

PRODUCTS

FAST SDK

*Software Development Kit for Fast,
Automatic Capture of Slaps and Thumbs*



meets the Challenge by enabling livescan systems to electronically produce a full set of slap fingerprints, including thumbs, in less than ten seconds. FAST SDK is simple to use, making it easy to integrate into existing software applications.

FAST SDK makes it possible to acquire a full set of slap fingerprints including thumbs in under ten seconds. The software is easy to use and prompts the user to enroll fingerprint images. The real-time display of live capture images allows users to re-roll fingers if necessary.

FAST SDK features Auto Capture™ capability for four-finger slaps and thumbs. The software segments the slaps into individual fingerprint images and provides quality scoring, which aids users in obtaining the highest quality fingerprint images. The software formats and compresses fingerprint images into electronic fingerprint transaction files or .eft files.

Now, integrators can add fingerprint capture to their software applications quickly and easily by leveraging the knowledge and expertise of Cross Match Technologies.

In the federal government's Challenge to Industry issued in September 2005, agencies expressed their urgent need for faster, smaller and more mobile ten-fingerprint capture devices. To meet the stringent requirements of the Joint Agency User Group (JAUG), Cross Match designed FAST SDK. The software development kit



Features

- Auto Capture of full slaps and thumbs in ten seconds or less
- Automatic recognition and prompting for annotation of missing or unavailable fingers
- Workflow management allows an application developer to implement a structured process for fingerprint capture that matches the specific application requirement
- Skinning tool enables application developers to create GUI screens and controls that fit the look and feel of the overall application and add fingerprint capture in a seamless manner
- .net SDK provides for rapid integration into modern application development environments
- Supports two distinct roll mechanisms: nail-to-nail (simulating ink-on-paper) and rock-and-roll (start with flat impression, rock to one side, then roll full finger)

Supported Standards

- NFIQ - NIST quality scoring algorithm
- EFT - NIST electronic fingerprint transaction file format
- WSQ - wavelet scalar quantization compression required for FBI submission
- Will support BioAPI for ten-print devices

Software Package

- FAST SDK software
- Documentation manual
- Sample skins
- Sample code

Supported Scanners

- Guardian®, Guardian® R, Guardian® R2, Guardian® L, L SCAN Patrol
- L SCAN® 500P, L SCAN® 1000P, L SCAN® 1000T
- ID 500
- Verifier® 300 LC, Verifier® 310 LC, Verifier® 320 LC
- SEEK®
- Verifier® Mw

Development Environment

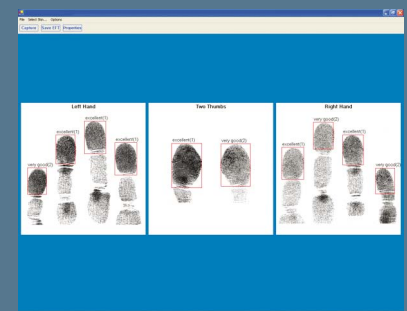
- Microsoft Windows XP or later
- .net Development System, such as Microsoft Visual Studio.net

Customer Support

Cross Match views our customers and software integration partners as critical to our success. We offer 24 x 7 helpdesk support at +1-877-474-0228. In addition, our world-class engineers are available to assist you with your integration initiatives.



Top Left slap fingerprint shot



2 flats plus 2 thumbs screen shot

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