AFIX Tracker®

Automated Fingerprint and Palmprint Identification

Designed from the ground up by and for Latent Print Examiners.
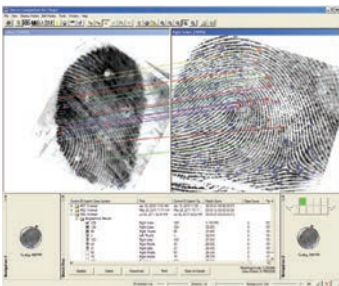
The Stereo Comparison screen which displays search results in AFIX Tracker, Tracker LW and Tracker RW provides a dynamic environment for the examiner's analysis and evaluation of candidates. Features include the visual linking of matching features, both as a complete pattern set and individually, the ability to view both record and latent search results in a single screen, the ability to edit minutiae patterns and get immediate dynamic updating of search results without resubmission of the search and a WYSIWYG stereo print capability.
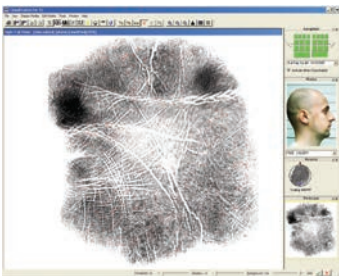
AFIX Tracker, along with the Tracker LE and Tracker RW variants, provide full palm print entry and editing capability. Tracker and Tracker RW also provide a full spectrum of record palm and latent palm search options, including the ability to search either full, undivided palm images, or, for examiners with advanced palm training, the ability to divide record palm images into sections for more focused search capabilities.

Tracker was the first automated fingerprint and palm print identification system to run on affordable PCs using familiar Windows software -- and provide the same advanced capabilities as far more expensive systems, including "lights out" searching of remote AFIS systems and fully-scalable search performance. Tracker is compatible with most major live scan devices and can share files with other NIST-compliant systems. Your investigators' time should be spent solving cases, not learning complicated software, waiting for results or poring over candidate prints that aren't even close.

Tracker puts a powerful crime scene investigation tool within your grasp and your budget.

Affordable, Upgradeable, and Standards-based

- Complete "turnkey" system at low cost.

- Easily upgrade Tracker for increased database capacity and search performance.

- Fully NIST/EFTS-compliant.

- FBI-certified WSQ and JPEG-2000 compression.

- Easy to install and maintain. Runs in Windows OS on a standard PC.

- Unlimited toll-free technical support and all software updates are included in the support package.

- Add multiple workstations economically with Tracker LE (entry workstation), Tracker LW (latent workstation) and Tracker RW (remote workstation) compatible systems.

- AFIX Verifier and AFIX Identifier workstations coupled with inexpensive single finger readers add entry-exit control and inmate release verification capabilites.

- Distributed search engine technology provides complete search performance and capacity scalability.

- Complete integration of fingerprint and palm print identification capabilities in one system.

- Automatically conduct reverse searches of all new record prints against unsolved latents.

- Enter fingerprints, palm prints, and latents via flatbed scanner, digital camera, or live-scan devices.

- Scan tenprint cards in a single scan. Replace poor-quality rolled impressions with corresponding plain impressions or store both sets of prints.

- Automatic scaling of photographed latents. Scaling tool automatically compensates for unknown scale when scanning photographed latents or importing images directly from a digital camera.

- AFIX Smart Extract® automatically plots minutiae from rolled prints, plain impressions, and palm prints.

- Tracker allows, but does not require, user editing of minutiae at every step in the process (plotting, classification, even in the final comparison window). The Latent Print Examiner is always the final judge in plotting minutiae and identifying possible matches.

- Search every possible combination of ten-prints, palm prints, and latents with full 360° rotation when necessary or restrict rotation when orientation can be determined.

- Limit searches by biographical data, classification, or degree of rotation at the operator's discretion.

- Print reports of search results and final side-by-side comparisons.

- Interface with wireless fingerprint capture devices for real-time identification of suspects on the street.