



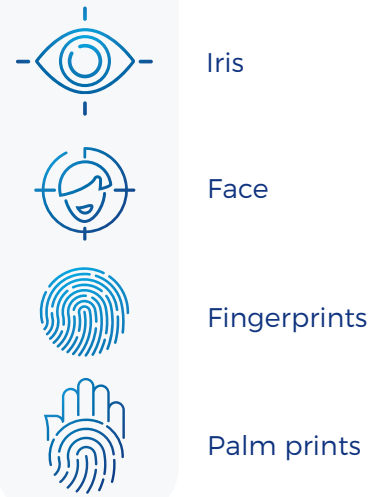
- Modular solution
- Proven track record
- Top ranked speed & accuracy
- Easy to integrate
- Standards compliant
- Multi-modal

# INNOVATRICS ABIS

Tailored to  
Your Business

- NATIONAL ID AND DRIVER'S LICENSES
- BORDER CONTROL AND SECURITY CHECK
- HEALTH SERVICES AND SOCIAL SECURITY
- FINANCIAL SERVICES AND RISK MANAGEMENT
- ELECTIONS





# INNOVATRICS ABIS

## The Innovatrics Automated Biometric Identification System

leverages market-leading technology that is recognized by system integrators and solution providers who demand a large-scale, easy to integrate, standard-compliant and high-performance biometric identity management solution for a biometric multimodal system.

### OUR CUSTOMERS THINK:



We strongly recommend Innovatrics to any company that is in the market for ABIS and other biometric solutions.

**Tall Nouroudina** *Director of IT*  
Commission Electorale Nationale Indépendante



Innovatrics is a reliable Partner with strong technical team and excellent customer care practices and their multimodal matching software offers exceptional performance for QICard software application.

**Chandra Sekhar** *Director of IT Services*  
International Smart Card, Iraq

## Key advantages



### TOP SPEED

Matching speed of up to 1.04 billion matches per second on one server confirmed by Intel benchmark.



### FIRST CLASS ACCURACY

Tier 1 results in all recognized benchmarks (FpVTE, MINEX III, PFT II, MINEX II, FRVT).



### SCALABILITY

Cluster-based architecture designed for parallel processing and partitioning.



### EASY INTEGRATION

XML based message queue interface supporting Java and .NET client SDKs and web services for quick integration.



### STANDARDS COMPLIANCE

ISO/IEC 19794-2, ISO/IEC 19794-4, ISO/IEC 19794-5, ANSI/INCITS 378, ANSI/INCITS 381, MINEX III / PIV Level 2, FBI Certified WSQ.



### HIGH AVAILABILITY

Active-active data replication to a disaster recovery site (read-only) supported.



### COMFORTABLE DEPLOYMENT

Windows and Linux OS compatible. Supported databases: Oracle, MS SQLServer, and PostgreSQL DBs. Cloud support: Amazon AWS and MS Azure.



### MULTI-MODAL MATCHING

Verification (1:1) and identification (1:N) with fingerprints, palm prints, facial and iris images or templates.



### WEB-BASED INTERFACE

Modern and secure interface for operators, adjudication, administration, supervision and system monitoring.

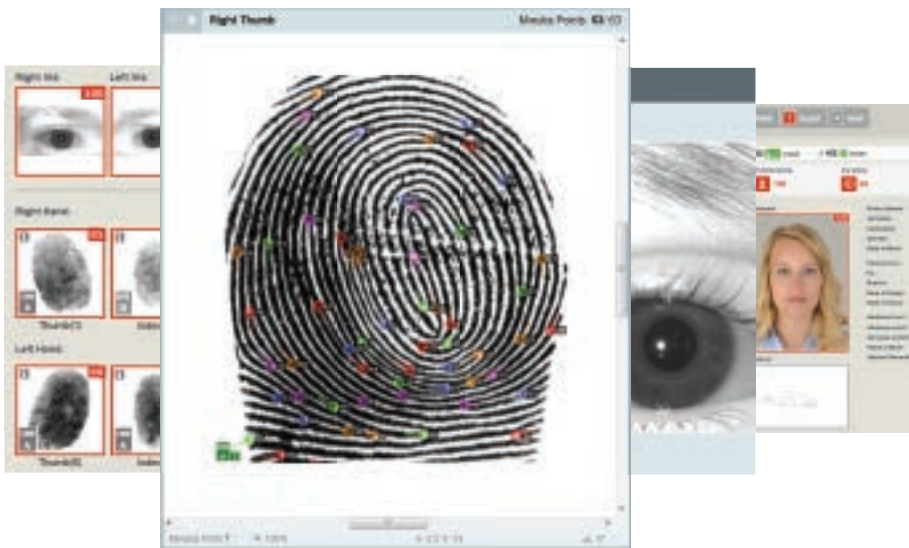
## Modules

### Web Supervisor

Simplifies ABIS administration and monitoring through its core components: record browser, administration, system audit, monitoring and powerful filtering tools.

### Biometric Audit

Allows you to track, search and analyze records and duplicates by using a modern and comfortable web-based interface.



## GET EXACTLY WHAT YOU NEED

Innovatrics ABIS delivers exactly what you need. With full modularity you can easily get a solution tailored to your business processes. Independent modules bring you an open and cost-effective solution with the flexibility to upgrade when necessary.

## Workflows

The workflow module allows you to take advantage of multiple ready-to-use manual decision scenarios needed to conclude the search and matching requests sent to Innovatrics ABIS. In this way, trained adjudication operators ensure that records belonging to the same person are kept together. This flexible and easily configurable tool can be activated without a system update or re-deployment.

## Multimodal Biometrics

Innovatrics ABIS is a reliable multimodal biometric software. Facial, iris and palm print matching is visible on the adjudication screen and can be also used via API, as with fingerprint identification or verification.

## FEATURES

- | Ready to use workflows
- | Exception processing
- | Configurable high-volume deduplication
- | Queue management
- | QA check
- | Split screen and adjudicator
- | Action tracking
- | Customizable record structure

## Latent

Latent Case Manager extends Innovatrics ABIS to perform identification of suspects and criminals based on latent fingerprints and/or palm prints.

At its core is Latent Editor, an easy-to-use tool for optimization, editing and markup of latent fingerprint or palm print images.

## Face Search

Capitalizing on Innovatrics SmartFace technology, Face Search allows ABIS users to search for individuals based on faces detected in video files. Our ground-breaking face recognition algorithm benefits from artificial intelligence and deep neural networks, making it one of the fastest and most precise for both face verification and identification.

Face Search is seamlessly integrated with the new Face Adjudicator, which allows the users to visually compare faces detected in video with faces of applicants registered in ABIS.

## How it works

