Open/Close Area

The **Open/Close** Area file is an optional feature that allows you to define a group of Readers and/or Input Circuits as an area. An **"Area"** controls the inputs and readers **assigned** in that **area**. You can create a path into the a**rea** to access the **initiating device** (Keypad Reader or Input switch) you can enable or disable the area with a **Card+Key transaction**, **Input activation** or a **Manual Command** from a Workstation. An attempt to close an **area** with any device in the **area** unsecured will result in an Alarm.

Open/Close Area Defined

When the area is "**Open**" the inputs or alarms are shunted and the readers are normal (active). When an area is "**Closed**" the readers are **Locked out** (cannot be used) and the inputs or alarms are active.

Controlling Circuit Requirements

A latching type switch is required for the **input**, i.e. "Toggle Switch" and a **keypad reader** is required to open or close an area.

To open and close the Area using a Keypad Reader

To open an area you must press * followed by the pin number example *12345. To close an area you must press # followed by the pin number example #12345.

Using a Authorized card

There are 2 ways to authorized a card use,

- 1. **Detail\Authorized Card:** Enter the card number here if you have a small amount of cards used for Open/Close area or just want more control of the cards being issued for open/close.
- 2. Using the Master Personnel Record and a group code. This is good option if you have a large amount of cards to open/close an area, you will need to make a registry entry change this is so the **Open/Close Area** will look in the Master Personnel file for cards that are active and have been assigned a group code with that reader available to open/close the area. Service 2 and 3 **MUST** be restarted after a registry entry change.
- 3. Go to start menu "Run" box type in "regedit" under HKEY_LOCAL_MACHINE\SOFTWARE\ReceptorsInc\GP4 in the right side of the screen look for "O/C Area Use Pers" and change the value from N (no) to "Y" (yes)

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You can Exit when finished, remember Service 2 and 3 **MUST** be restarted after a registry entry change.

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Data Entry

First you must launch the **Open/Close Area** file to do this click on **Options** at the top of the **Receptors Security Management System Menu** and select **Open/Close Area** from the drop down menu. the **Open/Close Area** window will appear

🐌 Open:Ck	ose Area						X
Area No.	Description	Controlling Circuit	Area Input	Area Output	Area Name	Alarm Output	Last Changed By
Area Nur	nber Area Name	Description					Detail
Area Inp	ut Controlling Circuit	Ar	ea Output		Ala	arm Output	
Entry Tin	ner(Sec.) 0 Exit Timer(Sec.) 0	Tin	ner Output		Bude	dy Area(Y:N) │	
Last Cha	nged By		New	Edit	Delete	Save	Cancel

Field Names

- 1. Area Number: Is the number assigned to this Open/Close Area Record. This is the number used to call up a specific Open/Close Area Record.
- 2. Area Name: Descriptive Name of the Area, 8 alpha-numeric characters maximum.
- 3. Description: Text description of the Area, 70 alpha-numeric characters Maximum
- 4. Detail: is where the Area Detail Box is located listing the following:

Path Circuits: The input circuits entered here are the circuits between the Area Input and the Controlling Circuit, these inputs are shunted for the period entered in the entry timer box. If you fail to get to the Controlling Circuit and time expires an alarm will be generated.

Controlled Circuits: The input and reader circuits entered here are circuits that are controlled within the area, when the Area is open the inputs are shunted and the readers are ready for use. When the Area is closed the inputs are active and the readers are locked out.

Authorized Card: Enter the card numbers here if you have a small amount of cards used for open/close area.

- 5. Area Input: Clicking on the Area Input button will display a list of Inputs programmed in the system. Programming an Area Input is optional and is not needed to open and close an area. Selecting an Input Circuit will initiate the Entry Timer when opening the Area and cancels the Exit Timer when closing the Area. If the tasks are not completed in the allotted time the system will timeout and an alarm will be generated. The most common use of the Area input is a Door contact that is wired to General Purpose Input. Select the input from the list and click OK.
- 6. Controlling Circuit: Clicking on the Controlling Circuit button will display a list of Readers or Inputs programmed in the system. If you select Input the Input Switch must be a latching switch, i.e. Toggle Switch, you must use a Keypad reader for the controlling circuit. To open the area using a Keypad Reader you must press * first followed by the pin number example *12345 to close an area you must press # followed by the pin number example #12345.
- 7. Area Output: Circuit turns on when Area is opened and turns off when the Area is closed. Clicking on the Area Output button will display a list of Outputs programmed in the system.
- 8. Alarm Output: This output turns on when any Controlled Circuit within a closed Area is activated. Clicking on the Alarm Output button will display a list of Outputs programmed in the system.
- 9. Entry Timer: Amount of time, in seconds, allotted to open an Area from the Controlling Circuit after the Area Input has been activated. When a time is entered here the Area# will be removed from Open/Closed command from the alarm screen preventing a manual command from being sent from the Alarm Screen. Applies to software versions 7603 and up.
- **10. Exit Timer:** Amount of time, in seconds, allotted to activate or exit through the Area Input after closing the Area with the Controlling Circuit.
- 11. Timer Output: Output circuit activated when Entry Timer or Exit Timer have expired before the Open/Close process is successfully completed. Clicking on the Timer Output button will display a list of Outputs programmed in the system.
- 12. Buddy Area: For future use. Does not apply at this time

