



HID Biometrics Transform Criminal Booking and Identification Processes for Moroccan Law Enforcement

THE CHALLENGE

The Moroccan Royal Gendarmerie was established in 1957 and is part of the Royal Armed Forces of Morocco. The Gendarmerie is a major law enforcement force in the country with the mission of ensuring the security, health and tranquility of all Moroccan citizens and the protection of their property. It is also responsible for policing in rural areas and managing the traffic networks.

As part of the judicial police, the territorial units of the Gendarmerie are also charged with enforcing Moroccan laws by detecting offenses, gathering evidence and pursuing criminals. The Gendarmerie recognized they had to address the challenges that were slowing the criminal booking and identification process. These issues included:

- Manual booking of individuals with ink and paper was time-consuming and complex. It only captured fingerprints and required additional staff to process.
- The matching process and managing a paper-based criminal records archive were inefficient, labor intensive and time-consuming.
- The manual criminal booking and processing procedures caused errors and inefficiencies.
- The lack of shared centralized criminal records and databases slowed the subject identification process, or not identified at all.

THE SOLUTION

Gendarmerie selected HID to provide a comprehensive end-to-end criminal enrollment and identification solution to digitize, improve and expedite criminal booking and latent examination. A scalable centralized Automated Fingerprint Identification System (AFIS) database was implemented, anchored by market-leading HID® L Scan™ Tenprint and Palm Scanners. The scalable system includes a best-in-class capture workstation and supporting HID® ArcID™ Store and Forward software to serve as a central repository for electronic fingerprint transmission (EFT) records.

For law enforcement, L Scan Tenprint and Palm Scanners are synonymous with industry-leading, high-quality image acquisition. These high-precision devices provide astonishingly detailed images and are efficient in automatically capturing fingerprints and palm prints regardless of positioning on the platen. This allows booking officers to focus on safety while the HID systems ensure sequencing, positioning and print quality.

Additional offerings within the HID biometrics portfolio include the HID SEEK® II and SEEK Avenger multimodal mobile handhelds. The HID SEEK Avenger is the only fully-certified, biometric, multimodal enrollment and credential reading solution built to perform in challenging environments such as law enforcement or the military. The series combines forensic-quality fingerprint, stand-off dual iris capture, high-resolution facial and evidence imaging with multiple format credential reading.

RESULTS

The AFIS successfully provided a repository of fingerprint and palm print records for rapid identification and latent examination matching. The initial database of 20,000 records has grown to more than 130,000 in just four years. Many of these prints have been obtained from the HID SEEK II and SEEK Avenger mobile handhelds, which are deployed in the field and deliver a lighter, smarter, faster solution purpose-built for rugged, outdoor environments (direct sunlight, dark, hot, cold, rain, snow) and to perform with various skin conditions (dry, wet, dirty, oily, wrinkled, damaged).

The solution enabled the quick identification of individuals with a past criminal history by digitizing the criminal booking process and archiving all records and documented criminal activities. This capability provided a mechanism to digitize an existing archive of paper and ink records for real-time matching and response – modernizing systems based on advancements in biometric technologies and enabling data sharing across outposts.

The Royal Moroccan Gendarmerie now has a common booking procedure that improves the timeliness of processing identity and criminal history searches. The field-proven livescan and mobile biometric scanner technologies, intuitive enrollment software, and scalable AFIS have allowed for a more seamless process.

Since the initial installation, the Gendarmerie has processed more than 36,000 criminal bookings, solved more than 400 latent cases, booked hundreds of suspects using mobile handhelds and identified 15,000 illegal immigrants at remote border crossings.



HID L Scan Tenprint and Palm Scanner



HID SEEK Avenger Multimodal Handheld Scanner

SOLUTIONS

- HID L Scan Tenprint and Palm Scanner
- HID SEEK II and SEEK Avenger Multimodal Handheld Scanners
- AFIS Latent Print Examination Workstations
- HID ArcID Store and Forward Servers
- Scalable AFIS Databases and Matching System
- Fingerprint Card Conversion Application

BENEFITS

- Modernized to Automated, Digital Criminal Booking Process
- Improved Record Matching Accuracy
- Shortened Response Times
- Electronic Access to Historical Records and Criminal Databases



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