



# **Case Study:**

## ***Nigeria Voter Registration System***

*The Nigerian government (Western Africa) represented by the Independent Nigerian Election Commission (INEC) selected BioLink to implement a biometric-based voter registration system to ensure the unique enrollment of an estimated 60 million voters.*

## Customer Profile

The Independent National Electoral Commission (INEC) is the main agent of democracy in Nigeria. INEC is a permanent body created by the constitution to organize Federal and state elections in Nigeria.



The mission of INEC is to provide the highest quality election services to the people of Nigeria.



## Challenge

Prevent voting frauds and ensure the unique enrollment of an estimated 60 million voters with using of biometric-based voter registration system.



## BioLink AMIS Performance

The solution was a distributed design made up of 37 Authenticon Cluster Array (ACA) systems (total of 456 Server Blades) located in each Nigerian State processing center. Two thumbprints and related demographic information were collected from each individual using ink on paper and were high-speed scanned in a batch operation. After digitized, the fingerprints were submitted to the ACA using a custom built Control Front End with two thresholds of “Suspicious” and “Match” and integrated reporting as specified in the customer requirements / business logic.

Total data collection time was 10 days performed by more than 300,000 trained staff. Total fingerprint processing (more than 4.7 trillion individual fingerprint comparisons) was limited to 40 days prior to the election. The combined system speed is 2.4 Million Matches per Second.



## About BioLink Solutions

BioLink Solutions is a trusted global provider, supplier and expert in biometric identification solutions, systems and professional services.

Employing the best international practices and scientific developments, BioLink is committed to building, deploying and maintaining a full range of award-winning biometric identification and identity management solutions worldwide.

Our solutions are designed for a wide range of IT applications, ranging from home information infrastructures of small- and mid-sized enterprises and commercial businesses to large-scale nationwide identification projects.

Our portfolio contains more than 5000 successful implementations in USA, UK, Ireland, Scotland, Nigeria, Malaysia, Lithuania, India, Russia, Kazakhstan and other countries.

For more information please visit [www.biolinksolutions.com](http://www.biolinksolutions.com)