



## BQT SOLUTIONS CASE STUDY - BIOXK

# BIOMETRIC AUTHENTICATION IN PRISON

### Objectives

A Thailand private prison required three-factor fingerprint biometric and MIFARE® smart card reader that was able to integrate seamlessly with their existing systems in sensitive locations where true access control is needed.

### Challenges

The readers were required to offer biometric authorization with the prisons customized access key and alongside existing and new readers already installed in the access control panel. The new readers are required to withstand tampering and maintain integrity during a security threat.

### Solutions

The BioXK is a three-factor authentication reader where a user needs a fingerprint, a card, and a PIN to gain access. The reader was customized to work with their existing access key and provide compatibility with their access control system to secure all high-risk inmates and sensitive information.

## PRODUCT BENEFITS

### **Benefit One**

Ideal for highly security conscious sites requiring additional layers of authentication to ensure only the correct people are granted access.

### **Benefit Two**

The BioXK offers installation flexibility, integrates with many existing access panels and can be customized to suit a proprietary system.

### **Benefit Three**

Three-factor authentication for a higher level of access control security, using a keypad for a PIN, a fingerprint scanner for biometric security alongside the MIFARE® Classic & DESFire® 13.56MHz readers and smart cards.

BQT Solutions is a specialist in the development, manufacture and supply of high quality, high security card and biometric readers, electromechanical locks and related electronic security products. Providing high security solutions to verticals including Airports, Healthcare, Corrections, Education, and Government for over 35 years.

***Innovating today for a more secure tomorrow***