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IDEMIA MBIS Face Expert

Enabling trained forensic face examiners to
generate leads and solve crimes faster

Enables trained forensic face examiners, investigators,
detectives, and analysts to easily import, extract, process,
enhance, and submit for search face and tattoo images in still
images or video, and subsequently to process search results
and perform facial comparisons

A KEY TOOL IN THE INVESTIGATIVE PROCESS

IDEMIA MBIS Face Expert is a web-based application that enables
trained forensic face examiners, investigators, detectives, and
analysts to search against multiple databases, allowing them to find
more high-value investigative leads and help solve crimes more
efficiently. Once a potential match is generated, analysts can use
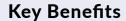this information to further their investigation.

Robust and scalable, IDEMIA MBIS Face Expert supports case
management, image extraction from stills or video, image
enhancement, face comparison, and reporting. In addition to facial
images, it also supports tattoo image extraction, enhancement,
submission for search (Tattoo Recognition Search), and comparison.

HELPS SOLVE CRIMES FASTER

- Search for missing and wanted persons in photos
  or short videos

- Perform reverse searches and link recently booked offenders
  with unsolved cases

- Quickly narrow down a suspect list for a specific crime

Key Benefits

EASY TO USE
Intuitive interface, designed
based on over 45 years of
building biometric
investigative tools using
feedback from real
investigators.

FAST AND ACCURATE
Our technology has a long
history of top-tier
performance in NIST's FRVT
1:N testing, with our
algorithm singled out for its
lack of bias based on race,
age, and gender.

MULTIPLE VIDEO FORMATS
The Face Expert application
includes support for various
video codec formats,
including .WEBM, .WMV,
.AVI, .MOV and more!

Why IDEMIA?

IDEMIA's face-matching algorithm consistently ranks among the
top performers for accuracy in NIST FRVT tests, achieving
consistently accurate results across all use cases and dataset
sizes, and far outranking all other submissions in unbiased
matching relative to race, age, and gender.

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IDEMIA MBIS Face Expert provides image enhancement tools specifically developed for face and tattoo recognition processing, including 3D pose correction and color channel viewing. Advanced verification tools help the investigation process with case management support, including advanced data modeling, descriptor data filtering, and reverse-searching of cold cases. IDEMIA MBIS Face Expert allows investigators to set parameters to increase search efficiency, and to quickly and accurately process searches using IDEMIA's powerful matching algorithms.

INCLUDES POWERFUL TOOLS FOR:

- Biometric matching
- Image enhancement and comparison
- Tattoo recognition
- Face finding
- Case management

CUTTING-EDGE TECHNOLOGY

- Convenient case management tools
- Easy-to-use image enhancement and auditing tools
- Top-tier NIST*-tested matching algorithms
- Face and tattoo extraction from multiple media formats and sources
- Integrated searching of multiple databases

NIST: National Institute of Standards and Technology.

ADDITIONAL FEATURES

- Easily create match reports or lineups, and manage witness interviews
- Create an unsolved case database that can be searched automatically when known persons are entered
- Leverage data from previous searches when performing verification
- Document and trace all image enhancements for agency records and submission to courts**
- Search faces and tattoos in the same application
- Set up a separate dataset for missing and wanted persons
- Perform descriptor-only searches
- Create and manage a database of unknown persons

*** Available as a custom report generated in MBIS Central Viewer*