



## BQT SOLUTIONS CASE STUDY - YD30

# MAIN ENTRANCE TO THE HOTEL



### Objectives

A Boutique hotel in the CBD has beautifully restored hardwood doors to match their marble entryway. With such careful workmanship done in the doors, the hotel needed a lock strong enough to realign the doors and secure the building when required.



### Challenges

A common problem with historic wooden doors is their weight and their inability to fit together as well as they once did. Slight misalignment with traditional solenoid locks will result in an insecure access point due to the lock not being able to close.



### Solutions

The YD30 was designed to solve this issue. With its innovative design and strength testing, the YD30 can solve misalignment for up to 16mm (+/- 8mm). The main hotel entrance doors with the locks morticed into the door header, and the strikes mounted on top of the doors, solved misalignment with the use of the YD30.

## 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 +/-8mm 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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