

Bio-Plugin™ and M2-EasyScan™ Fingerprint Reader Integrated with Workforce Management Solution in Ghana

Challenge

Our Ghanaian integrator partner Samtech Computers Ltd. was looking for a solution to integrate biometrics with their web based workforce management time and attendance solution. They have their own workforce management solution and were operating in the Ghanaian market for a very long time. As a result they were aware of the loopholes traditional workforce management solutions have. They were looking for a solution that could eliminate the time lag of manual employee working hours, overtimes, and payroll calculations and to also provide accurate data. They also noticed that buddy punching (one employee punching in to the attendance system for another) was becoming a major problem which was harming the effectiveness of their time and attendance solution. They were thinking of adding biometrics to their software in order to eliminate these limitations and automate workforce management time and attendance.

Solution

Due to the fact that Samtech Computers Ltd. had an existing workforce management solution, they had no interest in developing a new one. They were looking for biometric software which could be integrated with their own workforce management software in order to add biometric identification. M2SYS provided them with Bio-Plugin™, a complete biometric software system that can be rapidly integrated to any Windows or web software. It also supports multiple modalities including fingerprint, finger vein, palm vein, and iris biometrics, which provided them with the option of offering more modalities according to customer preference.



Initially they decided to implement fingerprint biometrics through the M2-EasyScan™ fingerprint reader, which was the most popular among the four modalities.



M2SYS Technology
1050 Crown Pointe Pkwy, Suite 850, Atlanta, GA 30338 USA
Phone: (770) 393-0986, Fax: (678) 559-0219
E-mail: sales@m2sys.com | Website: www.m2sys.com

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Benefit

Choosing Bio-plugin™ for integration proved to be the best option because it offers all the benefits of a great biometric identity management system, including the added advantage of multimodal capability. Customers no longer had to worry about problems such as buddy punching, lags in payroll calculation, and data accuracy issues which gave their solution a competitive advantage.



The customers were also happy because they received accurate automated attendance, work hours, and payroll related information. Other benefits that helped them to choose Bio-Plugin™ with fingerprint included:

- Reduced payroll expenses by eliminating “buddy punching”
- Streamlined time and attendance process and improve accuracy of payroll data
- Detailed reporting improved exception tracking
- Attendance data can now be easily exported to payroll for check processing

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 by accelerating their return on investment (ROI).

In 2012, M2SYS Technology worked with Ghana based HR and workforce management solution provider company “Samtech Computers Ltd.” M2SYS helped the company to integrate biometric identification with their workforce management system through their Bio-Plugin™ biometric middleware solution. Currently there are more than 5000 employees in Ghana identified at their office with biometrics from 5 fingerprint terminals.



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