Vascular Biometrics used for Facility Management in Bosasa Youth Development Centers

Finger vein biometric technology has enabled the Bosasa Youth Development Center to eliminate duplicate paperwork and time-consuming data entry tasks through quick and efficient identification management.
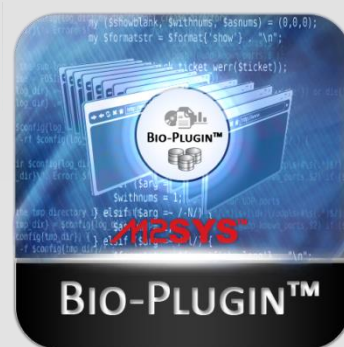
Find out more about how Bosasa employed a finger vein system to streamline their member tracking system.

Challenge

With more than 20,000 members across the country, the Bosasa Youth Development Center needed a way to streamline their facility management system. Their existing member management solution was not ideal because members could lose their personal identification numbers (PINs) or ID cards, lend them to friends, or even forget them at home. This led to lost revenues and time inefficiencies. For economic reasons and to ensure the quality of activities and services being offered, Bosasa began to search for an integrated, turnkey biometric technology solution that would eliminate fraud and simplify club access for members. M2SYS Technology had the answer.

Solution

By the end of 2013, the Bosasa Group contacted M2SYS requesting a software development kit (SDK) to integrate with their existing software. The solution would need to simplify club access for members and prevent non-members from entering the facilities.

M2SYS Technology initially installed a pilot system in five of their centers in order to demonstrate the efficacy of **Bio-Plugin™** (finger vein biometrics). The pilot was extremely effective and in 2015, Bosasa decided to deploy the **Bio-Plugin™** solution in all twenty five centers across South Africa.

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Terminals were set up in more than twenty five centers, along with a web based terminal server application with a database capacity over 20,000, and at least 25 **M2-FingerVein™** optical scanners were delivered. It is no longer necessary for Bosasa members to carry cards or keys, they simply provide their biometric credentials for facility access.

Benefit

The Bosasa Youth Development Center has realized numerous benefits since deploying the M2SYS finger vein biometric solution. It has helped   to continue rapid member growth, while simultaneously improving security and eliminating lost revenue due to fraud. Plus, implementation of the M2SYS Bio-Plugin™ finger vein biometric identification system now enables Bosasa Youth Development Center members the ability to access facilities in less than a second, using only their finger vein.

About M2SYS

M2SYS Technology is U.S. based, biometric research and development firm. Since our inception, we have worked closely with our clients with the goal to enable them to capitalize on the benefits of using biometrics for security and identity management and accelerating their return on investment (ROI).

By cross referencing thefts with user log-ins at various facilities, the youth development center was able to find the perpetrators. Additionally, Bosasa was able to leverage their finger vein biometric system in marketing materials. As a premium club with discerning members, Bosasa is proud to advertise that they have the very latest tech solutions to benefit members.