



Automated Biometric
Identification System

One Pager

Trusted Voter Registration

Complete solution for biometric voter registration to deliver transparent and fair elections

Innovatrics Voter Registration Components

- Enrollment station for Windows or Android
- Voter data centralization
- Fast and accurate biometric deduplication
- Automated identification of children and minors based on AI-powered age estimation
- Identity management interface for operators to remove duplicates, minors, or the deceased
- Voter lists and card generation based on electoral division



"The Independent National Electoral Commission of Guinea (CENI) is pleased to confirm its complete satisfaction with its collaboration with Innovatrics. We would like to salute the professionalism and rigor with which Innovatrics is supporting CENI in the conduct of its operational activities in view of the legislative elections."

La Commission Électorale Nationale Indépendante (CENI), Guinea

Migration and Cleaning of Legacy Voter Register

In the first stage of the registration process, the legacy voter register is migrated and cleaned, the hardware and software requirements are assessed. Enrollment stations are prepared and pre-filled with cleaned data to save time during the registration.

- ABIS installation
- Enrollment stations set-up and loaded with data
- Legacy voter register migration
- Knowledge transfer and Operator training



Biometric Voter Registration

Innovatrics' intuitive enrollment software is used by trained officials to collect high quality biometric data of citizens (fingerprints, face and iris scans). It is then securely encrypted to provide maximum security to the most sensitive data.

- Customizable Voter registration software for Windows or Android
- Intuitive high quality face, fingerprint or iris data collection
- Online or offline capability
- Voters' data pre-enrollment from smartphones



Voter Data Consolidation for Trusted Voter List

Once all the voter data is collected, it is securely transferred to the central ABIS for adjudication, data consolidation and biometric deduplication. All of the operations are logged so that there is a paper trail in case of any suspicious behavior.

- Biometric and textual deduplication
- Automated identification of children and minors based on AI-powered age estimation
- Manual review and data correction



Voter Lists and Card Generation Based on Electoral Division

The cleaned voter database is split into districts and the voter lists are distributed throughout the country for citizen control. Once all the disputes are correctly settled, the voter cards can be printed and distributed in time for elections.

- Polling station assignment based on electoral division
- Unique voter cards printing
- Reporting module



Comprehensive Consulting & On-Site Support

Our experienced team gathers analyses of all the relevant information to propose a biometric voting system that fits your requirements. Based on our global experience, we coordinate operators, optimize your processes, provide best practices, and help with all aspects of the registration process.