



TouchPrint™ Card Scan Systems

Fast Conversion of Inked to Digital Images

TouchPrint™ Card Scan Systems are ideally suited for detention or processing facilities that do not have live scan equipment, or central records bureaus that create digitized inked fingerprint records either for submission to AFIS systems or archive at a central records repository.

Fast, high-quality conversion of inked images to digital records provide the ideal solution for lower volume processing sites that want to participate in an electronic fingerprint identification network. TouchPrint™ Card Scan Systems combine proven flat-bed scanning technology with advanced fingerprint image processing techniques from L-1 Identity Solutions to establish Appendix F certified digitized tenprint fingerprint records taken from hard-copy inked cards.

Digital records created with TouchPrint™ Card Scan Systems can be transmitted electronically for identification processing by a local or state AFIS, or for archive at a central records repository. Employing easy to use TouchPrint and TouchPrint Enterprise software, TouchPrint Card Scan Systems are compatible with TouchPrint™ Live Scan Systems, ensuring consistency across a live scan network.

The TouchPrint Card Scan System features a fast flat-bed scanner for precise, high-resolution image capture. The system automatically checks for lateral and angular misalignment of the card and alerts the operator if an alignment

problem is detected. The system digitizes the fingerprint images, applies automatic contrast equalization and extracts the digital image of each individual fingerprint on the card. If additional copies of fingerprint cards are required, the system can be equipped to print records on standard 8 inch x 8 inch cards (or other forms) in user-selectable quantities.

Modular architecture design allows TouchPrint Card Scan Systems to be easily configured with standard and optional components to provide flexible applications support as agency needs evolve. The workstation's high-performance computing platform can perform simultaneous card scanning, demographic data entry, and communications.

TouchPrint Card Scan Systems are in full compliance with FBI, NIST and ANSI standards for fingerprint image data quality, data formatting and image compression, ensuring optimum compatibility with all AFIS systems. TouchPrint Card Scan Systems can be equipped for either dial-up (modem) or LAN/WAN digital network communications for record transmission to a central facility.

DEMOGRAPHIC DATA

Demographic data can be downloaded from a central database or entered interactively using the workstation's keyboard. Common values such as ORI (Originating Agency Identifier) can be preset, and automatic format and content checks can be performed during manual data entry to ensure the creation of error-free records.

FILE COMMUNICATION SYSTEM

File Communications System (FCS) open network protocol allows TouchPrint Card Scan Systems to interface with a booking or central records host for downloading validated demographic and case data.

TouchPrint™ Card Scan Systems Specifications

FBI Certified high performance flat bed scanner	
PC desktop system utilizing the latest Pentium® platform	
WSQ image compression/decompression	
Power Requirements (exclusive of printers)	100-120/200-240VAC; 6/4 Amps; 60/50 Hz
Standards Compliance	IQS Appendix F certified
Add-On Configuration Options	
TouchPrint™ Simplex and Duplex Printers: Up to 5 networked simplex and/or duplex printers with 1 to 5 trays plus manual feed	
Ethernet LAN/WAN Communications	
Token Ring LAN/WAN Communications	
Communications Protocol Options	TCP/IP/NFS Protocols; Interfaces for Sagem Morpho, NEC NATMS, Printrak, and Cogent AFIS Systems

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