

Automated Biometric Identification System

Modular architecture, rich web services, user-configurable workflows, full data access, algorithm choice

AwareABIS™ is an Automated Biometric Identification System (ABIS) used for large-scale biometric identification, with support for fingerprint, face, and iris modalities. Its highly modular architecture allows it to be configured and optimized for either civil or criminal applications.

AwareABIS leverages BioSP™ (Biometric Services Platform), Aware's market-leading workflow and integration server to achieve unsurpassed configurability and ease-of-integration. It has the flexibility to utilize Aware's high-performance, NIST-tested Nexa™ face, fingerprint, and iris matching algorithms, as well as top-tier fingerprint algorithms from 3rd-party providers. Together, these features make it the best ABIS on the market not only for high configurability but for prevention of vendor lock-in.

AwareABIS is also fast, scalable, and reliable, using Astra™, an advanced cluster computing platform to perform searches against millions or tens-of-millions of records.



Features



Open integration



Customer data ownership



Comprehensive reporting tools



Ease of installation



Accommodates new biometrics



Examiner-focused user interface

Criminal ABIS Features



Comprehensive latent fingerprint search support

Comprehensive support for latent examination, processing, latent-live and latent-latent matching



Modern fingerprint and face examiner applications

Matcher-agnostic forensic face and fingerprint workstation applications, designed by examiners to offer a rich analytics feature set, useful workflow tools, and excellent reporting capability



Market-leading data formatting and validation

Incorporates Aware's NISTPack™, the industry standard for ANSI NIST/EBTS biometric data file formatting, validation, and interchange

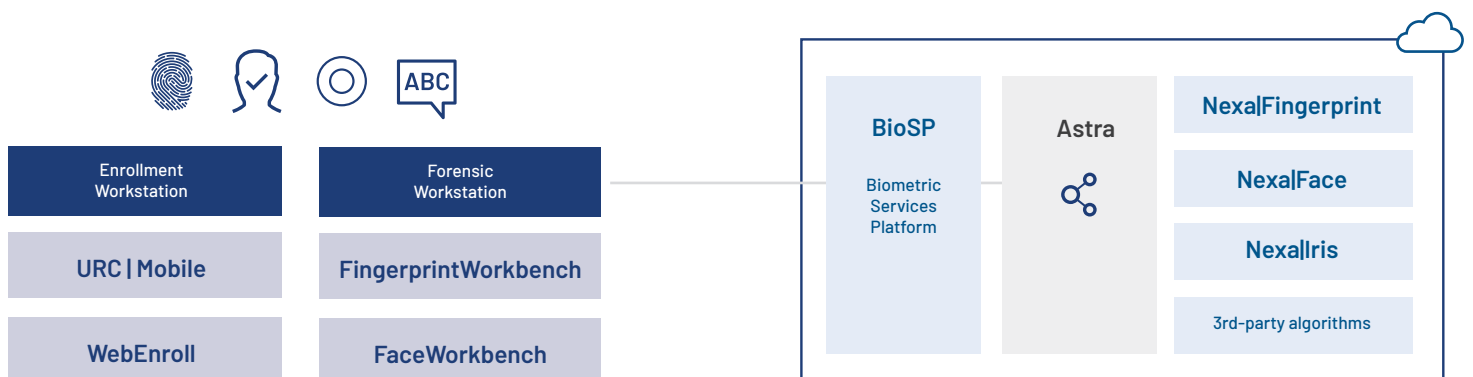
Civil and Criminal Configurations

Civil ABIS

Configured as a civil ABIS, AwareABIS provides powerful biometric search capability through open APIs that are well-designed and easy to use. Aware's powerful client applications are offered to provide powerful front-end capabilities, or custom applications can be used to fulfill project-specific requirements.

Criminal ABIS

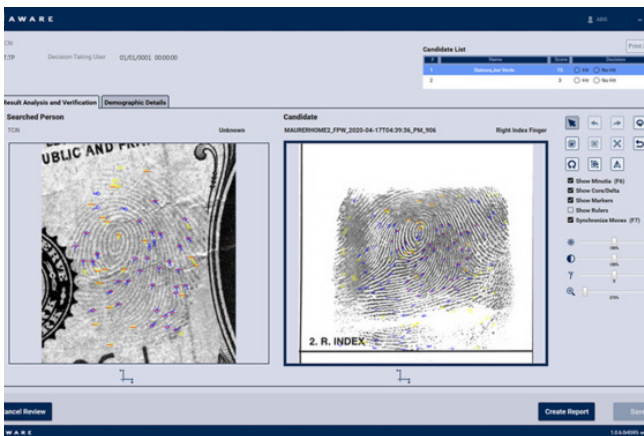
Configured as a criminal ABIS, AwareABIS provides all the useful features of the civil ABIS and adds powerful capabilities critical to law enforcement applications, such as comprehensive analysis, processing, and search of both latents and facial photographs.



Comprehensive Fingerprint Examination Workstations

FingerprintWorkbench is a client application used by fingerprint examiners to perform tenprint match reviews, latent image submissions, latent match comparisons and comprehensive comparison reporting. Used as part of AwareABIS, it provides useful, intuitive tools and workflows that help the examiner to complete their tasks more effectively and more efficiently, with support for 1:1 comparison and 1:many search.

Distinguished by its forward-looking, intuitive design and comprehensive capability set, FingerprintWorkbench offers workflows highly optimized for efficiency and high performance as well as configurable input (live scan and card scan format options) and output (print card format). It does so in part by incorporating useful examination tools—readily available with minimal effort—directly into the workflows, while also enforcing best practices.



Features



Comprehensive search workflows for tenprint, latent, or palm



Livescan, print card, file image and biographics submission



Management of search queues



Appendix F certified card scanning, formatting and output



Supported workflows for print registration and match charting



Image processing features



Minutiae processing



Match results verification



Reporting management

Aware offers a complete family of ABIS products for any sized civil or law enforcement community

Large-scale biometric identification

The AwareABIS™ Automated Biometric Identification System (ABIS) supports fingerprint, facial, and iris recognition for large-scale biometric identification. Designed to serve between 1-30 million identities or more, its modular architecture helps security teams configure and optimize the system for civil or criminal applications.

Small-scale biometric identification

AFIX Tracker supports fingerprint, palmprint and latent print identification for small-scale biometric identification. Designed to serve between 15,000 and 2 million identities, AFIX Tracker is ideal for crime scene investigation applications in low to moderate sized community populations.

Plug-in biometric identification

Aware's Astra provides the speed and accuracy of AwareABIS as a plug-in for existing business processes and workflows. Scalable, fault tolerant and configurable, the Astra matching subsystem is ideal for adding high speed and accurate finger, face, iris and voice verification and identification into existing solution offerings.



Interested in learning more about AwareABIS?
Visit www.aware.com/awareabis/

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Aware is a leading global provider of software products and solutions for biometric identification and authentication. They are used for variety of applications including financial services, enterprise security, border management, and law enforcement. Aware is a publicly held company (NASDAQ: AWRE) based in Bedford, Massachusetts.

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