

# IDEMIA Face Expert

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



Face Expert is a key tool in the investigative process that quickly identifies potential matches based on known suspects.

Face Expert's web-based application 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 the images are matched, analysts can use this information to further their investigation.

Robust and scalable, Face Expert includes biometric matching, forensic evaluation tools, and case evidence management. Face Expert tools include automatic face finding and extraction, for forensic face comparison. It is designed to help public safety and law enforcement identify suspects more efficiently.

## Help solve crimes faster

- › Quickly narrow down suspect list for a specific crime
- › Search for missing and wanted persons when a photo or short video is available
- › Perform reverse searches and link recently booked offenders with unsolved cases

## Why IDEMIA?

IDEMIA's long-term commitment to advanced biometrics has made us a long-standing strategic partner of security professionals and the best law enforcement agencies in the world. We have deployed comprehensive biometric solutions for more than 450 government agencies in over 100 countries, and serve over 1,000 federal, state, and local government agencies in the US.

## Benefits



### Easy to Use

IDEMIA's easy-to-use intuitive interface has been designed based on over 45 years of building biometric investigative tools.



### Fast and Accurate

Our technology has a long history of top-tier performance. In a 2019 NIST report, IDEMIA's FR algorithm was singled out for its uniformity across all demographic groups.



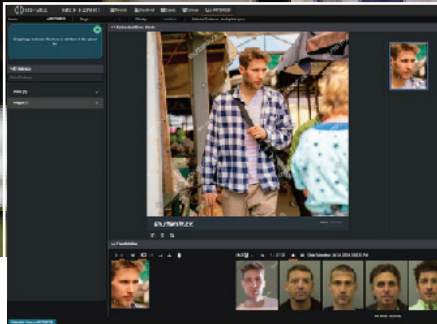
### Supports Multiple Video Formats

Face Expert application includes support for various video codec formats, including .WEBM, .WMV, .AVI, and .MOV.

Traceability of all image enhancements for agency records and submission to courts.

Includes powerful tools for:

- › Biometric matching
- › Forensic evaluation
- › Tattoo recognition
- › Face finding
- › Case evidence management



Face Expert provides image enhancement tools specially developed for solving forensically challenging evidence, including pose correction, lighting composition, and noise reduction.

Advanced verification tools help the investigation process by including support for case management with advanced data modeling and reverse searching of cold cases.

Face Expert's full suite of enhancement tools allows investigators to set parameters to increase search efficiency, and quickly and accurately process searches using IDEMIA's powerful matching algorithms.

#### Additional Benefits of Face Expert:

- › Generate a match report or lineup to aid in an investigation
- › Create an unsolved case database that can automatically be searched when adding known persons to a database
- › Navigate within your investigation and perform verification, leveraging data and information from previous searches
- › Set up an individual dataset for missing and wanted persons
- › Document and trace all image enhancements for agency records and submission to courts



### Cutting-edge technology

- › Convenient case management
- › Face and tattoo image searching
- › Easy-to-use image enhancement tools
- › Proven match algorithms
- › Streamlined face extraction from multiple media formats
- › Easy creation of line-ups, and witness interview management
- › Integrated searching of multiple databases
- › Searching new bookings against a database of unsolved cases

### Augmented Vision

Use Face Expert in conjunction with Augmented Vision, IDEMIA's video analytics tool for law enforcement, to search through hours or days of video footage efficiently, allowing you to quickly hone in on leads.