MBIS Suite

The latest generation of criminal ABIS Solutions

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

The MBIS Suite is fully modular and highly scalable allowing for multiple upgrade options throughout the life of the system.

The high performance and accuracy of MBIS results from IDEMIA's powerful Multi-Biometric Search Services engine (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.

Flexible deployment options allow an on-premiseor cloud-hosted solution. For cloud deployments, MBISis hosted on Microsoft® Azure. MBIS meets CJIS security standards, is hosted in the U.S. and all data is encrypted in motion and at rest.

IDEMIA is funding continuous research and development to enable the ongoing evolution of MBIS, in order to meet evolving customer needs and business processes.

Back-end
→ Face
→ Finger
→ Palm
→ Iris
→ DNA
→ Tattoo
→ Workflow Services
→ Archive Services
→ Data Exchange Services

Front-end
→ Card Capture
→ Latent Expert
→ Reviewer
→ Face Expert
→ Dashboard
→ Central Viewer
→ List Manager
→ Batch Manager

Why IDEMIA?

IDEMIA is the global leader in augmented identity for an increasingly digital world. Through Augmented Identity, we empower citizens and consumers alike to interact, pay, connect, travel and vote in ways that are now possible in a connected environment. With close to $3B in revenues, IDEMIAserves clients in 180 countries.

Benefits

Efficiency

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

Interoperability

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.

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A Host of Features

- 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 integrate into your agency's IT architecture
- Archive Service for search and storage of all NIST records
- Major Case Prints feature, expanding latent search to entire friction ridge area of the 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 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

FEATURE	BENEFITS
360-security	Store and use system data in confidence. MBIS deployed to the Cloud via Microsoft®Azure meets CJIS standards for security, is hosted in the U.S., and employs only screened U.S. personnel at host sites.
True disaster recovery	Continue normal system functions in the event of a technical or natural disaster –system functionality and data are replicated in secure, redundant, geographically separated host sites.to the Cloud via Microsoft® Azure meets CJIS standards for security, is hosted in the U.S., and employs only screened U.S. personnel at host sites.
High system and data availability	Continue to access, work with, and upload data when an emergency disrupts normal operations.Microsoft® Azure meets CJIS standards for security, is hosted in the U.S., and employs only screened U.S. personnel at host sites.
Regular software refreshes	No need to wait for a major software update. MBIS deployed to the Cloud via Microsoft® Azure with optional Evergreenmaintenance isis refreshed regularly, allowing your system's functionality to keep pace with the industry.
Unlimited scalability	Expand your system as your data and throughput expand, without the burden of replacing hardware

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