



BQT SOLUTIONS CASE STUDY - YD30M

RENOVATED HERITAGE

Objectives

The historic headquarters building, built originally in 1930's as a base for the RNZAF, was recently refurbished and restored as a community facility. Keeping as much of the original building as possible the call was made to restore and keep the original wooden doors.

Challenges

At almost 100 years old, the building and doors needed a lock that would work with the misalignment, pressure, and warped door frames to ensure the facility would always remain secure.

Solutions

The YD30M was installed due to its ability to work with challenging buildings. The YD30M is morticed into the door header, and the strikes mounted on top of the doors, solved misalignment and that side-load pressure.

PRODUCT BENEFITS

Benefit One

The Cobalt-mini lock 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 lock will align when a door has trouble closing, the misalignment of +/-8mm is automatically corrected.

Benefit Three

The Cobalt and Cobalt-mini can be used in many applications where there is high footfall usage making it ideal for this newly refurbished community building.

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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