



# Printrak Latent Lite Station

## Fundamental Workstation for Essential Latent Print Processing Capabilities

The Printrak Latent Lite Station is a cost effective solution that provides a fundamental subset of the functionality of the full feature Printrak Latent Station. The Latent Lite Station maintains the same quality and integrity that is associated with the entire Printrak Biometric Identification (BIS) portfolio. The software package is designed for agencies submitting to a central biometric system or Automated Fingerprint Identification System (AFIS).

The Printrak Latent Lite Station includes fully integrated fingerprint and palmprint capabilities. The solution can meet the basic latent needs of varying sizes of agencies, including capture, encoding, submitting to a central site, verifying the results, and maintaining the database. The software allows for intuitive operation and ease of processing latent prints.

Like the full-featured Printrak Latent Station, the Latent Lite Station includes automated encoding features in addition to manual encoding, providing latent examiners the flexibility to delete, modify, and add new minutiae. Additionally, the software includes basic enhancement tools, such as histogram and despeckling, to modify latent images to increase the quality and accuracy of searches.

The solution can be augmented with optional extensions, including ergonomic furniture, an FBI certified scanner, mounted camera, and additional software options, including LumenIQ 3D viewing, Universal Latent Workstation software, and Adobe PhotoShop software. Additionally, agencies have the option to purchase a latent case database to store multiple images per case. Each option is available at an additional cost, so it is important to consider the needs of your specific agency when selecting between the Printrak Latent Station and the Printrak Latent Lite Station.

### Only Printrak Latent Lite provides you with the ability to:

- Perform basic latent print examination functions including capturing, encoding and submitting latent images
- Import images from a variety of sources including industry standard digital image formats as well as an optional digital camera and scanner
- Deploy a high-quality, advanced latent station in the form of a cost-effective solution

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The Printrak Latent Lite Station includes core Latent Station software functionality to meet the needs of your agency.



Shown with optional hardware.

### Product Highlights:

- Includes basic capabilities to easily capture, encode, and submit fingerprint and palmprint searches
- Users may select between 1:1 and 1:N searches of both tenprint and palmprint files
- Allows upper, lower, and writer's palmprint functionality (enter, encode, search)
- Supports import of JPEG, JPEG 2000, Bitmap, NIST, WSQ, and TIFF files from a local folder on the PC
- Users have the ability to do automated encoding to reduce the amount of manual time dedicated to the latent
- Manual encoding is provided in to allow the user more time analyzing the latent image
- Provides basic enhancement features such as brightness, contrast, invert, reverse, and histogram as well as additional enhancements such as Gabor filtering and pattern removal
- Tracks and displays a permanent record history of each enhancement process used
- Offers the ability to view thinned images, auto minutiae and manual minutiae
- Excellent image viewing capabilities with continuous zoom
- Supports searching by palm region (right palm, hypothenar, etc.) or by specified 1" by 1" area
- Select a specific region of latent image for auto minutiae encoding and/or image enhancement
- Capture, view and encode images at 500 or 1000 ppi

### Software Features:

- Case Management screen provides a variety of functions on one screen
- Encoding screen provides a large viewing area and a variety of image enhancement tools that allow latent examiners to view an image from every angle
- View thumbnail images for a variety of possible hits, providing for a more efficient workflow

### Optional Software Features (Available as standard features with Printrak Latent Station):

- Full Review Station Package (Home Page, Verification, Database Find Tenprint, Database Find Latent, Charting, Quality Control, System Administration)
- Latent Case Database and Software
- Integrated Universal Latent Workstation (ULW) software
- Integrated Adobe Photoshop software
- Integrated LumenIQ 3D Viewer software

### Optional Hardware Features (Available as standard features with Printrak Latent Station):

- FBI Appendix F Certified Tenprint and Palmprint Card Scanner – 500 ppi or 1000 ppi flatbed scanner
- Appendix F Certified or Twain driver support
- Mounted camera for capture with back lighting and adjustable side lighting allows users to position evidence directly under the camera
- Supports Pixera 600 ES camera
- Supports Lumenera 2-3M camera with a capture area of 3.3 megapixels
- Utilize a workstation with ergonomic furniture
- Optional Features meet RoHS compliancy



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