



## Printrak Bio-Verify

Multi-modal biometric verification solution for rapid 1:1 or 1:many identification with an intuitive interface

### Only Printrak Bio-Verify provides you:

- Easy integration into a number of IT and physical environments
- Accurate 1:1 biometric verification or 1:many identification based on single or multiple biometrics
- Ease of use with intuitive interfaces that all users will find welcoming
- Flexible solution with a variety of different workflows which can also be customised to specific requirements
- Security options to enhance data integrity and help protect citizen privacy
- Trusted experience of supporting over 300 customers in nearly 40 countries
- Commercial-Off-The-Shelf (COTS) hardware and software
- Interoperable technology based on all appropriate standards

Whether it is a border guard checking passports of people crossing the border from one country to another, a train conductor checking national ID cards to verify the identity of those aboard, or a benefits officer validating the status of a welfare recipient, Printrak understands you need an advanced biometric solution that provides trusted verification in a variety of different environments. The Printrak Bio-Verify solution allows government agencies to verify a document belongs to a particular individual through a 1:1 biometric match against a secure document or to identify the person through a 1: many search against a database. This ensures the right people are receiving benefits, have access to information or can enter a country via a land border, airport or sea port. Furthermore, the verification solution can be seamlessly integrated into a customer's current application and processes for a smooth and easy transition. The Printrak Bio-Verify solution is designed to work in a wide range of environments, for example land border crossing, sea port, airport, military base, office, perimeter security entrance/exits, and sporting events.

Printrak Bio-Verify Solution is Applicable in Programs Such As:

- Visa verification
- National ID card programs
- Voter ID verification
- Social benefits distribution
- First responder verification
- Employment verification/registration
- Employee identity verification such as the PIV for US federal employees
- Passport verification

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The Printrak Bio-Verify is an innovative solution modularly designed to enable upgrades as system demand increases or as new technologies enter the market.



## Product Highlights:

- Fully compliant with international standards such as:
  - National Institutes of Standards and Technology (NIST) data transmission (ANSI and Interpol formats)
  - NIST/INCITS M1 templates
  - ISO SC37 biometric templates
  - International Labor Organisation (ILO) for sea farers
  - International Civil Aviation Organisation (ICAO) for travel documents
  - Personal Identification Verification certification
  - FIPS 201 solution
- Connectivity to third-party systems for for quick 1:many searching or 1:1 matching
- Ability to read secure documents (data page and RFID chip) for viewing and matching
- Provides highest quality biometrics
- Highly configurable software to support various verification scenarios such as visa, passport, national ID, social benefits program, voter registration, PIV, etc
- Configurable workflows designed to capture fingerprints and facial images with operator instructions, instant graphical feedback and quality assurance checks to ensure data entry accuracy
- Intuitive and instructive graphical user interface
- Auto Face Finder system to quickly faces for matching
- Supports digital cameras with optical zoom
- Multi-language support
- Touch screen operation (optional)
- Scanner with auto calibration, no moving parts, and a sealed platen for water resistance
- Ergonomic and sleek kiosk
  - No moving parts for easy maintenance
  - Designed for easy use by children and those in wheelchairs
  - Incorporates all COTS hardware for improved serviceability
- World class service including a responsive 24/7 service customer call center

## Software Features:

- Intuitive software for operator lead or self biometric capture for accurate verification
- Configurable biometrics: Selection of 2D facial, 1-10 fingerprints, iris, 3D face
- Reliable quality control steps that assure high quality biometric capture
- Clear instructional graphical user interfaces
- Auto Face Finder system to quickly find face for matching
- Real time feedback on quality and standards compliance to the operator
- JPEG 2000 and WSQ compression
- System administration and management tools

## Hardware Features:

- Personal Computer
- Laptop (optional carry case)
- Kiosk
- Mobile/handheld device
- Peripherals
  - Commercial Off The Shelf (COTS) digital camera (2D facial capture)
  - FBI certified single finger scanner
  - FBI certified 4-4-2 fingerprint scanner
  - Commercial Off The Shelf (COTS) signature pad
  - Iris camera
  - 3D facial camera
  - Machine Readable Zone (MRZ) reader
  - RFID chip/MRZ reader
  - Contact smartcard reader
  - 2D barcode reader
  - Commercial Off The Shelf (COTS) document scanner for birth certificates, application forms



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