

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

Challenge

Our Nigerian integrator partner Green UNCT Consulting Ltd. was looking for a solution to integrate biometric identification management technology within their Windows based workforce management solution. They had their own workforce management solution and had been operating in the Nigerian market for a very long time. As a result they were aware of the loopholes traditional workforce management solutions contained. They were looking for a solution that would eliminate the time lag of manual employee working hour, overtime, and payroll calculations to provide more accurate data. They also noticed that buddy punching (one employee punching into the attendance system for another) was becoming a major problem which was harming the effectiveness of their time and attendance solution. They were thinking about adding biometrics to their software in order to eliminate these limitations and more effectively automate workforce management.

Solution

They already had an existing workforce management solution and were not looking to develop a new one. They were looking for a solution which could be integrated with their workforce management software to add biometric scanning functionality. M2SYS provided them with Bio-Plugin™. Bio-Plugin™ is a complete biometric software system that can be rapidly integrated into any Windows or web software, to add biometric identification capabilities. It also supports multiple biometric modalities such as 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 with 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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Benefits

Choosing Bio-Plugin™ for integration was the best option available because it offers all the benefits of a great biometric identity management system, including the added advantage of multimodal capabilities. Their 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 now had automated attendance, work hours, and accurate payroll related information. Other benefits that helped them choose Bio-Plugin™ with fingerprints included:

- Reduced payroll expenses by eliminating “buddy punching”
- Streamlined time and attendance and improved payroll data accuracy
- Detailed reporting and 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 2013, M2SYS Technology worked with Nigeria based HR and workforce management solution provider Green UNCT Consulting Ltd. M2SYS helped the company to integrate biometric identification with their workforce management system through our Bio-Plugin™ biometric middleware solution. Currently there are more than 5,000 employees in Nigeria who are identified at their office with their biometrics from 2 fingerprint based terminals.



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