Building a Open/Close Area Record

Once the Open/Close window is opened Click on **new**, the Open/Close Area Record window will display and you can enter data:

🐌 Open:Close Area		83
Area List		
Area No. Description	Controlling Circuit Area Input Area Output Area Name Alam Output Last Changed By	I
Area Number 1 Area Name Area 1	Detail	1
Area Name Area Name Area 1	Description (100) Entrance	-
		-1
Entry Timer(Sec.) 0 Exit Timer(Sec.) 0	Timer Output Buddy Area(Y:N)	
Last Changed By lan	New Edit Delete Save Cancel	

Begin by entering an **Area Number, Area Name** and a **Description** for the Area you are creating, at anytime you may save the record.

🐌 Open:Close Area		23
Area List		
Area No. Description	Controlling Circuit Area Input Area Output Area N	lame Alarm Output Last Changed By
· ·		
Area Number 1 Area Name Area 1	Description Front Lobby Entrance	Detail
Area Input Controlling Circuit	Area Output	Alarm Output
Entry Timer(Sec.) 0 Exit Timer(Sec.) 0	Timer Output	Buddy Area(Y:N)
Last Changed By lan	New Edit Del	ete Save Cancel

Detail: Area Detail

Path Circuits: The input circuits entered here are the circuits between the Area Input and the Controlling Circuit; these inputs are shunted for the period entered in the entry timer.

Area Number 1 Path Circuit Controlled Circuits Aut	thorized Card	
Input Circuits List	Path Circuit	_
000-00-005 000-00-010 000-00-014	Remove	

Controlled Circuits: The Input and Reader circuits that are added into the Controlled Circuits field are the circuits that are controlled by the Open/Close area number.

Path Circuit Controlled Circu	uits Authorized Card	
Input Circuits List		Note:Max 32 Per Controller Controlled Circuits
000-00-002 000-00-006	Add	000-00-006 000-00-010 000-00-014
000-00-014	Remove	000-00-004
Reader Circuits List 000-00-000 000-00-004	Add Remove	
1		17

Authorized Card: Enter the card numbers here and click on add to add the card to the Authorized Card column. Click on OK when finished

Area Number 1			
Path Circuit Contro	olled Circuits Authorize	ed Card	
Card Number 9	551275 Add	Authorized Card 9402066 9551275	
1	ок с	ancel Help	

Area Input: Clicking on the **Area Input** button will display a list of Inputs programmed in the system. Programming an Area Input is optional and is not needed to open and close an area. Selecting an Input Circuit will initiate the Entry Timer when opening the Area and cancels the Exit Timer when closing the Area. The Entry Timer is the time you have to get to the Controlling Circuit to open the Area, The Exit Timer is the time you have to get to the Area Input after using the Controlling Circuit in closing the Area if the tasks are not completed in the allotted time the system will timeout and an alarm will be generated. Select the input from the list and click OK.

饙 Open:Close Area		22
Area List	*	
Area No. Description	Circuit ID 000-00-002 Description Door Contact Input Description 000-00-002 Door Contact 000-00-006 Motion Detector 000-00-010 Motion Detector 000-00-014 Motion Detector	Area Output Area Name Alarm Output Last Changed By
Area Number 1 Area Area Input Entry Timer(Sec.) 0 Last Changed By Ian	OK Cancel	Detail Alarm Output Buddy Area(Y:N) Edit Delete Save Cancel

Area Input Entered

🌘 Open:Close Area				23
Area List				
Area No. Descrip	tion	Controlling Circuit Area Input	Area Output Area Name Alarm Output	Last Changed By
Area Number 1	Area Name Area 1	- Emet Lobby Estron		Detail
Area Number		Description Pront Lobby Entrand		
Area Input 00	0-00-002 Controlling Circuit	Area Output	Alarm Output	
Entry Timer(Sec.)	0 Exit Timer(Sec.) 0	Timer Output	Buddy Area(Y:N)	
Last Changed By	lan	New	Edit Delete Save	Cancel

Controlling Circuit: Is an Reader or Input circuit that opens or closes the Area, Clicking on the **Controlling Circuit** button will open the **Select Circuit Type** box and here you choose either a **Reader** or **Input** to be the **Controlling Circuit**, If you select Reader for the controlling circuit the **Reader** must be a **Keypad Reader** If you Select **Input** for the controlling circuit the **Input Switch** must be a **Iatching type IE Toggle Switch**, After you choose the circuit type, click on **OK**, and a list will display showing the Readers or Inputs programmed in the system.

