

## LOCATION

Milton Keynes, UK

## OVERVIEW

Traditional time & attendance systems subject businesses to unnecessary financial loss due to employees clocking in and out for each other.

Time Systems, a developer of biometric time & attendance systems, designed an easy-to-use solution based on DigitalPersona's Platinum SDK that replaces timecards with fingerprint authentication.

## NEEDS

A simple and secure method of tracking and accounting for employee time attendance.

## DIGITALPERSONA PRODUCTS

DigitalPersona® Platinum SDK

## Security Challenge

Timecards can be easily shared or falsified. Employee lateness and accountability is a costly problem in business. The ability to measure and account for employee time is very valuable to companies who need to maximize their resources.

Additionally, security is a huge concern for organizations, not just authenticating users onto IT systems, but also physically securing the premises. Keys or swipe cards can be shared, lost or stolen and are expensive to manage.

## DigitalPersona Solution

Time Systems (UK) Ltd. wanted to improve their existing time clock systems by adding a biometric component. They selected DigitalPersona's Platinum Software Development Kit and U.are.U Fingerprint Readers. DigitalPersona's technology seamlessly integrated into Time Systems application creating a secure and easy-to-use time and attendance solution.

With DigitalPersona's software, fingerprint images are never stored. Minutia points (unique fingerprint characteristics) are used to create a mathematical model. This mathematical model cannot be reconstructed to make a fingerprint image.

DigitalPersona's readers use optical technology which is more reliable in high use environments.

"Fingerprint authentication is the perfect addition to our time & attendance products," said Ian Barker, CTO at Time Systems. "It shows our customers that we understand their need for a secure yet easy-to-use time & attendance system."

## Benefits

- **Accountability** - employees cannot "clock in" for a co-worker.
- **Security** - Businesses know who and when someone has entered their building.
- **Convenience** - Employees enter the building and clock in with the touch of a finger.
- **Accurate Reporting** - Date and time stamped reports accurately measure employee time & attendance allowing for better resource management.

## The Results

Employer and employee response to fingerprint biometric time and attendance systems has been very positive. Businesses can now avoid the pitfalls of payroll fraud by eliminating "buddy punching," the act of an employee punching the time clock for another who is late or had to leave early.

Employees enjoy the convenience of using a fingerprint reader instead of keys or swipe cards to enter the building.

More than 2,000 businesses have replaced traditional time & attendance systems with Time Systems' TOUCHtime biometric solution. DigitalPersona fingerprint readers have proven to be very durable in these high volume office environments.

"We have been extremely pleased with DigitalPersona throughout the decade we have been working with them," said Barker. "Our systems have been implemented in a variety of businesses and we see a growing interest for fingerprint biometrics attendance systems as it becomes even more important to control access to office environments."

## About DigitalPersona

DigitalPersona is the leading provider of biometric authentication solutions for enterprise networks, developers and consumer OEMs. Founded in 1996, the company designs, manufactures and sells flexible solutions that improve security and regulatory compliance while resolving password management problems. DigitalPersona's fingerprint readers utilize superior optical fingerprint scanning technology to more accurately authenticate users regardless of finger placement. The company's interoperable biometric software solutions uniquely support the industry's widest array of notebooks with fingerprint readers. DigitalPersona's award-winning technology is used worldwide by over 90 million people in the most diverse and challenging environments.



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