

MBIS SUITE

The latest generation of criminal ABIS Solution



The Multi-Biometric Identification System (MBIS) Suite is a comprehensive range of products centered on an innovative IDEMIA Multi-Biometric Search Services (MBSS) that provides real-time identification of suspects and criminals. This powerful and leading-edge MBSS is based upon IDEMIA's 40+ years of experience in providing solutions to law enforcement.

The MBIS Suite is:



Fully modular and highly scalable to upgrade your initial MBIS system in numerous ways:



Comprised of: Back end systems

- > Face
- > Finger
- > Palm
- > Iris
- > Tattoo
- > Workflow Services
- > Archive Services
- > Data Exchange Services

Front end applications

- > Card Capture
- > Latent Expert
- > Reviewer
- > Face Expert
- > Dashboard
- > Central Viewer

MBIS Suite

The Multi-Biometric Identification System (MBIS) Suite represents the best of breed IDEMIA Multi-Biometric Search Services (MBSS).

It is a Commercial Off-the-Shelf (COTS) product, forming a system foundation that can seamlessly integrate future modalities and enhancements with minimal effort.

IDEMIA funds continuous research and development to enable ongoing adaptation of our product roadmaps and meet evolving customer needs and business processes.

A host of features

At the heart of our MBIS Criminal Justice Suite of products, the latest generation offers effective features and capabilities:

- › Powerful multi-biometric search engine, designed for both accuracy and speed
- › Intuitive, user-friendly and flexible GUI (Graphical User Interface)
- › Service Oriented Architecture (SOA), built around open system components that easily integrates into your agency's IT architecture
- › Record Archive Service for search and storage of all NIST records, and case documents
- › Major Case Prints feature, expanding latent search to entire friction ridge area of hand
- › Extended toolset, including minutiae editing tools, image enhancement and filtering tools, latent image sizing controls, and finger selection tools
- › Powerful set of verification and comparison tools that facilitate the alignment and orientation of search and returned images
- › Enhanced criminal case data modeling that supports case management features such as storage of evidence images and case-to-person and case-to-case link information



- › Complete digital image repository provided by Oracle or PostgreSQL relational database of all processed records
- › Full set of case management features such as the retention of latent print encoding and search history

Key Benefits



Efficiency

Experts can choose between different verification processes, depending on the type of crime. Part of this process can be automated for minor crimes whereas major crimes can be processed entirely by a latent expert.



Accuracy

IDEMIA systematically integrates the latest level of algorithm accuracy in new product releases, allowing customers to benefit from the latest advances in research & technology.



Interoperability

Thanks to its highly scalable SOA architecture, the MBIS Suite can be easily connected to third party systems such as other AFIS, booking stations or mobile terminals. The MBIS Suite includes a gateway system for automated protocol translation and system interconnection.



Multi-biometric capability

IDEMIA MBIS Suite supports multiple biometric modalities including fingerprints, palmprints, face, iris and tattoo. Its modular architecture allows for deployments and configurations of the desired combination of biometric modality support.

Contact

info.usa@idemia.com
800-368-9505