👹 Open:Close Area			23
Area List			
Area No. Description	Controlling Circuit Area Input A	Area Output Area Name Alarm Output Last	Changed By
	elect Circuit Type		
Area Number 1 Area Name Area 1	Description Front Lobby Entrance	9	Detail
Area Input 000-00-002 Controlling Circuit	Area Output	Alarm Output	
Entry Timer(Sec.) 0 Exit Timer(Sec.) 0	Timer Output	Buddy Area(Y:N)	
Last Changed By lan	New	Edit Delete Save	Cancel

We have selected a Reader for our example, choose a reader from the list and click OK, When using a **Keypad Reader** for the controlling circuit to open the area you must press * (open) first followed by the pin number example ***12345**, to close an area you must press # (close) followed by the pin number example **#12345**

🍘 Open:Close Area		23
Area List		
Area No. Description	Controlling Circuit Area Input Area Output Area Name Alarm Output Last Changed By	
Area Number 1 Area Name Area 1 Area Input 000-00-002 Controlling Circ Entry Timer(Sec.) 0 Exit Timer(Sec.) Last Changed By Ian	Circuit ID 000-00-000 Description Front Door Reader Description 000-00-000 Front Door 000-00-004 Back Door	

Controlling Circuit Entered

۲	Open:Clo	se Area			X
Г	-Area List -				
	Area No.	Description	Controlling Circuit Area Input	Area Output Area Name Alarm Output L	ast Changed By
	Area Num	ber 1 Area Name Area 1	Description Front Lobby Entran	ce	Detail
	Area Inp	ut 000-00-002 Controlling Circuit 000-00-0	00 Area Output	Alarm Output	
	Entry Tim	er(Sec.) 0 Exit Timer(Sec.) 0	Timer Output	Buddy Area(Y:N)	
	Last Char	iged By lan	New	Edit Delete Save	Cancel

Area Output: is a Circuit that turns on when Area is opened and turns off when the Area is closed, usually an LED on or near the reader. Clicking on the **Area Output** button will display a list of Outputs programmed in the system, after you select an Output from the list click OK.

🌘 Open:Close Area								23
Area List								
Area No. Description		Controlling Circuit	Area Input	Area Output	Area Name	Alarm Output	Last Changed	By
Area Number 1 Area Name A Area Input 000-00-002 Controll Entry Timer(Sec.) 0 Exit Timer Last Changed By Ian Ian	Circuit ID Description Output D 000-00-001 H 000-00-005 H 000-00-006 F 000-00-001 C 000-00-005 H 000-00-006 F 000-00-010 C 000-00-014 C 000-00-018 O 000-00-022 O 000-00-026 O 000-00-030 H OK	000-00-010 Green LED Jescription Joom Alarm Ved LED Jorn Alarm		X ancel	Ala Buda Delete	arm Output	Detail Cancel	

Area Output Entered

🍘 Open:Close Area			X
Area List			
Area No. Description	Controlling Circuit Area Input	Area Output Area Name Alarm C	Output Last Changed By
Area Number 1 Area Name Area 1	Description Front Lobby Entrar	nce	Detail
Area Input 000-00-002 Controlling Circuit 000-00-0	00 Area Output	000-00-010 Alarm Outp	put
Entry Timer(Sec.) 0 Exit Timer(Sec.) 0	Timer Output	Buddy Area(Ý:N)
Last Changed By lan	New	Edit Delete S	ave Cancel

Alarm Output: This Output turns on when any Controlled Circuit within a closed Area is activated. Clicking on the Alarm Output button will display a list of Outputs programmed in the system, after you select an Output from the list click OK.

