Resetting Open Door Delays

Objective

This document shows you how to configure EntraPass to allow a door to remain open for more than four minutes and fifteen seconds (4:15 minutes) after a valid card has been presented to the reader.

This feature can be used for example to configure access to a *shipping and receiving* door which is required to remain open to allow loading/unloading for extended periods of time.

To program this feature, we need to simulate an external alarm system as follows:

- **Input 1** is used as a request to arm and also as the input monitored when the alarm system is armed.
- **Relay** # 2 is used to postpone the alarm system (using **Input** # 6) and change the alarm system state (using **Input** # 5).
- After the delay specified in the temporary activation timer (defined in step 7) the system tries to arm back. When a card is presented to the reader, **Relay # 2** is activated; hence postponing the alarm system. If the card is not presented back to the reader, **Input # 1** must be in its normal condition; otherwise, not arming the alarm system will generate an alarm since **Input # 1** is only monitored when the alarm system is armed.
- **Relay # 1** will then be activated.

Requirements

- Running EntraPass software with defined access levels
- Door connected to a KT-300 controller

Procedure

1 Connect the KT-300 controller to a siren and a door contact as shown in the following wiring diagram. Pay attention to the two jumper positions.



2 Access EntraPass to configure the KT-300 controller without defining door contacts or REX during the Express Setup program.



3 In the EntraPass workstation toolbar, go to the **Devices** tab and click the **Input** button.

🖁 Input				×
1866			-	
Gateway	O1 - (1) Corporate Gateway	_	English	
Site	Cecurity Office	•	01 - 01 - Security Office Input	
Controller	🗢 (01) 01 - KT-300 Security Office	•	French	
Input	🌔 (01.01) 01 - 01 - Security Office Input	•	01 - 01 - Entree Bureau securite	
General Relay and inp	ut			
Monitoring schedule				
Always valid	•••			
Normal condition				
 Closed 	C Opened			
Loop response time		Video view		
Response time (mm:s	s:cc) 00:00.50	R&D vic	deo view••	•
Restore response (mr	n.ss:cc) 00:00.50	Giraphic	tive Floor Graphic	
		hy mit.	·······	-
			👖 Close 🕺 🕺 Cancel 💦 Help	

4 Define **input #1** and assign it an **Always Valid** monitoring schedule, then select the **Relay and Input** tab.

🚦 Input				_ 🗆 X
Gateway	01 - (1) Corporate Gateway	-	English	
Controller	Security Uffice (01) 01 - KT-300 Security Office		French	
Input	🔀 (01.01) 01 - 01 - Security Office Input	-	01 - 01 - Entree Bureau securite	
General Relay Activate relay temporarily Input Activate relay temporarily Shunt input temporarily				
			Close X Cancel ?	Help

5 In the Relay section, select **Relay #1** to the **Activate Relay** field. Note: If no relay has been defined in the system so far, right-click on the **Activate relay** field and select **New** from the shortcut menu to define a new one. Once the task is complete, click **Close** to save and exit the Relay window. 6 Back to the EntraPass toolbar, select the **Devices** tab, then click the **Relay** button.

🐗 Relay				_ 🗆 🗙
Gateway	• 01 - (1) Corporate Gateway	•	English	
Site	Security Office	•	02 - (01) 01 - KT-300 Security Office	
Controller	🗢 (01) 01 - KT-300 Security Office	•	French	
Relay	📜 (01.02) 02 - (01) 01 - KT-300 Security Office	•	02 · (01) 01 · KT-300 Bureau de la secur	
General				
Operating mode	C Reverse	Temporary Temporary	activation activation timer (h:mm:ss)	0:00:05
Automatic activation	schedule			
Disable relay action	.***	Video view		
		R&D via	leo view	
		Graphic		
		Interact	ive Floor Graphic	
			Close X Cancel	? Help

- 7 Define **relay #2**. Set the **Temporary activation timer** to the amount of time allowed for the door to remain open before the cardholder must present his card without triggering an alarm. Click **Save** and **Close**.
- 8 Back to the EntraPass toolbar, select the **Devices** tab, then click the **Door** button to bring up the door definition window.

