



National Civil Registry and Voter Register Sierra Leone 2017

Achievements

- 3,565,714 citizens registered across the country
- 3,800 registration kits configured and deployed
- 2,600 registration sites fully equipped for registration
- 660 trainers trained
- Creation of a voter register for the 2018 election

A National Civil Registry and a Voter Register for Sierra Leone

In Sierra Leone, Smartmatic worked alongside the National Civil Registration Authority (NCRA) and the National Electoral Commission (NEC) to create a comprehensive database with information from all of its citizens. By gathering biometric and biographic data of the entire population, and using an identity management solution fully customized to the specific needs of Sierra Leone, authorities were able to create a new National Civil Registry and a Voter Register to be used during the March 2018 elections.

Smartmatic provided the 3,800 registration kits that were configured by locally hired and trained technicians under the supervision of Smartmatic personnel. Each registration kit was coupled with a power kit, which included solar panels to allow officials to reach the most remote rural areas of the country where electricity is scarce.

To guarantee the success of the registration effort, Smartmatic trained 660 trainers who in turn prepared the other 10,500 operators who ran 2,600 registration sites.

Why Sierra Leone?

According to the UNDP's Human Development Index of 2015, Sierra Leone remains among the world's poorest countries, ranking 179th out of 187 countries. Poverty is widespread with more than 60% of the population living on less than US\$ 1.25 a day. Sierra Leone was also one of the West Africa nations most affected by the Ebola during the outbreak of 2014 and 2015.

An estimated fifteen thousand people were infected, and approximately four thousand died. The new Civil Registry will allow the State, NGOs and other International aid organizations to plan and implement more effectively measures to promote sustainable growth and improve the living standards of the people of Sierra Leone.



Technology

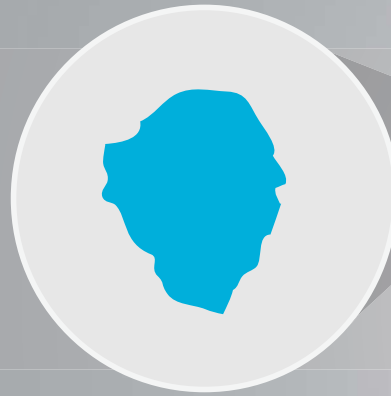
- **VIU-820.** This portable, all-in-one device, allows authorities to register citizens wherever they are. VIU-820 incorporates tools to capture biometric and biographic information such as: camera, fingerprint reader and printer.
- **Solar Power Kit.** Each registration kit was equipped with solar panels and external batteries to allow at least 12 hours of independent operation.
- **AFIS.** Automated Fingerprint Identification System for the fingerprints comparison.
- **PARclient.** This software component, used to run the entire identity management solution deployed in Sierra Leone, was used to allow the recording of biographic and biometric information, as well as the authentication of individuals.
- **IDMS.** The Identification Management System is the server application deployed in the NCRA Data Center to receive and consolidate the data gathered at the registration sites.



Services

- **Configuration.** Smartmatic configured all the elements of the registration system used during the project, from the VIU-800 to the solar panels and the Data Center. All the requirements of the client were taken into account to make the solution 100% in accordance with Sierra Leone's needs. Smartmatic also configured 550 VIU-800 training kits which, after training had been completed, were re-configured as VIU-800 Registration kits.
- **Training.** Smartmatic trained approximately 660 supervisors on the operation of the registration kit. These operators then trained the remaining 10,500 operators in charge of going to the field and registering citizens. In addition, Smartmatic trained technicians on kit operation, maintenance and repairs; and software engineers on the kit ancillary software, its development environment, architecture and source code.
- **Warehousing.** Smartmatic refurbished the Wellington NEC offices and warehouse, and prepared a 1,276 square meter production warehouse to configure and store the registration kits before mass registration began.
- **National Support Centre.** Smartmatic configured a 150 square meter National Support Centre located in in Freetown -the capital- with 22 Call Centre agents (trained by Smartmatic) using a cloud-based Trouble Ticketing System to support the NCRA/NEC during mass registration. The National Support Centre is now used for technical assistance and warranty services.
- **Technical assistance and Warranty.** As part of its commitment to the success of the project, the satisfaction of the client, and future registration initiatives to be conducted in Sierra Leone, Smartmatic offered 6 months of technical assistance- starting the first day of mass registration- and warranty service and spare parts for one year.

Continent: Africa
Capital: Freetown
Population: 7.1 million
Type of government: Presidential Republic
Administrative division: : 3 provinces
and 1 area, 14 districts and 149 chiefdoms



About Smartmatic

Founded in the USA in 2000, Smartmatic is the leading provider of voting technologies and solutions worldwide. Today, out of the eight countries pioneering election automation Smartmatic provides technology and services to six of them: Belgium, Brazil, Estonia, the Philippines, USA and Venezuela.

The company has managed elections across five continents, processing over 3.7 billion votes. It serves customers through an organization comprising over 600 employees across 12 offices around the world.

Smartmatic is headquartered in London, UK. For more information, visit:

www.smartmatic.com

