



Printrak PrintScan Essentials Station

Intuitive Card Processing Station Providing Fundamental AFIS Submission Functionality

The Printrak PrintScan Essentials Station is a solution specifically designed for organizations that require cost-effective tenprint and palmprint scanning capabilities. PrintScan Essentials incorporates a subset of specially selected features from the globally successful Printrak PrintScan Station into a high quality, reliable solution.

The Printrak PrintScan Essentials Station answers the needs of customers who require intuitive card processing, secure data transfer, and trusted results without the burden of costly manual labor. Fingerprints, palmprints, and mugshots are captured by a high-resolution flatbed document scanner, which quickly captures an entire tenprint card at either 500 ppi or 1000 ppi.

PrintScan Essentials supports the entry of text associated with each tenprint or palmprint record. The operator also has the ability to input additional data to facilitate searches, such as information about amputated or bandaged fingers. After a card is scanned, the operator has the ability to perform a quality check which identifies and labels data inconsistencies (e.g., errors resulting from slap-to-roll comparison). If no errors are present, the operator then submits the search to an Automatic Fingerprint Identification System (AFIS) for feature extraction and a "lights out" search.

The Printrak PrintScan Essentials Station expedites the process of converting tenprint and palmprint cards to a NIST compliant file and provides the essential features of a card entry system for those who need it most.

Only Printrak PrintScan Essentials Station provides you with the ability to:

- Expedite the process of biometric card processing
- Capture flight biometrics media and supporting documents with a convenient, centralized workstation
- Utilize the essential features of the Printrak card processing solution

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The Printrak PrintScan Essentials Station features a set of select features from the globally successful Printrak PrintScan in a high-quality, cost-effective solution.



Shown with optional hardware.

Product Highlights:

- Convenient, centralized capture station for all flat biometrics and non-biometrics media such as fingerprint/palmprint cards, photographs, signature cards, and supporting documents
- Captures maximum image size allowed by NIST, the FBI, and all state agencies
- Connectivity to Printrak Automatic Fingerprint Identification Systems (AFIS)
- Multi-language support
- Capable of 500 or 1000 ppi scanning
- Optical Character Recognition (OCR)
- Customizable form layout and descriptor field definition
- World class service including a responsive 24/7 service center

Hardware and Software Features:

- Fully compliant to ANSI NIST, XML, and other international interfaces and industry standards
- Meets FBI CJIS Division's Integrated Automatic Fingerprint Identification System Image Quality Appendix F Specifications
- Easily interfaces with AFIS-related solutions
- Capable of packaging the captured data in industry standard formats such as NIST, XML, WSQ, and JPEG2000
- Easily submits captured data to any industry standards-compliant backend system
- Advanced AFIS algorithms identify sequence errors to ensure the highest input data quality
- Optional FBI Appendix F Certified Tenprint and Palmprint 500 or 1000 ppi flatbed card scanner



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