MORPHOBIS SUITE

THE LATEST GENERATION OF CRIMINAL ABIS

The MorphoBIS Suite is a comprehensive range of products centered on an innovative Automated Biometric Identification System that provides real-time identification of suspects and criminals. This powerful and leading-edge ABIS is based upon Morpho's 35+ years of experience in providing solutions to law enforcement.
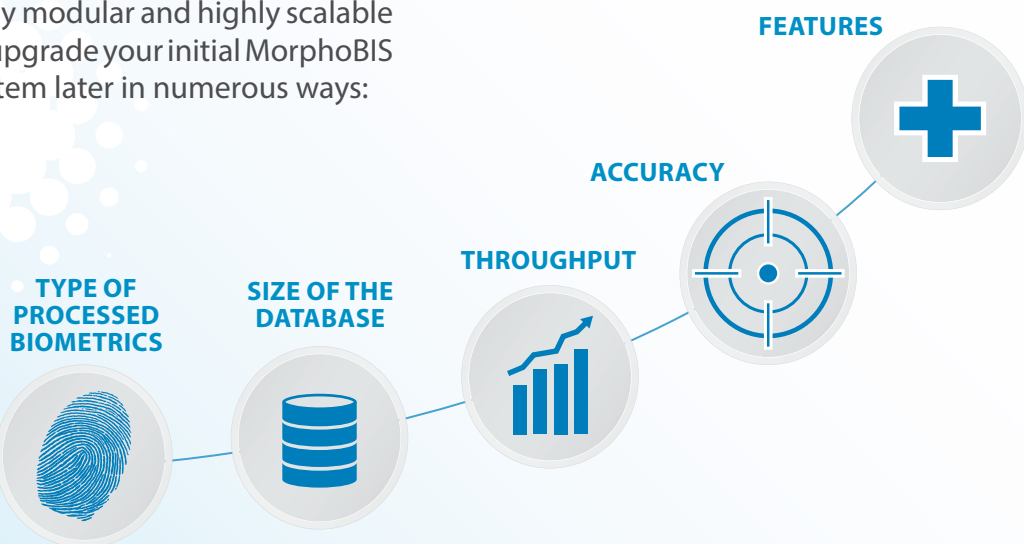
SAFRAN
Morpho

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*T*he MorphoBIS Suite represents the best of breed Automated Biometric Identification Solution (ABIS), combining the strongest features of two proven ABIS products (Sagem's MetaMorpho and Printrak's BIS). It is a release-level, COTS (Commercial Off-the-Shelf) product, forming a system foundation that can seamlessly integrate future modalities and enhancements with minimal effort. Morpho funds continuous research and development to enable ongoing adaptation of our product roadmaps and meet evolving customer needs and business processes.

A MULTI BIOMETRIC SYSTEM EASY TO UPGRADE

> Fully modular and highly scalable to upgrade your initial MorphoBIS system later in numerous ways:

FEATURES

ACCURACY

THROUGHPUT

TYPE OF PROCESSED BIOMETRICS

SIZE OF THE DATABASE

The MORPHOBIS SUITE is:

> Comprised of:

BACK END SYSTEMS

- Face platform
- Fingerprint platform
- MorphoBIS Archive Server

FRONT END WORKSTATIONS

- Card Capture
- Face Quick Search
- Latent Expert
- Reviewer
- Face Detective

A HOST OF FEATURES

As the heart of our Morpho Criminal Justice Suite of products, the latest generation offers powerful 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 the search and returned images
- Enhanced criminal case data model that supports case management features such as the storage of evidence images and case-to-person and case-to-case link information
- Complete digital image repository provided by an Oracle 11g relational database of all processed records
- Full set of case management features such as the retention of the 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 the expert.

ACCURACY

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

INTEROPERATIBLITTY

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

MULTI BIOMETRIC CAPACITY

The biometric engine embedded into the MorphoBIS Suite is now able to process fingerprint as well as face recognition. Its modular architecture allows future upgrades to add iris and other modalities.

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

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