



Latent Examiner Workstation

Robust Tools for Latent Examination

Advanced Features

Latent Encoding

Auto-assist

Set latent encoding auto-assist to automatically detect latent print features and accept, change or reject its placement

Centralized User Management

Retrieve user/group information from a Centralized Active Directory/LDAP

Centralized Asset Management

Tightly integrated with digital asset management to enable latent examiners to:

- Track digital assets from their acquisition to court exhibit
- Protect authenticity of the assets
- Maintain chain of evidence admissible in the court of law

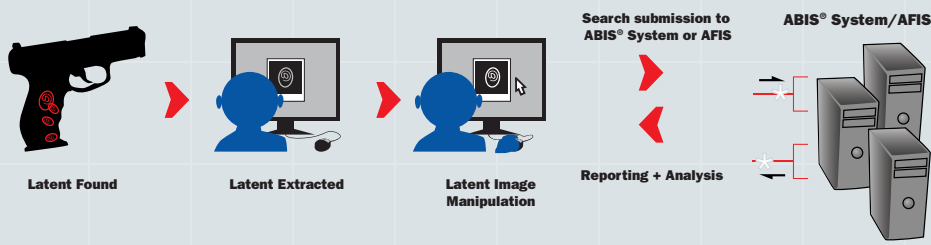
Latent examinations for crime scene investigations can be challenging and difficult with the wrong tools. The Latent Examiner Workstation can alleviate these concerns, and introduce new biometric technologies to further latent analysis. Conveniently and productively create, analyze, organize, search and share latent processing cases throughout their entire lifecycle.

Extensive edit and customization tools are available to assist in latent fingerprint identification. Once captured, the latent can be automatically or manually processed to optimize clarity for search submissions. Use the 3-D contour lighting and innovative variable contrast tools to enhance images without breaking your line of sight. You can also edit the minutiae to enhance bad areas, ridge flows, patterns and cores or deltas. Then analyze and compare latents searched against the ABIS® System or AFIS.

LATENT CLARITY AND EXAMINATION TOOLS

- Target and analyze specific cores, deltas and other minutiae or zone-out unused search areas
- Compare and contrast search results with zoom, charting and side-by-side comparisons for reporting
- Access user and administrator, Windows-based GUIs and tools to organize, filter and manage case files
- Move variable light sourcing for 3-D contouring of latents
- Achieve potential for higher-accuracy search results thanks to advanced algorithms including automatic pattern classifications

LatentExaminer Workstation Process



HOW IT WORKS

1. The latent image is captured from a flatbed lift scanner or digital video camera.
2. The image is enhanced with lighting, stylization and texture filters.
3. The software performs automated classification of image pattern, identification of core/deltas and extraction of minutiae.
4. The user can then perform manual editing and adjustment of core/deltas, ridge flow, exclusion zone boundaries, skeleton and minutiae for submission of extracted latents to the ABIS® System or AFIS.
5. Selection of queued search results, review of candidates with side-by-side display and matching minutiae highlights are provided to assist the forensic examiner.
6. A court exhibit document can then be produced with fully-automated or manually-selected numbering of corresponding matching minutiae.

LatentExaminer Workstation Specifications

Recommended Hardware

Requires Windows XP SP2, and the following minimum hardware

Desktop computer with 1GB RAM and 2GHz Intel or equivalent AMD CPU

1280x1024 video display resolution; a 20" or greater display

The LatentExaminer Workstation software is complemented by third-party imaging peripherals:

Epson model 4490 flatbed liftscanner

Point Grey Scorpion high resolution Firewire digital video camera

Adjustable camera stand and multipoint lighting unit

We can also supply a complete LatentExaminer Workstation with Windows or software only for installation on your existing workstations that comply with our minimum platform specifications.

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