

**FACT SHEET**

Motorola Identity Management and Security Solutions Portfolio

# Identity Management and Security Solutions



## Motorola Trusted Identification

Keeping Countries and Borders Safe with  
Motorola Identity Management and Security Solutions

A woman disembarks from a plane, a man drives up to the border crossing station, both mingle within a crowd of travelers too large to count, and too anonymous to be secure. However, border guards, armed with advanced Motorola Identity Management suite of products, can quickly identify a person and verify their right to enter; all parties involved understand that they are safer because of these measures, they are more secure because of the verification systems deployed, and they effectively passed through security check points with confidence – the confidence of trusted identification that only Motorola's Identity Management and Security Solutions portfolio can provide.

For over 30 years Motorola has been a pioneer in the field of biometric identification, with national deployments ranging from ePassport solutions to border crossing systems. Motorola's Identity Management and Security Solutions portfolio highlights its tradition of biometrics innovations to add new matching technologies and features that provide safe, secure, and effective deployments at the airport, border crossing, and office.



**Trusted:** With deployments in nearly 40 countries and in over 300 agencies, we are leaders in the intricacies of system design, interoperability, and deployment of biometric systems in the many stressful circumstances of the real world.

**Secure:** The power of seamless mobility of information requires secure transfer of data between stations, agencies, and networks. Furthermore, as borders expand, the need for wireless communications increases; and with that, the need for more secure connectivity. Motorola Identity Management and Security Solutions provide reliable and secure solutions for local, regional, and national deployments.

**Leadership:** Motorola was the first deployed minutia-based Automated Fingerprint Identification System (AFIS). Motorola was the first to implement real-time AFIS. Motorola is the first to introduce multi-modal fusion of three biometrics. This latest innovation is the Motorola Fused-Scoring Logic, which provides enhanced accuracy from multi-modal biometrics capture (Finger, 2D and 3D Facial images). Other companies may claim to have integrated applications, but only Motorola uses fused scoring to assure unwanted criminals or illegal persons are not mistakenly allowed into your country.

**Commitment:** With 24 hour, 7 day a week, and 365 day a year customer support, we not only understand that your most mission critical needs may occur any time of the day, but also, we act to ensure your needs are met. Motorola is not only dedicated to the success of each project, but also to complete satisfaction of your expectations.

**Reliability:** Motorola has the experience necessary to design and implement reliable identity management systems for ePassports/visa issuance, border patrol, or other applications that may be needed to keep our world safe. Here's a thumbnail sketch of Motorola biometric applications already in use:

- **Serbian Ministry of Interior:** A 10-million-record national ID, passport and driver's license system issuing International Civil Aviation Organization (ICAO) compliant secure documents using the latest smartcard and multi-biometrics fusion technology (fingerprint and facial). This system has 300 remote workstations and more than 1,000 hand-held mobile units.
- **Switzerland National Police:** A national AFIS with fingerprint-enabled border checks. The system also helps the country with refugee management.
- **Belgium Refugee Bureau:** A national AFIS system for immigration, refugee verification and civil background checks.
- **Guatemala:** A passport issuing system with 1.3 million documents issued by remote embassy locations worldwide.
- **California Welfare:** A 7-million-record state AFIS system with more than 350 remote workstations performing 3,000 verification and duplication checks daily.
- **El Salvador:** A 4-million-record national ID card system issuing up to 8,000 cards each day.

**Interoperability:** Border guards need to share information across regions, agencies, and networks to prevent illegal entry, and to ensure the public's safety. Motorola Biometrics plays a leading role in defining international standards, with participation in the International Standards Organization (ISO), INCITS, and ANSI/NIST governing bodies. Industry standards are critical to the seamless exchange of information across varying networks whether they are Motorola supplied or not.

# Motorola Biometric Solution



## THE MOTOROLA BIOMETRIC SOLUTION

Motorola provides a complete end-to-end solution specifically designed to meet the unique needs of the identity management market. Motorola applications utilize the latest technologies and conform to international standards. Motorola has decades experience in biometrics, integration, implementation, and customer service that ensure our solutions provide trusted identification. We are the secure choice.

**Multi-Biometric Enrollment** – Supports the efficient capture of demographic and biometric data (Fingerprint, 2D & 3D Facial, Iris, and Signature) with built-in quality control measures to ensure the information captured provides effective results.

**Multi-Biometric Verification** – Stationary, mobile, and self-service solutions verify the authenticity of documents and their document holders through biometric matching and document analysis. Motorola's solution provide verification of ICAO/ISO compliant passports and secure documents (including smartcards, national ID card).

### Multi-Biometric Capture & Verification Peripherals

- Passport Reader – Support for Optical (MRZ data, 2D Barcode, UV & IR security feature) and electronic (smart chip) information.
- Works with all ICAO and non-ICAO compliant documents while performing security checks to assure the document is legitimate
- Smartcard Readers
- Fingerprint Scanners and readers
- Integrated 2D and 3D Camera for facial recognition
- Iris Camera
- Signature Capture

**Document Central Registry** – Records relevant to the life time of the document such as issuance, expiration, renewal, and invalidation.

**Data Preparation and Key Management** – Data transformation and submission of information for Public Key Infrastructure (PKI) processing.

**Personalization Server** – Identification document production and personalization (passports, smart cards, national ID cards, etc.)

# Motorola Identity Management and Security Solutions

## Quick Facts:

- Biometric Identity Solutions deployed in nearly 40 countries in North America, South America, Europe, the Middle East, Africa, and Asia, and with more than 300 customers worldwide.
- Motorola provides 16 European national biometric systems for civil and criminal processing.
- Motorola Biometrics follows an SEI certified development process, ISO 9000 certified System Integration, and utilizes Digital Six-Sigma.
- Outstanding Customer Support – Motorola Biometrics earns customer satisfaction scores that are top tier year after year.

## Market Applications:

- Passport/visa issuance and verification
- National ID issuance and verification
- Land border security
- Sea port security
- Airport security
- Social benefits
- Voter registration
- PIV
- Registered traveler



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