

Bio-Plugin™ and M2-EasyScan™ Fingerprint reader Integrated with Australian Time and Attendance Solution

Challenge

Our Australian integrator partner YTT Solutions was looking to integrate a biometric identification system within their web based time and attendance solution. Due to the fact that they had their own time and attendance solution and were well educated on its limitations, they knew that time theft loopholes were exploited by employees costing the company in lost productivity and unnecessary payroll expenses. They were looking for a solution that would eliminate the time lag of manual calculating employee working hours, overtime payroll and to correct data accuracy issues.



They also noticed that buddy punching (one employee punching in for another into the attendance system) was becoming a major problem which was harming the effectiveness of their time and attendance solution. They were thinking of adding biometric identification management to their workforce management software in order to eliminate these limitations.

Solution

Due to the fact that YTT has an existing, very popular workforce management solution, they were not interested in developing a new one. They were looking for biometric software which could be integrated with their own workforce management software. M2SYS provided them with Bio-Plugin™. Bio-Plugin™ is a complete biometric software system that can be rapidly integrated to any Windows or web software, to add biometric identification management capabilities. It also supports multiple biometric modalities including fingerprint, finger vein, palm vein and iris biometrics, which provided them with the option of offering more modalities according to their customers preference. Initially they decided to implement fingerprint biometrics using the M2-EasyScan™ fingerprint reader, which was the most popular among the four modalities.



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Benefits

Choosing **Bio-Plugin™** for integration was the most effective option because it offers all the benefits of a time and attendance system, including the added advantage of multimodal capability. Implementing Bio-Plugin™ meant that customers no longer had to worry about the problem of buddy punching, data accuracy, and time theft which gave their solution a competitive advantage.



Customers were also happy that they were receiving automated attendance records, work hours, and payroll related information in the most accurate way possible. Additional benefits that helped them choose **Bio-Plugin™** using fingerprint biometrics 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 the payroll department 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 Australia based HR and workforce management solution provider company “YTT Solution “ to integrate biometric identification with their workforce management system through the Bio-Plugin™ biometric middleware solution. Currently there are more than 1,000 employees in Australia identified at their offices with their biometric credentials from 17 fingerprint based terminals.



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