Finger Vein Technology for Central Management Company's Time Clock Solution

Central Management Company (CMC) owns and operates nineteen nursing homes throughout Louisiana. With over 30 years of experience in the nursing home industry, CMC continues to earn the respect of its peers in the medical community, as well as facility residents and their families.

CHALLENGE

CMC uses a PC-based time clock application called Time Matrix that interfaces with Microsoft Dynamics GP, an enterprise accounting platform. Following a management directive to implement biometric security, CMC experimented with fingerprint biometrics. Unfortunately, they encountered numerous problems with this form of biometric technology. Users could not be reliably enrolled and identified using fingerprint biometrics. Since biometric security was a requirement, CMC needed a biometric solution that would consistently work with their employees and was compatible with their PC-based payroll time clock software.

SOLUTION

CMC Installed M2SYS' Bio-SnapON™ Finger Vein Biometrics Solution. The M2-FV™ finger vein reader supplies a PIN to the Time Matrix time clock application in order for employees to clock in/out. Out of 19 sites, 12 sites have it installed, with the rest to be completed by the end of 2009. With 1,200 enrolled employees, each unit currently serves 50-150 employees through a 1:N matching mechanism.

BENEFITS

After implementing the M2SYS finger vein biometrics solution, CMC can reliably enroll and identify its employees. Unlike fingerprint biometrics, finger vein technology reads the unique vein pattern underneath the skin's surface and is not susceptible to failure rates from rough, dry, scarred, or damaged prints. Additionally, because of its patent-pending design, Bio-SnapON™ enabled CMC to quickly replace their unusable fingerprint biometrics system without having to expend any development effort, saving their biometrics project and their investment in Time Matrix.

FUTURE PLANS

Central Management Company is planning to use the Bio-SnapON finger vein biometrics solution with an electronic medical charting application, requiring users to biometrically identify themselves before entering chart information.

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