1 Door		
10 🖬 16 🎯 🗮 🔌 🛤		
Gateway Image: Other of the other of the other of the other ot	English 01 - 01 - Door Security Office French 01 - 01 - Porte Bureau securite ents Access events Extended door access delay Unlock time (m:ss) 0:40	
C Fail-safe Open time (m:ss) 0:30	Open time (m:ss) 2:00 Unlock schedule	
Access Entry Exit Miscellaneous	Video view J. R&D video view Graphic	
Time and attendance Elevator cab	Interactive Floor Graphic	
	L Llose X Cancel Y Help	

9 To follow-up on our example, click the **Door** drop-down list to select the door controller assigned to the shipping and receiving door. If applicable, select the Site and Controller for this door. (Door 1 in this example).



10 Go under the **Options and alarm system** tab followed by the **External Alarm System Option** button to bring up the Alarm system options window.

📲 Alarm syst	em options					×
Arming request	Input Postpone arming R	alay				
Settings						
Arming reques	t input		_			
(01.01) 0	1 - 01 - Security Office Input		••	Wait for access granted to arm		
Enable arming	request schedule		_	Relock door on request to arm		
Always v	lid		••]	Prevent arming request on input status		
Arming acces			_			
Ling Security	JITIC - Always Valid, all doors		••	Reypad button	1	
Miscellaneous						
Exit delay (hł	:mm:ss)	00:00:30		External alarm system panel status		
Entry delay (F	h:mm:ss)	00:00:00		(01.05) 05 - 01 - Input Security Office		•••
				🗸 OK 🛛 🗶 Canc	el	? Help

- 10.1 Under the **Arming request input** tab:
 - 10.1.1 From the **Arming request input** field, select input # 1, defined earlier in step 3.
 - 10.1.2 From the Enable arming request schedule field, select Always valid.
 - 10.1.3 From the **Arming access level** field, select the access levels authorized to access the *shipping and receiving* door.
 - 10.1.4 Click the **External alarm system status** field and assign Input # 5. Assign an "Always valid" monitoring schedule to this input.
 - 10.1.5 Use the **Miscellaneous** section to enter an **Exit delay**. That delay represents the pre-alarm delay intended to inform the user to either close the door or present his card to the reader.
- 10.2 Double-check your settings then click the **Input** tab.

		on entry	on exit	on disarm	
01.01) 01 - 01 - Security Office Input	×	X	×	X	
01.02) 02 - 01 - Input Security Office					
(01.05) 05 - 01 - Input Security Office					
01.06) 06 - 01 - Input Security Office					

10.3 Check the Supervised, Shunted on exit and Shunted on disarm boxes,.



10.4 Click the **Postpone arming** tab.

📱 Alarm system options
Arming request Input Postpone arming Relay
Settings Input to postpone arming [101.06) 06 - 01 - Input Security Office Enable postpone arming schedule
Wait for access granted to postpone Keypad button
Postpone or disarm access level Rescurity Offic - Always valid, all doors
✓ OK X Cancel Y Help

- 10.4.1 Select **input # 6** in the Input to postpone arming field. Assign an **Always valid** monitoring schedule to this input.
- 10.4.2 Assign the Always valid default schedule in the Enable postpone arming schedule field.
- 10.4.3 Check the Wait for access granted to postpone box.
- 10.4.4 Assign the access levels selected earlier in step 10.1.3 to the Postpone or disarm access level selection field.
- 11 Click **OK** to close the Alarm system options window.
- 12 Back to the door definition window, click the Access Event tab.

Poor Door	
	A A
Gateway 🙆 01 -	(1) Corporate Gateway English
Site 😔 Sect	urity Office 01 - 01 - Door Security Office
Controller 🔶 (01)	01 - KT-300 Security Office French
Door 🜔 (01.0	01) 01 - 01 - Door Security Office 🗾 🛛 🛛 1 - 01 - Porte Bureau securite
General Contact REX Misc	vellaneous Options and alarm system Door events Access events
	Local activation relay
Invalid card status	
Bad access level	
Other access denied	
Duress alarm	
Access granted	Diffice 🗾 🙀 (01.02) 02 - (01) 01 - KT-300 Security Office 🛛 🛺
Card traced	
Extended door access delay	•••
	👖 Close 🛛 🗶 Cancel 🔗 Help

13 Assign **relay # 2** to the Access granted event. Click Close to save and exit the window.

Note : A pop-up window as well as an acknowledgement sound can be generated whenever the Input in Alarm event occurs for input # 1, indicating that the door was left open for more that the predetermined amount of time. To set the acknowledgement pop-up request, go to **System** —**Event Parameter**. Select the **Input in alarm** event followed by input # 1 of the door controller. Finally, go to the **Alarm** field and assign the **Always valid** schedule.