



(678) 203-4268



sales@m2sys.com



www.m2sys.com



@m2sys



M2SYS



M2SYS Technology

CDC Global Health Patient Identification Project

For HIV, TB, Malaria, and other infectious diseases in Haiti, Zambia, and The Dominican Republic.

Client Profile

The Centers for Disease Control and Prevention (CDC) was founded in 1946 as the Communicable Disease Center and its primary aim back then was to prevent the spread of malaria across the US. Now, the CDC is widely recognized as the nation's agency for health promotion, prevention, and preparedness. The CDC has also been working globally for over 60 years to reduce morbidity and mortality as well as safeguard communities so that people can live healthier and longer lives. It is working with countries such as Haiti, Zambia, and the Dominican Republic to address HIV, malaria, TB, and other communicable diseases.



Challenge

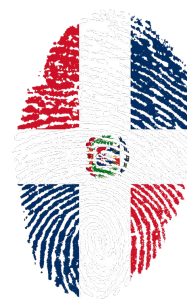
The Centers for Disease Control and Prevention (CDC) has been working in Haiti, Zambia, and the Dominican Republic since 2002, 2000, and 2009 respectively. The agency works with Ministries of Health to address HIV, TB, malaria, cholera, and other infectious diseases. Accurate patient identification is critical to achieving agency goals. To track these patients, prevent patient mix-ups, and develop an accurate database for ongoing data analysis, the CDC needed a robust solution to identify a large number of patients reliably using their unique biometric (e.g. fingerprint). This would ensure that the correct health record is retrieved to prevent duplicate records and improve overall data quality.



Haiti



Zambia



Dominican Republic

The CDC has collectively enrolled the fingerprint data of over 200,000 patients from these countries and performed over 1 million successful identifications.

CDC Global Health Patient Identification Project

For HIV, TB, Malaria, and other infectious diseases in Haiti, Zambia, and The Dominican Republic.

How The M2SYS Biometric Patient Identification System Works



Register/Scan Patient Biometric At The Clinic



Look For Match In The Local or Cloud Database



Find Corresponding Record In EHR System



Ensure Accurate Patient Identification

Solution

The CDC implemented the M2SYS Fingerprint Identification Platform to address their patient identification challenges in Haiti, Zambia, and the Dominican Republic. With the help of M2SYS and local partners, the CDC was able to deploy a scalable patient identification platform that utilizes fingerprint biometrics to identify patients across all health clinics. The biometrics software seamlessly integrates with the clinic's existing patient management software to ensure that the correct health record is retrieved after patients scan their fingerprints.

Benefit

With the M2SYS Fingerprint Identification Platform, the CDC has successfully enrolled the fingerprint biometric data of over 200,000 patients in Haiti, Zambia, and the Dominican Republic, and has processed more than 1 million identifications. The M2SYS biometric solution enables clinics to accurately track patient movements and prevent duplicate or overlay medical records. Establishing accurate databases of patients has improved data quality to support the CDC's efforts in preventing the spread of infectious diseases.

Here are some key benefits of the M2SYS Fingerprint Identification Platform that has helped the CDC to create a concrete biometric database of patients with infectious diseases across the three countries:

- Highly scalable fingerprint matching system
- Seamless integration into the clinic's existing patient management software
- Prevents duplicate medical records and other errors
- Support for cloud-based biometric matching reduces IT costs
- Saves time during the patient check-in process

About M2SYS

M2SYS 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 nearly 20 years 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.