L-1 IDENTITY SOLUTIONS™

BIOMETRICS DIVISION

TouchPrint™ Enhanced Definition Live Scan Series

From the industry leaders in live scan, comes a higher level in image quality...

High Quality, Low Difficulty

With over 20 years experience and thousands of live scan systems deployed with law enforcement, border control agencies, and corporations around the world, we know that the success of any fingerprinting program hinges on only a few factors such as image quality, capture speed and ease of use. To ensure more AFIS hits, you need a live scan with enhanced definition capabilities to capture higher quality images. If you need have a high volume of subjects or applicants that require processing, you need a live scan with auto capture capabilities to make it easier for both the subjects or applicants as well as the live scan operators. Our TouchPrint™ Enhanced Definition series of live scan solutions deliver consistent, high quality images quickly and easily.

TouchPrint™ Enhanced Definition Series

TouchPrint™ ED 3000/3100
Totally sealed live scan unit with rugged or stylized exterior for high traffic environments. Available with SDK for system integrators or as complete desktop or transportable system for in-house or remote use.

TouchPrint™ ED 4100/4100 Extreme
Captures both slaps and rolls in a compact footprint - 6 inches by 6 inches by 6 inches, and only 5 pounds - with the same image quality and technology you expect. The Extreme is a rugged unit passing MIL-STD-810F tests and ingress protection ratings (IP65).

TouchPrint™ ED 3500/3800 Booking Stations
Standalone system with built-in monitor, keyboard and adjustable height controls, designed to withstand heavy traffic environments. The 3800 includes a unique, integrated full hand scanner with a cylindrical platen to capture minutiae from fingertips, through cup, thenar, writer's palm and carpal crease.

TouchPrint™ ED 4800 Palm Scanner
Unique design to capture slaps, rolls, palm and writer's edge all on a single, flat platen available in the smallest palm scanner footprint available today.

TouchPrint™ Enhanced Definition 3000 Live Scan

TouchPrint™ Enhanced Definition 3100 Live Scan

TouchPrint™ Enhanced Definition 4100 Slap and Roll Live Scan

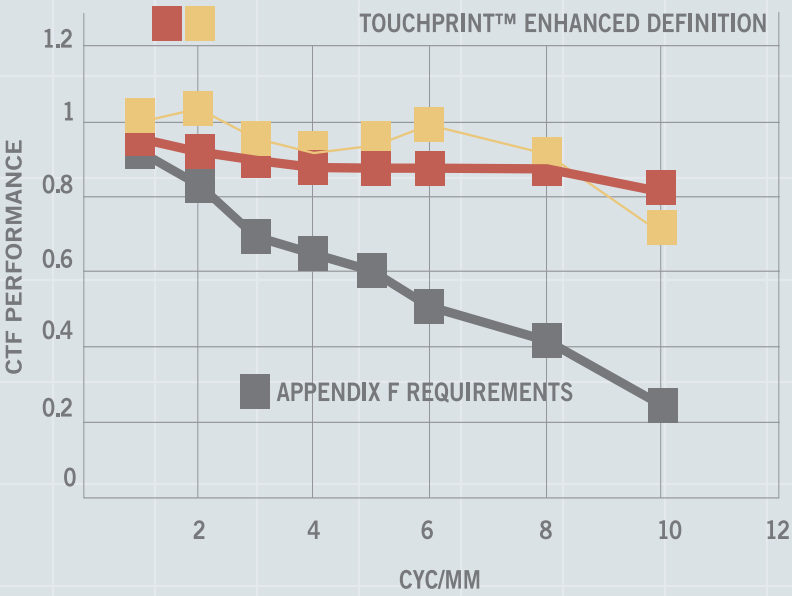
TouchPrint™ Enhanced Definition 4100 Extreme

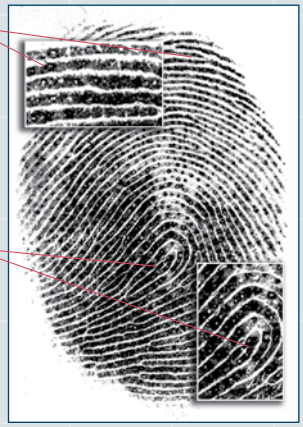
TouchPrint™ Enhanced Definition 4800 Palm Scanner

TouchPrint™ Enhanced Definition 3500 Booking Station

TouchPrint™ Enhanced Definition 3800 Booking Station with Integrated Full Hand Scanner

Experience the Image Quality Difference





Going Beyond Appendix F with Enhanced Definition

CTF Performance: Contrast Transfer Function
Stronger CTF = More Fine Feature Detail
CYC/MM: Cycles per Millimeter

TouchPrint Enhanced Definition images provide 300% greater contrast and ability to read fine features than minimum Appendix F requirements. This means better data and greater clarity for AFIS submissions.

Superior Optics Result in Superior Image Quality

Maintaining the advanced features that made the TouchPrint live scans the industry standard in image capture quality, Enhanced Definition goes beyond representing a breakthrough in optics and electronic imaging.

More pixels captured per inch than standard 500 ppi live scan systems means more data captured, but even more importantly, the TouchPrint Enhanced Definition series provides the image clarity needed to read the features and detail in the ridge structures. Our live scans deliver maximum contrast and grayscale, enhancing more minutiae and pore details in the fingerprint image with virtually no distortion. The patented optics 'see' through moisture, making it easier for you to capture high quality images consistently regardless of challenges like sweaty fingers.

All live scans are NOT created equal.

The TouchPrint Enhanced Definition series deliver results beyond the minimum Appendix F requirements for standard definition live scans to deliver the best results in the field.

MORE IMAGING POWER
3.5 times the pixel density

CLEAN IMAGE VIEW™
70% greater signal-to-noise ratio for a greater ability to read features and detail in the ridge structures

PRECISE IMAGE DISTRIBUTION
200% less geometric distortion than for better accuracy of minutiae and ridge detail location

FINE FEATURE CONTRAST™
300% higher CTF/MTF performance over for enhanced image sharpness and clarity (see chart above)

MOISTURE DISCRIMINATING OPTICS™
Ignores moisture and sweat to prevent blobs that degrade image quality

DUAL BEAM ILLUMINATION™
Provides greater uniformity across platen capture region

ANTISMEAR™ TECHNOLOGY
Prevents smudging and smearing

NO MOVING PARTS IN THE OPTICS DECK
With less to break, you can expect lower maintenance costs a longer uptime

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Commitment to Service and Customer Success

In addition to being the live scan provider of choice, we also offer a wide range of services including planning, design installation, training, onsite support and a 24-hour help desk. You can choose from a variety of standard maintenance plans or work with us to develop a custom support program.

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