



## Multi-Biometric Capture Station

### Strong Identity Management Starts at Enrollment

- We are the multi-biometric industry leader offering fingerprint, full palm, face and iris technologies
- We participate in developing biometric standards such as those being adopted today
- We are the exclusive licensors of the new Daugman 07 2Pi iris algorithm

The Multi-Biometric Capture Station (MBCS) is a complete solution that includes multi-biometric data capture in accordance with industry-specified guidelines and standard formatting for processing and transmitting background checks. You can select from many different options and a full range of systems to help meet the challenges of capturing fingerprints and face images for applicant processing or civil ID programs such as US HSPD-12. Document authentication is also possible with our iA-thenticate® device. For special applications not requiring HSPD-12 compliance, you can also add fast and accurate iris image capture with the streamlined US DOD-accepted PIER-T™ device.

Operators receive feedback on image quality in real-time, so the process is more intuitive and easily managed, yielding faster and more accurate background check results and fewer rejections. Users can manage and control image capture tools, such as auto-capture,

cropping, and centering, in line with ISO/ANSI/NIST requirements. Advanced 'region of interest' techniques are used to help improve performance as biometric data stores are compressed to meet storage requirements for specific applications. Required enrollment functionality is already built into the GSA-certified MBCS, so you can get the system up and running quickly.

#### System Components

- TouchPrint™ Enhanced Definition Live Scan
- TouchPrint™ Applicant Software pre-loaded and tested
- Photo Capture Camera with backdrop
- Desktop or Laptop PC
- Cables
- Power supplies

## Additional Product Offerings

We also offer a wide range of interoperable, standards-based, modular components that come together to create a complete biometric ID management solution:

### ABIS® System

A web-based, scalable search engine uses state-of-the-art Facelt® technology and has built-in image quality controls to ensure maximum performance and compliance with ISO standards and ICAO guidelines.

### PIER-T™

This rugged handheld device connects to a host PC or laptop, giving you all the power of iris matching in a lower-cost package. Similar to the PIER™ 2.3 system, the PIER-T™ handles enrollment and matching functions onboard, and is intuitive and easy to use, even in harsh environments.

### iA-thenticate®

A combined hardware and software product designed to automatically authenticate documents, such as passports, visas, immigration cards, driver's licenses, and military ID cards, as well as smartcard IDs, such as ePassports, that individuals use as proof of identity.

### Workflow Manager and Archiver System

A system that lets you control the transmission of records from the MBCS to the ABIS System, a third party AFIS, or an identity management system.

### Multi-Biometric Verification Station

A simple workstation application for verifying live identity against stored data.

## Specifications

### Fingerprint Capture

Slap capture at 500 ppi fingerprint segmentation for FBI submission

Appendix F certified

WSQ compression

Export to CBEFF compliant record (Patron A Headers)

### Face Capture

Digital camera

Region of interest compression

Export to CBEFF compliant record (Patron A Headers)

**Iris Capture** (currently not in compliance with HSPD-12)

Small, rugged hand held form factor

Onboard image quality controls

Live video feedback for easy image capture

### Standards Compliance

FBI Certified NIST record formats 1,2,4,7,10, and 14

INCITS ANSI 378/379/381/385

ISO/IEC Biometric Data 19794-2, 19794-4, 19794-5, 19794-6

Interchange Formats:

IEC 15444, "JPEG 2000 Image Coding System"