INTERPO

INTERPOL upgrades to IDEMIA's Multibiometric Identification System

INTERPOL leverages IDEMIA's innovative technology to boost the global fight against crime





uilding on a 20-year-long partnership with IDEMIA, INTERPOL has taken the next step to collaborate with its member countries in the fight against international crime. In the most recent partnership, IDEMIA is supplying a state-of-the-art fingerprint and facial recognition system that can instantly identify potential Persons of Interest (POI) for police investigations and border control needs.

Member countries:

196

Fingerprint records:

220,000

Face images:

110,000



INTERPOL, creating a safer world

INTERPOL, the world's largest international police organization, currently has 196 member countries and enables law enforcement agencies from around the world to work together to make the world a safer place. INTERPOL's high-tech infrastructure of technical and operational support helps to meet the growing challenges of combating crime in the 21st century.

In addition to criminal investigations, INTERPOL's experts are often called upon at disaster scenes to help identify victims using forensic data such as fingerprints and DNA matches.

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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 make cooperation easier between police forces from member countries by giving them access to global police tools and services, namely forensics, fingerprint evidence and the exchange of forensic data to support international investigations.

Today, the AFIS contains more than 220,000 fingerprint records. Authorized users in member countries can view, submit, and cross-check these records using INTERPOL's secure global police communications network. In 2022, INTERPOL made more than 1,800 identifications as a result of increased sharing and comparison of fingerprint data by member countries.



Cutting-edge technology to help law enforcement worldwide

In 2016, INTERPOL opted for IDEMIA's advanced facial recognition capabilities to create the INTERPOL Face Recognition System (IFRS). Facial recognition is an important and rapidly evolving technology that has opened up many new opportunities to identify individuals and solve crimes. The IFRS contains approximately 110,000 face images from 179 countries, and since its launch, almost 1,700 terrorists, criminals, fugitives, POIs, and missing persons have been identified.

In 2019, INTERPOL renewed its contract with IDEMIA to upgrade the current system and transform it into a Multibiometric Identification System (MBIS), IDEMIA's latest technological biometric solution that incorporates





enhanced capabilities such as a higher matching accuracy rate and more user-friendly interfaces. The MBIS was designed and scaled so that police officers in member countries can conduct an unlimited number of searches and analyses. INTERPOL's MBIS can perform up to 1 million forensic analysis searches per day, including fingerprints, palm prints and portraits, making it the top performing automated biometric identification system on the market.

In addition to police investigations, INTERPOL plans to enable member countries to query their database from border control stations. Member countries will also be able to share profiles of POIs with INTERPOL directly through the new MBIS.

"Building on fingerprint capability, in 2016 INTERPOL called on IDEMIA to make facial recognition available to its members. Thanks to both biometric systems, INTERPOL managed to match and identify over 300 suspects in 2019. In the same way that criminals use ever more innovative and sophisticated ways to avoid detection, law enforcement must also benefit from the latest advances in technology, especially in biometric security, to better combat all forms of transnational crime. INTERPOL's enhanced partnership with IDEMIA will further help our member countries better protect their borders and their citizens."

Cyril Gout,

INTERPOL Director of Operational Support and Analysis (Press release, April 2021)

"IDEMIA is delighted and proud to be collaborating with INTERPOL again and to continue to making the world a safer place for all. This project reinforces our longstanding partnership with INTERPOL, which has been going strong for over 20 years. With the delivery of the new MBIS, INTERPOL will have access to cutting-edge fingerprint, palm print and face identification technologies, enabling it and member countries to identify persons of interest faster than ever before. We look forward to many more years of supporting INTERPOL to ensure the safety of millions of citizens around the world."

Matt Cole, CEO, IDEMIA Public Security