



BQT SOLUTIONS CASE STUDY - YD30M

SECURING PRIVATE OFFICE IN A CBD

Objectives

A local Auckland shared office space was faced with the issue of securing their internal offices that were rented by private businesses in the CBD. The building manager needed a lock that would pull in misalignment and secure doors to private offices to ensure the tenants' areas were secure at all times.

Challenges

Internal doors were only single acting doors however, with many private businesses, the building manager needed a solution that would solve misalignment and ensure each private office space was secure at all times in the high traffic environment.

Solutions

The YD30M, also known as the Cobalt-mini, has been designed to secure single acting doors and addresses the two biggest issues for indoor locking; the ability to align a misaligned door and the ability to release when requested, even with excessive load on the door making the Cobalt-mini an ideal internal door lock for this office space.

PRODUCT BENEFITS

Benefit One

The Cobalt-mini will release open under side-load pressure when requested to ensure the lock is functional even when external forces are in play.

Benefit Two

Misalignment is a common problem traditional solenoid locks cannot solve. The Cobalt-mini will align when a door has trouble closing, the misalignment of $\pm 8\text{mm}$ is automatically corrected.

Benefit Three

With user-selectable fail-safe and fail-secure modes, and multiple attempts to lock or unlock, the Cobalt-mini is ready for a wide range of application requirements and can be integrated with many access control or alarm systems.

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.

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