



BQT SOLUTIONS CASE STUDY - BT951

SECURING AN INTERNATIONAL PORT



Objectives

An international port required a slimline low-profile reader that is easy to install on door architraves or mullions where larger readers will not fit. Due to the nature of the port being near sea water, they also required the reader to withstand the elements and sea salt air without compromising integrity.



Challenges

One of the biggest challenges was finding a reader that would read both the legacy 125kHz prox cards still being held by many port workers, as well as new more secure MIFARE cards to provide a pathway for upgrade. Another challenge was to find a reader that could be mounted directly on a wooden or metal door frame with no adverse effect on the reader's function. The reader needed to also work well in the salty environment.



Solutions

The BQT BT951 reader is slimline low-profile reader, that reads both 125kHz prox and 13.56MHz MIFARE cards, built to withstand tough environments. The reader can be mounted onto many surfaces including the heavy metal in use across the port buildings and was customised to work with pre-existing security configurations.

PRODUCT BENEFITS

Benefit One

Its sleek casing offers a robust exterior designed to withstand tampering and maintain integrity in harsh unpredictable environment.

Benefit Two

Flexible to allow integration that can be wired into your current access control software solution or can be integrated into customised operation to work with a proprietary access control software.

Benefit Three

Its low profile and slimline shape, allowing easy installation on door architraves or mullions where larger readers will not fit. It can be mounted directly on a metal door frame with no adverse effect on the reader's function.

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

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