



# Printrak PrintScan Station

## Efficient Card Processing with Complete Scanning, Feature Encoding, and AFIS Submission Functionality

The Printrak PrintScan Station answers the needs of customers who require intuitive card processing, secure data transfer, and trusted results without the burden of costly manual labor. It is a convenient, centralized capture station for all flat biometrics and non-biometrics media including fingerprint and palmprint cards, as well as photographs, signature cards, and other supporting documents. All documents are captured by a high-resolution flatbed document scanner, which quickly scans an entire tenprint card at either 500 ppi or 1000 ppi.

The Printrak PrintScan Station is a highly configurable application that provides the administrator the ability to customize multiple object formats, layouts, and label descriptor fields. It 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.

Printrak PrintScan Station includes features to improve the processing of biometric and non-biometric media. Fingerprint images are automatically centered to minimize card processing and the Optical Character Recognition (OCR) feature automatically extracts descriptors from the document to minimize manual data entry. 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 Station expedites the process of converting tenprint and palmprint cards to a NIST compliant file and provides a complete feature set of a card entry system for those who need it most. Combined with the features of the Printrak Review Station (which is included with Printrak PrintScan Station), agencies now have the ability to meet their card processing needs intuitively and seamlessly.

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

- Capture and process flat biometrics and non-biometric media as well as supporting documents at one convenient, centralized workstation
- Expedite the process of biometric card processing
- Interface with one of the most configurable applications in the industry available that allows administrators to customize the solution to fit their needs

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## Efficient Card Processing with Complete Scanning, Feature Encoding, and AFIS Submission Functionality

The Printrak PrintScan Station includes a complete selection of scanning, encoding, and submission capabilities all in one station.



### 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)
- FBI Appendix F certified software and certified high speed scanner
- Multi-language support
- Quick Check Card Quality
- Supports multiple search parameters and multiple search descriptors
- Automated fingerprint image centering and descriptor extraction (OCR)
- Customizable form layout and descriptor field definition
- Capable of 1000 or 500 ppi scanning
- Distributed quality control capability
- 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
- AFIS feature extraction distributed processing module
- Includes Review Station software
- FBI Appendix F Certified Tenprint and Palmprint 500 ppi or 1000 ppi flatbed card scanner



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