

Bio-Plugin™ Biometric Software Development Kit (SDK) Integrated with Web Based Workforce Management Solution in Bahrain for 5,000 Employees

Challenge

Bahrain based manufacturing and construction company Mass Contracting Co. WLL was looking for a solution to integrate biometrics with their web based workforce management system. They have their own workforce management solution and were looking for a solution that would enable them to accurately identify their employees and visitors with biometric technology. They were trying to make their employee profile management system more accurate and increase office security through proper visitor management. They were exploring the idea of adding biometric identification to their software in order to eliminate these challenges.



Solution

Due to the fact that they have an existing workforce management solution, they were not really interested in deploying an entirely new solution. Instead, they were looking for biometric software that could be integrated with their existing software to add biometric functionality. M2SYS provided them with **Bio-Plugin™**. Bio-Plugin™ is a complete biometric software system that can be rapidly integrated to any Windows or web based software in order to add biometric identification management functionality.

Bio-Plugin™ also supports multiple biometric modalities such as fingerprint, finger vein, palm vein and iris biometrics, which provided them with the option of choosing from a variety of modalities to best meet the unique needs of their end users.



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After consideration they decided to implement a combination of a fingerprint and finger vein modality with the M2-S™ Fingerprint Reader and M2-FV™ Finger Vein Reader, a perfect choice for a construction company to ensure that 100% of the workforce were able to use the biometric time and attendance system.

Benefits

Choosing Bio-Plugin™ for their integration was the best option due to the fact that it offers all the benefits of a great biometric system with the added advantage of multimodal capability. With Bio-Plugin™ their employees no longer had to worry about the problem of dry or cut fingers that limits the effectiveness of a unimodal fingerprint modality which can pose identification problems with workers who had poor skin integrity. After installing 10 biometric terminals at their office, benefits that helped them to choose Bio-Plugin™ with fingerprint included:

- No system dependencies between host and biometrics software
- Streamlined employee profile management process and improved data accuracy
- Avoidance of burdensome internal development and ongoing support requirements
- Visitors can now be easily identified to maximize facility security

About M2SYS

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

Since 2011, M2SYS Technology worked with the Bahrain based manufacturing and construction company “Mass Contracting Co. WLL.” M2SYS helped the company to enable biometric identification of employees and visitors through Bio-Plugin™ solutions. Currently more than 5,000 employees in Bahrain are identified at their office with biometrics from more than 10 terminals.



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