



## BQT SOLUTIONS CASE STUDY - YD30

# SOLVING MISALIGNMENT FOR LOCAL OFFICES

### Objectives

A local Auckland shared office space was faced with securing their main entrance, with hundreds of people coming in and out for meetings, conferences, and office space. The main doors were heavy glass doors that wouldn't close properly on their own.

### Challenges

This style of door was notorious for misalignment, meaning a traditional solenoid lock was likely to fail if installed in this site. Due to the amount of people using the office space on a regular basis, the building management also needed a lock that would work continually in a high traffic environment.

### Solutions

The YD30, also known as the Cobalt, has been designed to secure double 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 an ideal lock for this office space.

## PRODUCT BENEFITS

### Benefit One

The Cobalt lock will release open under sideload 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 lock 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 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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