

Case Study on Infintie Solutions Integration of M2SYS Bio-Plugin™ Web Based Biometric SDK with Core Banking Solution

Problem Statement

Due to the fact that the financial sector is suffering from weak security protocols for securing banking transactions and struggling with inaccurate customer identification, Infinite Solutions was looking for a biometric solution to easily integrate with their core banking system that would assure accurate customer identification and secure banking transactions.

Client Profile

Headquartered in Ulaanbaatar, Mongolia, Infinite Solutions, LLC, is a global Information Technology solution provider that implements financial technology solutions, biometric identification/enterprise solutions and global IT outsourcing for ambitious and passionate businesses across the world.



Challenges

Infinite Solutions was looking for a convenient way to secure banking transactions and provide accurate customer identification for their core banking solution. Due to the fact that the banking sector is suffering from weak security protocols for securing banking transactions and struggling with inaccurate customer identification and a rise in fraud, Infinite Solutions sought to integrate biometric identification into a core banking solution for their clients. They were desperately looking for a way to easily integrate a web based biometric authentication system with the core banking system to provide fingerprint and finger vein identification for transaction and customer verification.

Solution

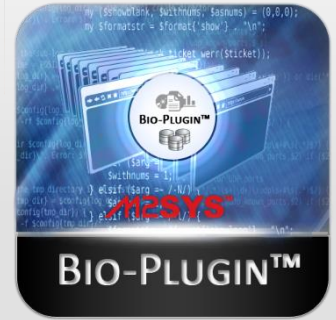
Infinite Solutions selected M2SYS **Bio-Plugin™**, a biometric SDK (Software Development Kit) to integrate a web based fingerprint and finger vein biometric identification system into the core banking system in 2014. They integrated this solution with the capability of a 60,000 database size to deploy in 20 different client locations. By implementing this solution with the **M2-FuseID™** smart finger reader which has strong anti-spoofing capabilities they were able to provide a secure and accurate biometric identification system with the core banking solution to their customers.



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Bio-Plugin™ is an enterprise-ready revolutionary biometric middleware solution that allows developers to rapidly integrate a biometric identification system without the development work required. It supports major biometrics modalities such as fingerprint, finger vein, and palm vein and integrates with any third party system such as core banking software.



M2-FuseID™ is a revolutionary “smart” fingerprint reader that simultaneously and safely captures the unique finger vein pattern inside your finger. By collecting the complete biometric characteristics of a single finger, this affordable, next-generation fingerprint reader ensures 100% enrollment rates and has strong “liveness” detection anti-spoofing capabilities.

Benefits

By utilizing **Bio-Plugin™** from M2SYS, Infinite Solutions provided an accurate biometric fingerprint and finger vein identification system with the core banking solution for customer identification and secure transactions. Due to the fact that biometrics are unique for every individual, this technology can accurately and automatically identify anyone within seconds, helping to bring security and efficiency in a convenient way. Here are some major benefits that biometrics helped secure within their core banking solution:

- Accurate customer identification
- Fast and secure transactions
- Concrete audit trails of transactions
- Prevention of banking fraud
- Convenience to the banking system

About M2SYS

M2SYS works closely with its clients, enabling them to capitalize on the benefits of biometric technology for security and accelerating their return on investment (ROI). This case study on integrating **Bio-Plugin™** biometric SDK (software development kit) with a core banking system for Infinite Solutions shows how the M2SYS biometric SDK solution can easily be integrated with any third party core banking software system to ensure fast, accurate and secure identity management.



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