

SOLUTIONS

IDTrak™ SOA

Biometric SDK for Comprehensive Identity Management



Fast lookup software is used to match livescan fingerprints with stored images in watch lists.

Advantages

- Creates customized multimodal matching and fusion applications
- Integrates into existing watch list and identity verification solutions
- Operates locally or remotely
- Includes sample applications, DLLs and Help files
- Reduces development and integration time
- Eliminates the need for serverside biometric management
- Reduces lifecycle costs

In today's global economy, identity verification is an integral part of any security management program. As such, biometrics is the preferred means for quickly and accurately identifying subjects. Military organizations, law enforcement, border control agencies and emergency personnel have come to rely on fingerprints and iris scans to help create secure environments.

Cross Match IDTrak SOA (Service-Oriented Architecture) is a biometric software developer's kit (SDK) that enables integrators to build custom client applications for watch list management, enrollment, identity management

and verification. Using IDTrak SOA, integrators can develop interoperable biometric front-end systems focused on these core biometric-based business processes. Based on a service-oriented architecture, IDTrak SOA allows developers to create applications that exchange data, creating comprehensive, end-to-end solutions to verify subjects' identities.

These lightweight middleware applications extend Cross Match's multimodal fusion biometric Enterprise Match Server (EMS). EMS is a fast extraction and matching system that matches biometric data on a 1-to-1 basis for verification and a 1-to-n (multiple) basis for identification purposes. By using IDTrak SOA-based applications and EMS, users can easily utilize Cross Match fingerprint and iris scanners for a wide variety of applications. IDTrak SOA makes it fast and simple to deliver mission-critical applications in support of national security, public safety and economic security programs.

Features

IDTrak SOA is a fully documented, tested and proven solution to help integrators customize watch list management applications to interface with front-end business systems, bringing fingerprint and iris scan matching capabilities to:

- Subject enrollment systems
- Biometric data verification applications
- Identity management solutions

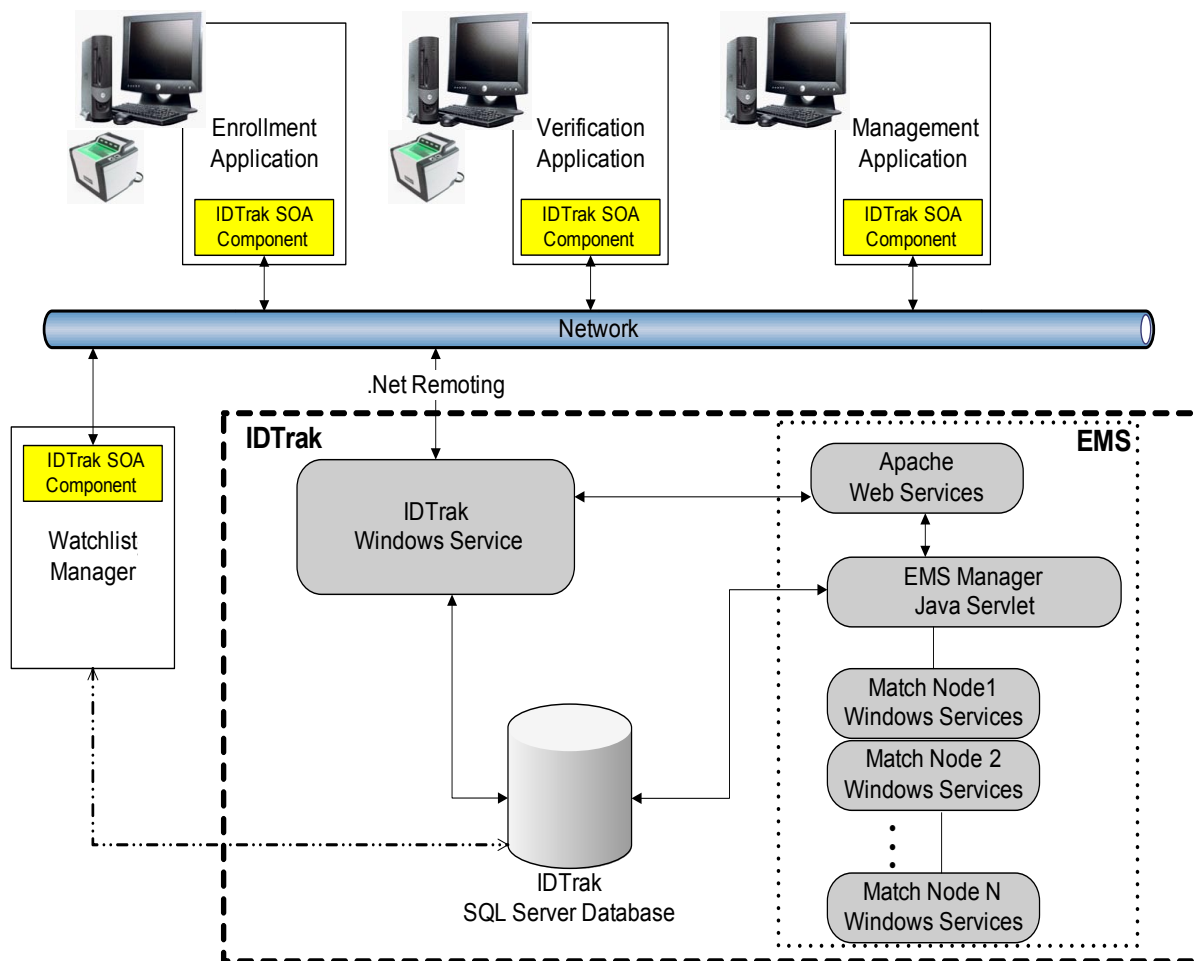
Using these customized applications, organizations can:

- Capture EBTS and EFTS standards-based fingerprint images and iris scans
- Enroll biometric data into AFIS databases, including the ABIS system
- Match fingerprints and iris scans against watch lists stored on local or remote servers

Application Environments

- Employee background vetting and credentialing
- Computer access control
- Secure area access control
- Visitor management
- Border entry/exit control

IDTrak SOA – Architectural View



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