

Voter Biometric Identification Services



Zimbabwe

Opportunity

Under the Zimbabwe constitution national elections were held in 2018 for the first time in generations. Zimbabwe established a Biometric Voters Roll, with a registration process that includes taking a fingerprint from each registered voter. With over 6 million potential voters, the Zimbabwe Electoral Commission ("ZEC"), working with the United Nations Development Program needed a solution to accurately confirm that duplicate registrations are eliminated, as well as to publish the eventual final Voters Roll.

Solution

In 2017 following an international tender, authID.ai's fully integrated Search™ /IMS Biometric Voter Registry solution powered by its AFIS technology and workflow management capability was selected to provide deduplication, adjudication, and voter roll publication services. ZEC used Search™ to produce a clean, de-duplicated voter roll from its existing national biometric voter database, underpinned by the accuracy of the authID de-duplication algorithms. The Search tools facilitated the adjudication processes, in accordance with Zimbabwe law. authID provided automated voter roll publication integrated to the National Voter Registry, which can be used for future special, local and by-elections, following the national elections.



Zambia

Opportunity

In 2005 the Zambia Electoral Commission, along with the United Nations Development Program and other human rights organizations, sought to achieve an objective of "One Citizen – One Vote" for the country's first fully democratic Presidential election. Between 5.5 and 6 million voters from 72 electoral districts were registered on paper with only an inked impression of the right thumb. Zambia needed a solution that would accurately confirm the identities of its citizens and ensure that duplicate registrations did not occur.

Solution

In support of the Zambian 2005 presidential elections, authID.ai delivered Search™, our proprietary, identity management service that includes Biometric Fingerprint Enrollment, Fingerprint Matching and Fingerprint De-Duplication services. We also provided custom software development to integrate our AFIS with a third-party Voter Results system and full integration with the Zambia Electoral Commission's infrastructure. Search™ captured over 6 million voter fingerprint images and registration records and produced highly accurate AFIS templates. Fingerprint match processing and de-duplication of over 500 billion records was completed within 90 days. The 2005 effort was so successful that we have been chosen by the Zambia Electoral Commission for every presidential election since 2005.

RESULTS

✓ Clean, De-Duplicated Voter Registry

✓ Voter Fraud Stopped

✓ Objective of "One Citizen - One Vote" Met