

Strengthening Immigrant Registration in Côte d'Ivoire

Côte d'Ivoire Deploys Aratek MOSIP Biometric Enrollment Kits for More Secure and Organized Border Management



QUICK FACTS

Challenges:

- Difficult Field Operating Conditions
- Need for Trusted Biometric Data
- Complex Enrollment Requirements

Solution:

- Aratek MOSIP Enrollment Kit + Aratek Backpack Kit

Benefits:

- Reliable Operation in Demanding Field Conditions
- Greater Confidence in Biometric Matching
- More Flexible Site Deployment
- A Smoother Registration Experience

Overview:

In 2025, Aratek Biometrics and its local partner supported an immigration registration initiative in Côte d'Ivoire for people entering from Burkina Faso. The project deployed Aratek MOSIP Enrollment Kits together with Backpack Kits to help border registration teams carry out secure and reliable biometric enrollment at registration sites. By combining MOSIP-compliant biometric capture, rugged field deployment, and a more organized enrollment workflow, the solution helped teams reliably capture fingerprints, facial images, and supporting documents in locations where operating conditions could vary significantly. It also helped Côte d'Ivoire strengthen identity registration and support trusted identity verification when required for immigration management, public security, and future administrative processes.

Challenges:

Immigration registration requires a reliable process from the first point of enrollment. In Côte d'Ivoire, registration teams had to carry out this work at border-side locations where working conditions were not always ideal. Some sites were temporary or semi-outdoor, with limited space and exposure to strong sunlight, dust, rain, and other changing environmental factors. At the same time, teams still needed to capture biometric and supporting identity data in a consistent and manageable way. Key challenges included:

- 1. **Difficult Field Operating Conditions:** Registration teams had to work in temporary and semi-outdoor sites exposed to dust, sunlight, rain, and limited infrastructure.
- 2. **Need for Trusted Biometric Data:** The program required biometric data to be captured securely and accurately enough to support future identity verification when needed.
- 3. **Complex Enrollment Requirements:** Multiple identity data points had to be captured for each immigrant, requiring a workflow that was efficient for operators and easy for registrants to follow.

Solution:

To address these operational demands, Aratek Biometrics and its local partner deployed a flexible registration setup built around Aratek MOSIP Enrollment Kits and Aratek Backpack Kits. This combination allowed Côte d'Ivoire border registration teams to establish more structured temporary registration points where needed, while also supporting more mobile enrollment where portability was important.



The Aratek MOSIP kit supported MOSIP-compliant fingerprint, face, and document capture in one coordinated workflow, while its dual-screen setup helped keep the enrollment process more organized for operators and easier for registrants to follow. Built into an IP67-rated rugged case with extended battery power, the Aratek MOSIP kit was well suited for dusty, semi-outdoor, and infrastructure-limited border locations. For more mobile deployment needs, the Aratek Backpack Kit used MOSIP-compliant Marshall 8 Plus biometric enrollment tablet as its core, giving teams a lighter field-ready option without losing core enrollment capability.

Key Benefits:

The deployment of Aratek’s biometric enrollment solutions brought important operational benefits to immigrant registration efforts in Côte d'Ivoire. Key outcomes included:

Reliable Operation in Demanding Field Conditions

With rugged protection and extended battery power, the kits helped keep registration running even in semi-outdoor and infrastructure-limited locations.

Greater Confidence in Biometric Matching

MOSIP-compliant enrollment and FBI-certified fingerprint capture helped improve biometric quality for more reliable registration and verification.

More Flexible Registration Site Deployment

With station-based MOSIP Enrollment Kits and portable Backpack Kits, teams could match the setup more easily to different registration site conditions.

A Smoother Registration Experience

The dual-screen MOSIP kit and coordinated capture workflow helped make the process more efficient for operators and easier for registrants to follow.



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