Door Forced monitoring integrated with a Manual door handle

False door forced alarms

If a door has a mechanical lock with a handle on the inside and you also want to monitor the door for 'Door forced' alarms, Net2 will need to know when the handle has been used to open the door.

This is because every time the door monitoring contacts open, the Net2 ACU checks for a valid access event. If the handle and not the access control system is used to open the door, the ACU will assume that the door has just been forced open and sound the Alarm.

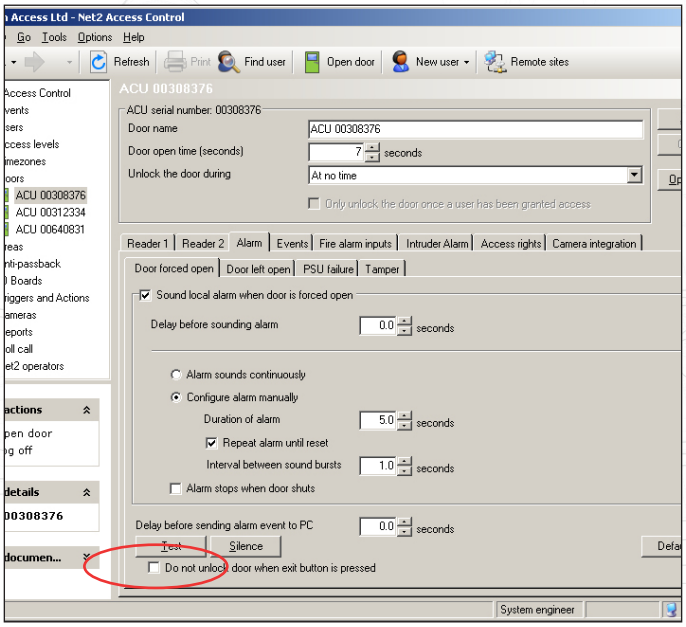
If we can signal the ACU that an 'exit button' request was made before the door was opened, it will not raise a 'door forced' indication.

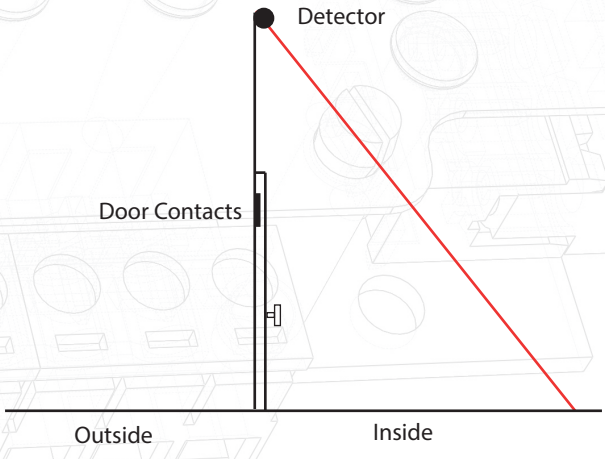
We connect a detector to the Exit button input on the ACU for this purpose.

Create an Exit button event

Connect the voltage free contacts from a PIR movement detector, pressure pad, etc. across Exit / 0V to detect the user approaching the door from the inside. Some mechanical handles contain a monitoring micro switch to indicate that the handle is in use.

You must disable the standard Exit button function or the door will unlock every time someone is detected - They may not actually be leaving the room.

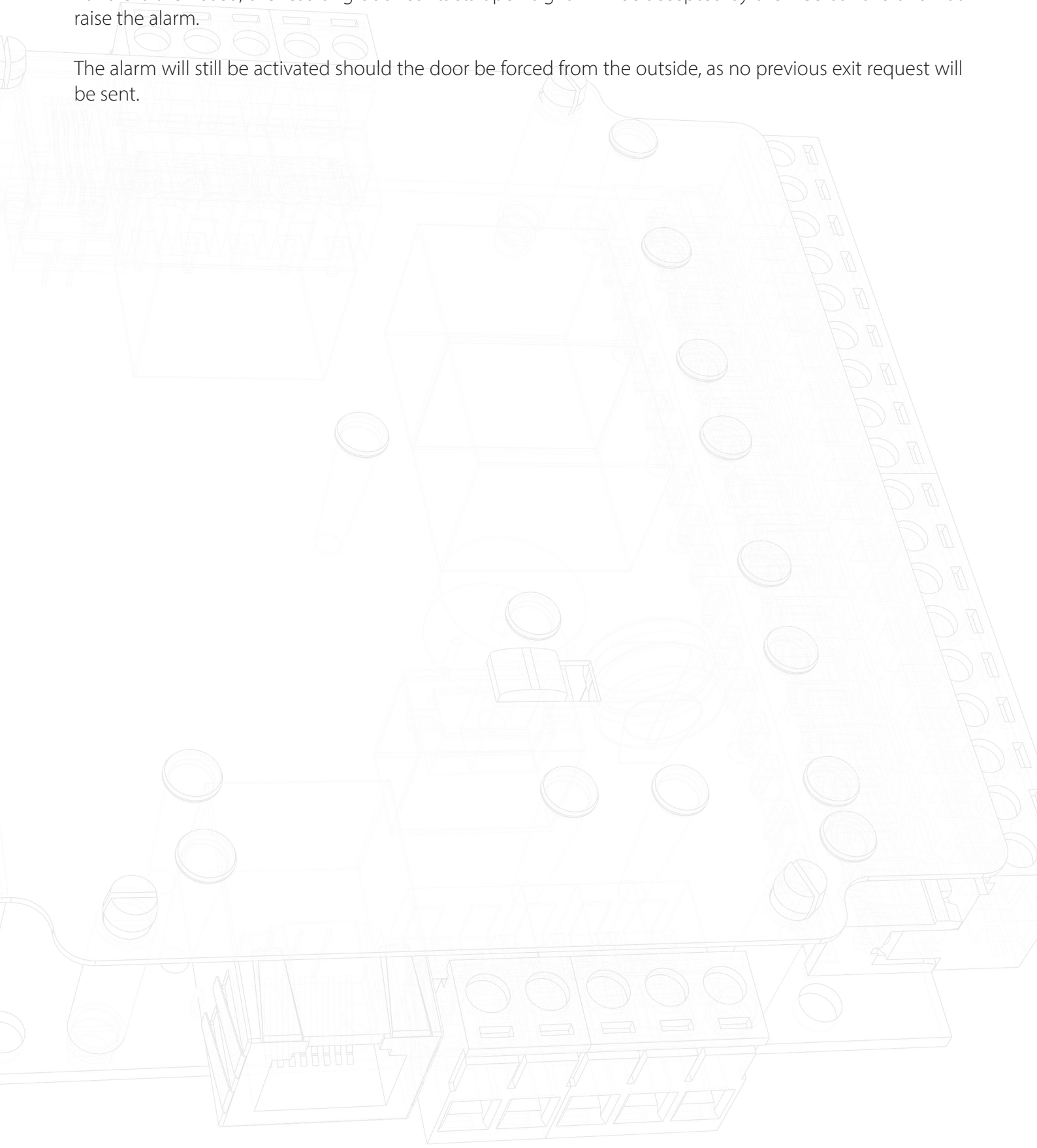




The option to disable the exit button function is found in the Doors screen / Alarms, under the 'Door forced open' tab. Simply check the tick box next to 'Do not unlock door when exit button is pressed', and Apply.

When a user is detected at the door, the ACU receives the exit request but does not release the lock. If the handle is then used, the resulting 'door contacts open' signal will be accepted by the ACU as valid and not raise the alarm.

The alarm will still be activated should the door be forced from the outside, as no previous exit request will be sent.



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