



# **Case Study:**

## ***Homeless person ID system, Department of Human Services In San Francisco***

*The City & County of San Francisco Department of Human Services installed a turn-key, web-based homeless person identification system using BioLink's U-Match Input Devices and Automated Multi-biometric Information System (AMIS).*

The City & County of San Francisco Department of Human Services installed a turn-key, web-based homeless person identification system using BioLink's U-Match Input Devices, Authenticon Cluster Array (ACA) and Automated Multi-biometric Information System (AMIS).



### ***Project Background***

- Necessity to reliably track the scope of social services and those entitled to such services
- Non-availability of identification documents with several population groups requiring social support (such as homeless people)
- Fraudulent attempts to repeatedly obtain social services and benefits via multiple identities and identity substitution

### ***System Implementation***

#### **1<sup>st</sup> Stage**

At the first stage, the system was implemented to identify San Franciscans entitled for benefits and gratis services in order to prevent fraudulent use of Social Service benefits via multiple identities and identity substitution. The system operates at 40,000 matches per second and is accessed at tens of workstations across the city.

#### **2<sup>nd</sup> Stage**

At the second stage, the system was significantly refined and expanded. It is centralized and distributed with data processing performed in a central computing office.



### ***BioLink AMIS Performance***

The system is based on BioLink Automated Multi-biometric Information System (AMIS) so flexible and easily customizable that the employer quite promptly implemented it into the existing infrastructure without much effort on the part of BioLink. Blade servers also provided by BioLink are now installed on a new hardware platform leading to speeding up the matching procedure and increasing the total performance of the system.

The employer purchased for this project the latest fingerprint scanners BioLink U-Match MatchBook 3.5 with faster math, advanced optics, enlarged scanning surface and full compliance with the biometric industry standards. The system provides database portability and cross-compatibility thanks to the Universal Image Processing technology thus allowing operation both with new and previous BioLink scanners.

### ***Result of Implementation***

The system installed in the City & County of San Francisco Department of Human Services speeds up automation of welfare issue procedures, considerably improves the quality of services rendered and prevents fraud. It already helped detecting repeated attempts to receive benefits and free services and is expected to prevent fraud and significantly reduce risks of granting welfare and free services to unauthorized persons. The employer is quite satisfied with the system's speed and accuracy.



#### **About BioLink Solutions**

BioLink Solutions is a trusted global provider, supplier and expert in biometric identification solutions, systems and professional services.

Employing the best international practices and scientific developments, BioLink is committed to building, deploying and maintaining a full range of award-winning biometric identification and identity management solutions worldwide.

For more information please visit [www.biolinksolutions.com](http://www.biolinksolutions.com)