Awards & Recognitions
INNOVATION AWARDS 2016 FINALIST
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INNOVATION AWARDS 2020 FINALIST
SECURITY & FIRE EXCELLENCE AWARDS
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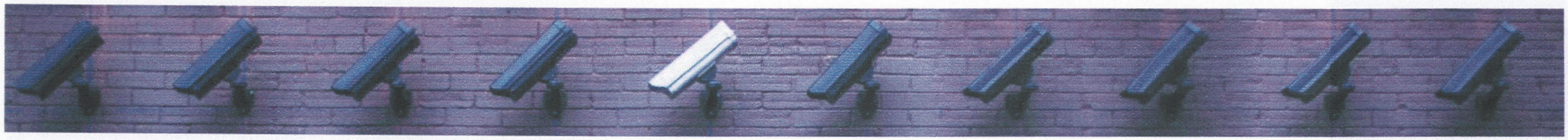
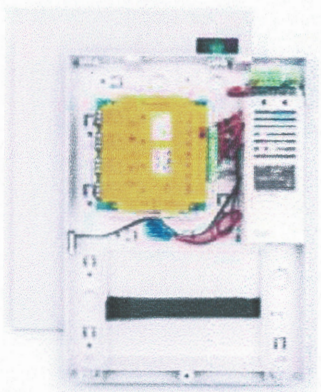
FINALIST 2020
RCJ Contracts Ltd
Moving Innovative Ideas to Reality



RFiD Alarm



Read in

Read Out

Paxton

MORSE WATCHMANS

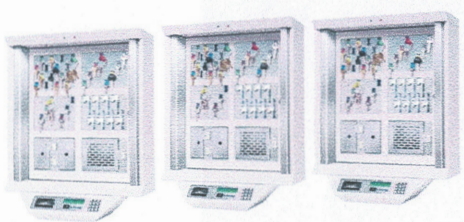
Illuminated & Touch

PROJECT PROPOSAL & OVERVIEW OF THE SYSTEM

Morse Watchmans Keywatcher Illuminated & Touch

&

Paxton Access Control Integration



Objective:

Ensure that the keys from the Keywatcher Illuminated/Touch do not leave the site via secure perimeter doors.

SOLUTION PROPOSED

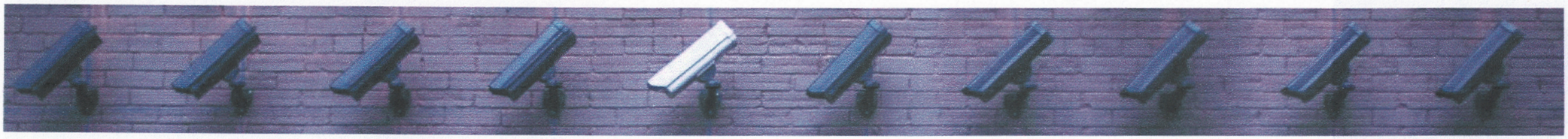
There are three access levels/groups:

1. Perimeter Doors
2. Internal Doors
3. Key Removed

All above are managed by RCJ Contracts after consultation with the end user and their specific requirements.

All users have access to levels 1 & 2

When key is removed (level 3)from Illuminated/Touch cabinet, the associated Paxton Credential does not allow exit from level 1 (Perimeter Doors)



SOLUTION CONTINUED

Once the key is returned to the cabinet egress is allowed via level 1

Anti Pass Back is to be deployed, read in and read out readers are to be installed adjacent doors as agreed between the end user and RCJ Contracts to enable the solution to operate effectively after additional behaviour and operational training are provided by RCJ to the end user.

SOLUTION CONTINUED

Therefore, when key is taken, the credential automatically loses access to level 1 until it is deposited back in the cabinet, thereby reinstating permission to level 1 . Simultaneously, when access revoked in level 1 it is applied to level 3. In essence, level 1 and level 3 are toggled.

RFiD (Supplied by RCJ) attached to the key, is detected by it's associated loop located adjacent to the relevant door and a separate alarm interface, also supplied by RCJ Contracts, to give audible and visual notification that the key has not been returned and deposited in the Illuminated/Touch cabinet.

It is the responsibility of RCJ to train the end user on how the system operation works and what to do in the event of an alarm being raised.

POSSIBLE OVERVIEW: PROVIDED BY RCJ CONTRACTS LTD

- Healthy
- Alarm
- Warning
- Disabled

Icons plotted on maps by RCJ Contracts Ltd.

*Option for the future: not included at this stage

- Illuminated / TouchID
- Illuminated / Touch Status (colour)
- Tag/ credential valid
- Visual alerts:
- Key Removed / left in lock?
- Door Forced?
- User Information
- RCJ RFiD Alarm Audio and Visual

If required: Maps supplied by RCJ Contracts Ltd