

Printrak Biometric Identification Solution

Advanced AFIS Solution Delivering Accurate Results

Only Printrak Biometric Identification Solution provides you with the ability to:

- Accurately encode and match fingerprints and palmprints using Printrak's comprehensive minutiae encoding
- Expand and upgrade as system demands require with service-oriented architecture built upon commercial-off-the-shelf hardware (COTS)
- Exchange data with Prüm, ANSI/INCITS, and ISO-compliant systems
- Incorporate server components into your agency's Enterprise Service Bus architecture
- Safeguard against obsolescence with a flexible, modular structure

Based upon innovative technologies deployed throughout the world, Printrak Biometric Identification Solution (BIS) is an advanced automated fingerprint identification system (AFIS) that helps agencies protect the communities they serve. With over 30 years of biometric leadership and serving government agencies, Printrak has the experience to deliver powerful biometric solutions to address your mission-critical needs.

Printrak BIS is built upon a service-oriented architecture (SOA) with commercial-off-the-shelf (COTS) hardware. This results in the flexibility to expand as system demands require and upgrade to safeguard against system obsolescence. In addition, Printrak's industry-leading interoperable technology ensures trusted results can be achieved across cities, counties, states, and countries.

BIS gives you full biometric integration with the inclusion of fingerprints, palmprints, facial images, iris images, signatures, descriptive data, and documents. Incorporating advanced algorithms that excel in National Institute of Standards and Technology (NIST) testing, BIS delivers a comprehensive, accurate solution for investigation, identification, and verification in law enforcement and identity management applications.

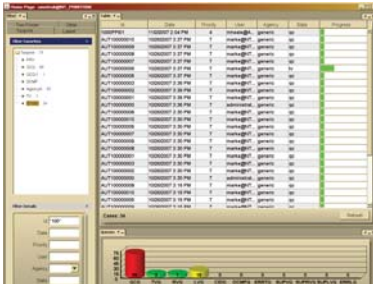
Applications:

- Criminal bookings (tenprint) management
- Latent (crime scene) processing, matching, and storage
- Visa and ePassport programs
- Social benefits distribution
- National ID cards
- Refugee management
- Border control
- Employee credential issuance

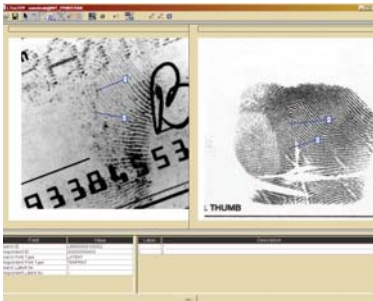
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Below are sample screen shots from Printrak BIS.



Monitor transaction status and retrieve data at any workstation by authorized individuals.



Encode features with unprecedented accuracy and submit to standards-compliant systems.

Product Highlights:

- Incorporates accurate encoding algorithms proven in National Institute of Standards and Technology (NIST) testing
- Includes data processing capabilities to automatically encode submitted images
- Supports forward and reverse searches of biometric data
- Matches on both rolled images and flat impressions, providing highly accurate results
- Supports 1000ppi, 500ppi, or mixed data
- Single database stores text and images for persons, incidents, unsolved crimes, and transactions
- Fully integrates fingerprints, palmprints, facial images, iris images, signatures, descriptive data, documents, and other data
- Includes data exchange service to support data interoperability among Prüm, ANSI/INCITS, and ISO compliant systems
- Utilizes Oracle Database 11g for added speed, data management, and diagnostic abilities
- Compatible with CentralView, Printrak's component diagnostic and upgrade tool
- Enterprise Service Bus ready
- Multi-language support, including right-to-left languages
- World class service including a responsive 24/7 service center

Software Features:

- Fully compliant with ANSI/NIST, ANSI/INCITS, ISO, Prüm, and other international interfaces and industry standards
- Follows industry software standards such as XML, http, WSQ, JPEG2000, SOA/ESB, and Java
- Easily interfaces with AFIS-related solutions
- Easily submits captured data to any industry standards-compliant server subsystem
- Supports configuration of workflow parameters for quality control and verification
- Supports role-based access control for superior configuration of user group access privileges
- Easily configured with web-based administrator screens (Printrak Review Station)
- Workstations support integration with commercial-off-the-shelf software packages such as the Universal Latent Workstation (ULW) and Adobe Photoshop

Hardware and Peripheral Options:

- Utilizes commercial-off-the-shelf, RoHS compliant hardware
- Servers based on Linux or HP-UX, and workstations based on Windows operating systems (Windows Vista available)



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