

Forensic AFIS Solutions

Our Forensic AFIS system includes the complete application and equipments required to :

- Capture finger prints, palm prints and latent Prints.
- Latent image manipulation including enhancement.
- Data entry and control.
- Search verification and notifications.
- Database management systems.
- Includes court presentation graphic creation suite - the easy to use tool will produce evidence charts that points out common features with the candidate print and the latent print. It also uses enlarged images to point out similarities easily and efficiently.

Key Features in Details

- All the necessary hardware included
- Fully optics Highest durability scanner
- Fully scalable - Allow for multiple scanner setup and parallel processing
- Most accurate with the lowest False Acceptation Rate (FAR) $\leq 0.001\%$ and False Reject Rate (FRR) $\leq 0.01\%$, with the lowest error rate in the biometric market.
- Larger Matching Capacity
- Designed to serve in biometric solutions for national security.

Latent Image Capture and Editing

- Latent zoom.
- Latent rotation tool.
- Latent mirroring.
- Latent minimum/ maximum grey level adjustment, background color manuplations, Sobel and gabor directions and several other enhancement tools.
- Latency encoding options.
- Complete history of modifications and enhancements done.

Search Verification and Identification

- Supports 10 print - 10 print search.
- Supports 10 print - latent search.
- Supports Latent to 10 print search.
- Supports Latent to Latent search.
- Supports Palm to Palm search.
- Supports Palm to Latent Palm search.
- Supports latent palm to latent palm search.
- Exact match and identical match results.
- Automated notification systems.

Data Entry

- Capture full sized rolled or flat finger prints, palm prints.
- Automatic quality check systems to ensure the image quality.
- Special screens to capture and feed latent finger prints.
- Facility to enter case history and full profile with every candidate enrolled.
- Includes feature to enter new incidents together with the latent finger prints and other evidences.
- Easy to use display and editing of captured finger and palm prints.
- Automatic detection of image quality errors.
- Control the display of Minutiae, Cores, Deltas and other features.
- Data input for each candidate and incident based on requirement eg. name, address, picture etc.

Court Presentation Graphic Creation

- Supports various size of finger and palm prints.
- Multiple sources of evidence input.
- Supports enlargement and enhancement of the images.
- Easy to use graph and evidence creation suite. To request a quick quote, please click [here](#)