(9 Open:Cl	ose Area									23
	-Area List										
	Area No.	Description			Controlling Circuit	Area Input	Area Output	Area Name	Alarm Output	Last Changed	By
	Area Nur Area Inp Entry Tin Last Cha	nber 1 out 000-00-002 ner(Sec.) 0 inged By Ian	Area Name A Controll Exit Times	Circuit ID Description Output 000-00-001 000-00-005 000-00-005 000-00-016 000-00-018 000-00-018 000-00-018 000-00-018 000-00-018 000-00-018 000-00-018 000-00-014 000-00-018 000-00-014 000-00-012 000-00-014 000-00-018 000-00-00-00-00 000-00-00 000-00-00 000-00-00 000-00-00 000-00-00 000-00-00 000-00-00 000-00 000-00-00 000-00-00 000-00-00 000-00	000-00-001 Hom Alam Description Hom Alam Red LED Hom Alam Red LED Green LED Green LED Green LED		X ancel	Ali Bude Delete	arm Output	Detail Cancel	

Alarm Output Entered

🛞 Open:Close Area		23
Area List		
Area No. Description Controlling	Circuit Area Input Area Output Area Name Alarm Output Last Change	d By
Area Number 1 Area Name Area 1 Description	Front Lobby Entrance Detail	
Area Input 000-00-002 Controlling Circuit 000-00-000	Area Output 000-00-010 Alarm Output 000-00-001	
Entry Timer(Sec.) 0 Exit Timer(Sec.) 0	Timer Output Buddy Area(Y:N)	
Last Changed By	New Edit Delete Save Cancel	

Entry Timer: Amount of time, in seconds, allotted to open an Area from the Controlling Circuit after the Area Input has been activated. When a time is enter here the Area# will be removed from Open/Closed command from the alarm screen preventing a manual command from being sent from the Alarm Screen, Applies to software versions 7603 and up.

Exit Timer: Amount of time, in seconds, allotted to activate or exit through the Area Input after closing the Area with the Controlling Circuit. The **Entry/Exit Timer** entries are only used if you have entered an **Area Input**.

(Open:Close Area	25
TArea List	
Area No. Description Controlling Circuit Area Input Area Output Area Name Alarm Output Last Change	ed By
Area Number 1 Area Name Area 1 Detail	
Area Input 000-00-002 Controlling Circuit 000-00-000 Area Output 000-00-010 Alarm Output 000-00-001	
Entry Timer(Sec.) 60 Exit Timer(Sec.) 60 Timer Output Buddy Area(Y:N)	
Last Changed By Ian New Edit Delete Save Cance	3

Timer Output: Is a Output circuit that is activated when an Entry Timer or Exit Timer have expired before the Open/Close process is successfully completed. Clicking on the **Timer Output** button will display a list of Outputs programmed in the system.

饙 Open:Close Area		x
Area List		
Area No. Description	Controlling Circuit Area Input Area Output Area Name Alarm Output Last Chang	ed By
Area No. Description Area Number 1 Area Number 1 Area Input 000-00-002 Controll Entry Timer(Sec.) 60 Exit Timer Last Changed By Ian	Controlling Circuit Area Input Area Output Area Name Alarm Output Last Chang Image: Circuit ID 000-00-002 Image: Circuit ID 000-00-002 Image: Circuit ID Image: Circuit ID </td <td>ed By</td>	ed By

Click on Save to save the record.

(Open:Cl	lose Area	23
Γ	Area List		
	Area No.	Description Controlling Circuit Area Input Area Output Area Name Alam Output Last Changed By	
			51
	Area Nu	mber 1 Area Name Area 1 Description Front Lobby Entrance Detail	
	Area In	put 000-00-002 Controlling Circuit 000-00-000 Area Output 000-00-010 Alarm Output 000-00-001	=
	Entry Ti	mer(Sec.) Jou Exit Timer(Sec.) Jou Timer Output 000-00-002 Buddy Area(Y:N)	
	Last Cha	anged By Ian New Edit Delete Save Cancel	
L			

The record now displays in the Open/Close Area Box you can **Edit**, **View**, or **Delete** an **Open/Close Area Record** by just highlighting the record.

🐞 Open:Cl	ose Area						X
Area List Area No.	Description Front Lobby Entrance	Controlling Circuit 000-00-000	Area Input 000-00-002	Area Output 000-00-010	Area Name Area 1	Alam Output 000-00-001	Last Changed By
Area Nur	mber 1 Area Name Area 1	Description From	t Lobby Entran	ICE			Detail
Area Ing Entry Tir Last Cha	put 000-00-002 Controlling Circuit 000-00-00 mer(Sec.) 60 Exit Timer(Sec.) 60 anged By Jan 100 100	00 Ar	ea Output	000-00-010 000-00-002 Edit	Ala Budo Delete	arm Output 0 dy Area(Y:N) 5 Save	000-00-001

Finished