

Industry: High Street Retail

Challenge: Upgrading Building Security with a Superior Access Control System

Kings Secure Technologies has provided high level Security and Protection to one of its leading clients since 2011. Due to this successful long-term relationship, Kings was commissioned to begin a project, which started in 2019, to update the existing access control system with the latest high security card and card reader technology.

The Challenge

With facilities working 24/7 the challenge faced was to find an easy-to-install leading edge technology card reader that could be configured onsite to read multiple card technologies where required and be field upgradable with any new advances in security.

With these complex requirements in mind, Kings turned to **Third Millennium** to provide the most advanced technical solution available in the market today.

The Solution

Kings utilised Third Millennium's RX range of card readers which incorporates the second evolution of NXP industry-leading MIFARE® DESFire® EV2 open architecture platform.

Third Millennium's PC09 Mifare DESFire EV2 cards offer superior performance, state-of-the-art security, privacy and enhanced multi-application support such as follow me printing and vending, to name just two.

In addition to the RX4 and RX1K readers, the project also required the implementation of biometric dual authentication for the more secure areas. Third Millennium's RX6 biometric reader uses a template on card application which means that there is no requirement to maintain a separate database of biometric information.

The RX6 compares the finger template on the card with the finger being scanned and releases the card data if the two match. Because of the high security requirement, a custom encrypted key ties the readers to the cards thereby preventing card cloning or data bugging.



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About Third Millennium

Third Millennium is a design led UK manufacturer of advanced access control readers and specialises in the introduction of new high security technologies to the access control industry. They have been delivering security excellence since 1996.

Supplying many of the world's leading security specialists, their products offer innovative styling coupled with the broadest range of High Security RFID technologies available in the market today.

The newly developed products have been chosen by major global Banking Groups, Government and Military and are installed globally.

Customers and staff are at the heart of everything they do. Always maintaining a friendly face, Third Millennium is focused on delivering the right products and solutions for its customers, whilst providing a safe and pleasant working environment for its staff.

Innovation, creativity, team spirit and debate are openly encouraged and this forms the bedrock on which the company is built.

For more information please visit www.tm-readers.com



Kings Secure Technologies brings together cutting edge technology and innovation across the security and fire sectors; designing bespoke solutions that recognise risk mitigation and the need for cost control but continue to deliver exceptional customer service.

By using trend and data analytics to make long term sustainable decisions for our clients, and with a nationwide reach and international capability, Kings delivers a one source solution for many of the world's best known businesses.



Fire - State of the art solutions to protect your assets

Portable Fire Extinguishers / Emergency Lighting Systems / Fire Detection & Life Safety Systems



Security - Designed using the latest innovations and technologies available

CCTV / Access Control / Security Systems



Security Personnel - Making sure your assets, valuables and people are safe

Patrolling / Personnel / Key Holding / Response Services



Support Services - Technology-led and innovation driven services

DYMENSiON / IT Network Design & Implementation / Technology Centre / Cloud Service Provider



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