



- Modular solution
- Proven track record
- TOP RANKED Speed & accuracy
- Easy to integrate
- Standards compliant
- Multi-modality

INNOVATRICS AFIS

The World's Fastest **AFIS** Solution

- TRAVEL AND BORDER CONTROL
- GHOST WORKERS
- NATIONAL ID AND SOCIAL SECURITY
- ELECTIONS
- COMMERCIAL USE CASES





Iris



Face recognition



Fingerprints

INNOVATRICS AFIS

Is world's fastest Automated Fingerprint Identification System.

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

OUR CUSTOMERS THINK:



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

Tall Nouroudina Director of IT,
Commission Electorale Nationale Indépendante



It is in my opinion, as an AFIS expert, that there is not a better complete AFIS package than what is offered by Innovatrics.

Michel Angelis AFIS Expert

Key advantages



TOP SPEED

Matching speed of up to 720 million fingerprint comparisons per second on one server confirmed by Intel benchmark.



FIRST CLASS ACCURACY

Tier 1 results in all recognized benchmarks (FpVTE 2012, MINEX III, PFT II, MINEX II).



SCALABILITY

Cluster-based architecture designed for parallel processing and partitioning.



EASY INTEGRATION

Open XML-based message queue or web-service interfaces with JAVA and .NET client SDKs for quick integration.



STANDARDS COMPLIANCE

ISO 19794-2 template, ANSI/INCITS 378 template, MINEX III PIV level 2 compliant, FBI Certified WSQ, STQC, ISO 19794-4 image.



HIGH AVAILABILITY

Field-proven solution with no single point of failure.



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, facial and iris images or templates.



WEB-BASED INTERFACE

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

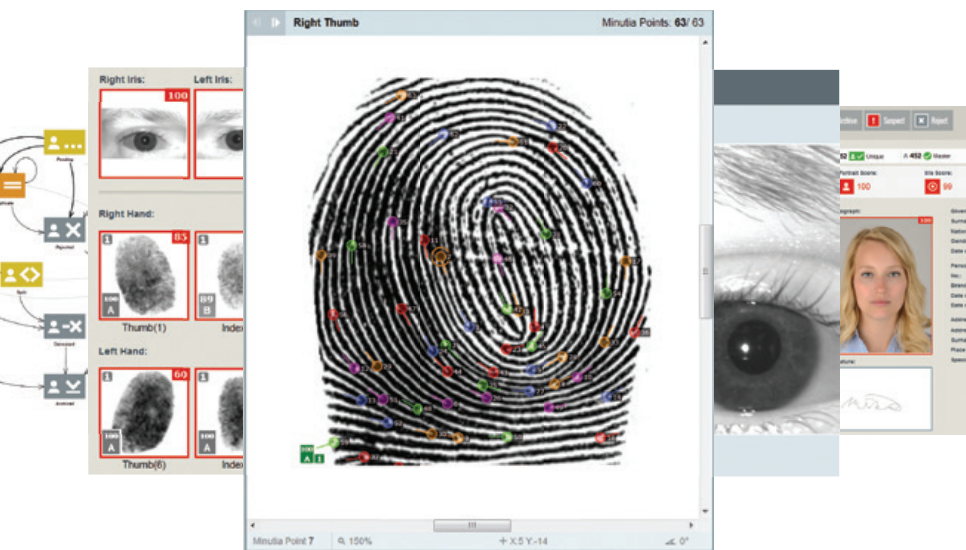
Modules

Web Supervisor

Simplifies AFIS administration and monitoring through its core components: record browser, administration, system audit and monitoring.

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

Workflows

With workflows module you can adjust record lifecycle to suit different scenarios (e.g. new document, document renewal, expiration) with respect to your specific business needs. This module helps you to keep records belonging to the same person together. Workflows module can be activated without a system update or re-deployment.

Multi-modal Biometrics

Converts Innovatrics AFIS to an ABIS solution by adding facial or iris identification capabilities to the AFIS engine. Facial or iris matching is visible on the Adjudicator screen and can be also used via API, in the same way as 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 Case Manager

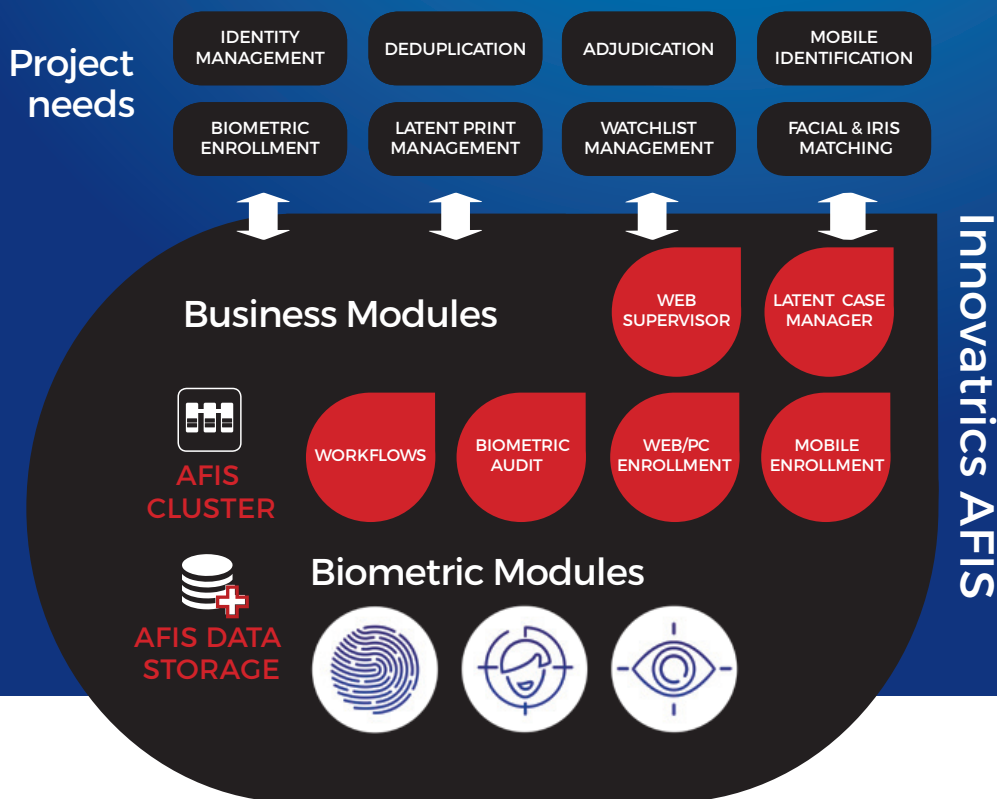
Extends Innovatrics AFIS to performs identification based on latent fingerprints. Latent-to-plain, latent-to-rolled and latent-to-latent matching modes are supported. Latent case management helps to organize latent prints into latent cases. In case where duplicate is found, the Adjudicator tool provides a detailed analysis and Court exhibit creation.

Enrollment

Fully integrated enrollment solution enables you to deploy a highly customized, end-to-end solution using a single software package. Some of the features and benefits include:

- | Comprehensive applicant enrollment process
- | Multi-modal enrollment
- | Web-based version
- | Mobile version
- | ICAO compliant facial capture

How it works



900+
million people processed

20+
industry awards

50+
large scale installations

720+
million matches per second