



# IDEMIA Public Security (IPS) delivers upgraded Multibiometric Identification System (MBIS) to INTERPOL, providing the latest generation algorithms

To provide the most efficient service to its member countries, INTERPOL is now equipped with a more advanced algorithm for solving cases. In July 2024, IDEMIA Public Security (IPS) delivered an upgraded version of the Multibiometric Identification System (MBIS) to INTERPOL, featuring a premium algorithm ranked #1 in the NIST results.

# JUSTICE & PUBLIC SAFETY

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This new algorithmic solution, MBIS 5/MBSS, is fully integrated into the INTERPOL Bio HUB system. It includes increasingly accurate and relevant algorithms, allowing for easy and regular updates. The organization's 196 member countries can now query the Interpol database with fingerprints and facial images. The goal is to solve the most complex cases while optimizing the use of tools, enabling criminal investigators to access post-event forensic analysis, covering fingerprints, palm prints, and latents.

These advanced algorithms were submitted to the National Institute of Standards and Technology (NIST) test and achieved first place, confirming IDEMIA Public Security's leading position in the NIST latent fingerprint benchmark for forensic identification (ELFT – 2024).

IDEMIA's commitment to excellence is reflected in its consistently top-ranked identity and security technologies. IDEMIA continues to lead the biometric tech race, covering iris, fingerprint, and facial recognition. NIST's latest test results underscore IDEMIA's outstanding expertise and solutions, combining efficiency, accuracy, and equity.

*With the delivery of this new version of the Multibiometric Identification System (MBIS), INTERPOL now benefits from the most advanced algorithms, enabling it to solve the most complex cases. This project reinforces the strength of our collaboration, and we look forward to continuing our longstanding, 20+ year partnership with INTERPOL. I would like to thank our entire R&D team, who put their expertise to work every day in service of this partnership that helps to make the world a safer place.*

Thibaut Sartre, Senior Vice President, International Justice & Public Safety, IDEMIA Public Security

*Adopting cutting edge biometric technology is key to the ability of law enforcement to counter all types of transnational crime. I am confident that IDEMIA's upgraded multibiometric system will allow INTERPOL to further support our member countries in their essential mission to safeguard their borders and communities.*

## A longstanding collaboration

- IDEMIA and INTERPOL first began their collaboration in 1999, when IDEMIA delivered the original Automated Fingerprint Identification System (AFIS). The AFIS was designed to facilitate cooperation between police forces from member countries by providing access to global police tools and services, including forensics, fingerprint evidence, and the exchange of forensic data to support international investigations.
- In 2016, INTERPOL opted for IDEMIA's advanced facial recognition capabilities to create the INTERPOL Face Recognition System (IFRS), which contains face images from more than 170 countries.
- In 2019, INTERPOL renewed its contract with IDEMIA to upgrade the current system and transform it into a Multibiometric Identification System (MBIS). Since its inception, the biometric systems have helped identify several thousand individuals including terrorists, criminals, fugitives, persons of interest and missing persons.

Today, authorized users in INTERPOL member countries can submit and cross-check fingerprints and facial images via the Bio HUB, using INTERPOL's secure global police communications network.

**About IDEMIA Group** - IDEMIA Group unlocks simpler and safer ways to pay, connect, access, identify, travel and protect public places. With its long-standing expertise in biometrics and cryptography, IDEMIA develops technologies of excellence with an impactful, ethical, and socially responsible approach. Every day, IDEMIA secures billions of interactions in the physical and digital worlds.

IDEMIA Group brings together three market-leading businesses that enable mission-critical solutions:

- **IDEMIA Secure Transactions** is the leading technology provider who unlocks safer and easier ways to pay and connect.
- **IDEMIA Public Security** is a leading global provider of biometric solutions that unlock convenient and secure travel, access, and protection.
- **IDEMIA Smart Identity** leverages the power of cryptographic and biometric technologies to unlock a single trusted identity for all.

With a global team of nearly 15,000 employees, IDEMIA Group is trusted by over 600 governmental organizations and more than 2,400 enterprises in over 180 countries. For more information, visit [www.idemia.com](http://www.idemia.com) and follow @IDEMIAGroup on X.



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