

## PositiveID+

PositiveID+ offers law enforcement and correctional facilities a cutting edge biometric solution for positively identifying suspects using fingerprint identification and facial recognition technologies. With support for desktop, mobile and web based applications, PositiveID+ quickly identifies subjects and provides critical access to arrest data and mugshot photos. Best of all, PositiveID+ seamlessly integrates with existing Jail, Records and LiveScan systems providing a cost effective and reliable biometric solution.

## Fully Integrated

PositiveID+ was designed to operate standalone or integrated with existing Jail, Records and Livescan systems. This enables biometric identification capabilities to be added more cost effectively than most systems, and without adversely impacting the existing environment.

PositiveID+ also supports automatic fingerprint and data import from 10 print LiveScan systems (NIST Type 4) as well as third party systems that support industry biometric standards.

## Matching Capabilities

Positive ID+ is a full featured biometric solution that includes both fingerprint identification and facial recognition. Fingerprint searches support both rolled and flat prints with adaptive image filtration that helps to eliminate noise, ridges, ruptures, and stuck ridges. This allows PositiveID+ to obtain matches even when using poor quality fingerprints that may be rotated, translated or deformed. PositiveID+ also supports single, dual and mobile fingerprint reader devices.

Facial recognition searches can be performed at speeds faster than fingerprints using an agency's existing mugshot photos. Since most agencies have years of historical mugshots available, users can immediately benefit from a large initial facial recognition database to assist with intake identifications and investigative functions. Searches can also be performed by importing an image from file, digital camera or cell phone.

## Sharing

PositiveID+ can be installed in a contained intranet or exposed to the internet for secure sharing with outside agencies like prosecutors, patrol staff, and local & federal agencies. By using standard web service technologies PositiveID+ makes configuring and managing shared large scale systems easy. In most cases a single installation on an agency server makes the application available to all authorized users within the agency's environment. To ensure overall system security, all users are required to log in with their provided username and password or Active Directory account.

## Valuable Results

When a biometric match is found, valuable information like demographics, mugshots, prior arrests and warrant information are provided to officers. These data elements are completely customizable depending on an agency's needs and provide vital information to officers in a matter of a few seconds.

PositiveID+ also includes numerous features that allow officers to get the most out of their match results. Results can be automatically saved for future use and retrieved at any time for reporting and auditing purposes. For result sets with multiple matching records, filtering and comparison tools are also available to assist officers in narrowing down their matches. PositiveID+ also supports reporting for hard copy output of match results with their accompanying data elements.

## Mobile Solutions

Positive ID+ is available for use with mobile devices extending its matching capabilities and reliable identification to any location where wireless or WiFi communications are available. Designed for ease of use and flexibility, PositiveID+ allows for fingerprint search from patrol car laptops, MC70/75 Motorola wireless handhelds, as well as facial recognition searches with Blackberry, Droid and iPhone devices. Using PositiveID+ mobile solutions, officers can quickly reveal a subject's true identity, helping them to more quickly assess potential risk.

## Solutions

- Suspect identification during patrol
- Sex registrant address verification
- Gang member identification
- In-cell inmate verification and identification
- Verification of subjects at intake and release



## Features

- Integrates with your Records, Jail & LiveScan systems
- Fast matching for fingerprint identification & facial recognition
- Fingerprint and data import from LiveScan
- USB & Wireless handheld units available for fingerprint matching
- Single and dual fingerprint device compatible
- Digital camera, Blackberry, Android and iPhone facial recognition capabilities
- Mobile phone facial recognition using Blackberry, Android and iPhone devices
- Match results are saved for future use and reporting purposes
- Scalable architecture supports speed and growth



## Specifications

### Reliable Results

PositiveID+ uses the MegaMatcher algorithm for fingerprint identification and facial recognition matching. Megamatcher is one of only 18 algorithms worldwide to receive full MINEX Certification for both fingerprint template encoding and matching providing officers with the confidence that their match results are backed by NIST certification for personal identity verification.

This powerful matching engine enables fingerprint matching of 20,000 – 25,000 prints per second. Fingerprints can be identified even if they are rotated, translated or deformed. Facial recognition matching speeds are faster and enable matching speeds of 25,000 – 30,000 faces per second.

*\*The Minutia Interoperability Exchange Test (MINEX) evaluates fingerprint template encoding and matching to determine compliance with government Personal Identity Verification program for the identification and authentication of federal employees and contractors.*

### Scalable & Affordable

Designed for scalability and growth, PositiveID+ supports multiple nodal system scalability so that as the biometric database grows, system speed and stability can be maintained. This allows parallel matching to distribute processing power over multiple servers (physical or virtual), increasing efficiency and matching speeds even as the system grows.

For large scale systems and implementations PositiveID+ can be configured to support "high availability" environments. Multiple instances of the biometric database and application servers can be clustered to support the requirements associated with large scale implementations. In addition, unlike many other biometric products, PositiveID+ can support an unlimited database size with no per finger or face template costs reducing the on-going maintenance cost of the solution.

- Scalable architecture supports speed & growth
- SQL & Oracle database compatible
- Cluster capable for large scale systems
- Application & biometric server redundancy
- Centralized management and monitoring
- Supports biometric standards: ANSI/NIST ITL-1-200 and ANSI/INCIST 378 2004
- MINEX certified

