LINKING APPLICATIONS

Gate Control with "Close" Signal

Close Input signals on some Gate Controllers require the Input to signal that a vehicle has cleared the gate before safely closing the gate.

The problem occurs when the customer wants to close the gate, but it will not close until a loop sensor is tripped to indicate the vehicle has cleared the gate.

The solution requires Operator Intervention to trip another Output to signal the Gate Controller to close without the loop sensor Input. A simple card read will not work, Operator Intervention is required.

Programming

1. Program Output 1 with No Time Zone and to Link Secure. This connects to the Gate Controller and the main control point.
2. Program Output 2 with No Time Zone and to Link Secure. This connects to the Closer Input.
3. Program Output 3 with a Time Zone that determines when the Gate is Secure. This could be a 24 hour time zone or a controlled time zone. This Time Zone controls with the Gate will be open if it is not always secure.
4. Create a Linking Group that contains Output 1 with a 24 hr conditional time zone set to Follow. This linking group also contains Output 2 with a 24 hr conditional time zone set to Pulse for 2 seconds.
5. Assign the Linking Group to Output 3 and configure it to Link when Secure.
6. Create an Override Group and place output 3 in it.

Theory of Operation

When the Override Group is used to Open the Gate, it opens Output 3 and Output 1 follows Output 3 causing the gate to Open. When the Override Group is used to Secure the Gate, it Closes Output 3 which in turns closes Output 1 and pulses output 2 Secure for two seconds which tells the controller to close the gate. Output 2 is only pulsed on the securing of the gate when controlled by output 3. A normal card read will not activate the output allowing the car present loop to signal when it is safe to close.

After Hours Entry Notification

To notify a customer by Text or Email of afterhours entry at a Location, Door, group of Doors, for a specific Card Holder or any card holder. This Text or Email notification signals the User that there is afterhours activity allowing them to Login using the Mobile App and see what is happening and who is coming or going. This can be Time Zone controlled so that you are only notified during the hours and days of their choosing.

Configuration and Programming

Setup OlMail for alarm notification via Email or Text Messaging.

Create a 0-0 time zone set to Link ON.

Create a Afterhours time zone that determines the days and times the afterhours notification should take place.

Remove the EOL resistor from an unused input in the Location so it is always faulted and define it in the database.

Assign the 0-0 Time Zone to the Unused and Faulted input.

Put the 0-0 Time Zone in a Linking Group with the Afterhours time zone and configure it to pulse for 2 seconds.

Assign this linking group to the output 1's to report usage or create a linking level and assign it to the card holders that should be reported for afterhours use.

Theory of Operation

When either a card is used or the door unlocks (depending on configuration) during the Afterhours time zone period, the 0-0 Time Zone is linked On which momentarily arms the faulted input that goes immediately into alarm and sends the Text Message indicating afterhours activity which prompts the user to login with the Mobile App and see what has transpired.