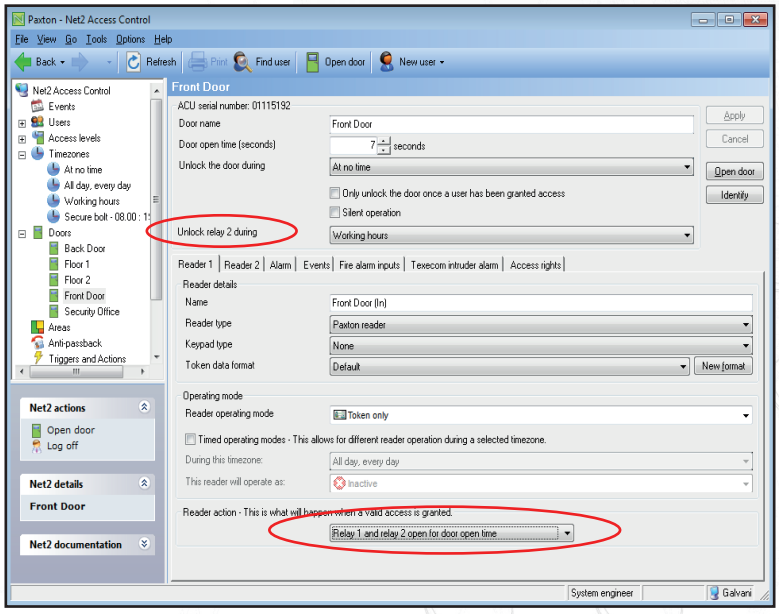
Two locks on one door

Why fit two locks on one door?

On a building where 24 hour access control is required, high security locks should be used on external doors. However, these locks are too slow for regular use; many taking several seconds to unlock. Fitting two locks to the door allows a high security lock to be used when the building is unoccupied and a standard lock to provide fast access control during the working day.

How to set up two locks on one door

This feature requires Net2 v4.21 or later software using a Net2 plus or classic ACU.
Set the Reader action to 'Relay 1 and relay 2 open for door open time'. Wire the standard lock to the relay 1 connections and the high security lock to the relay 2 connections.



If you need to hold the door unlocked, set the required time zone from the 'Unlock the door during' list. During this period, both locks will be unlocked.

To set the time period when the high security lock is to be held unlocked and the door will operate on the standard lock, select the required time zone from the 'Unlock relay 2 during' list.

This may need the creation of a specific time zone. For additional information see: AN1038 - Using Access Levels and Timezones. < http://paxton.info/847 >

Operation

1. The ACU will unlock both locks for all door access operations (token, exit button, etc).
2. Both locks are held unlocked during the time zone specified in 'Unlock the door during'.
3. The high security lock is held unlocked during the time zone specified in 'Unlock relay 2 during'.
4. While the intruder alarm is 'armed' both locks are locked. (Net2 plus with intruder integration)

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