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System Configuration, BioStar 2, Trigger and Action, Alert, Setting

How to configure Trigger and Action on Setting

The trigger & action feature is used when you would like to send a custom output signal from a device or send an email to the administrator based on the occurrence of an alarm event. For instance, you can use this feature to trigger your alarm lamp when a forced door open alarm goes on. The system will simultaneously send an email to the administrator as well.

Surrems	
BioStation A2	
Relay 1 Output	

Available Triggers

Below is the full list of events that are available for triggers on the setting menu. Available events for Device:

- Supervised Input (Open)
- Supervised Input (Short)
- Tamper On
- RS-485 disconnected
- Device restarted

Supervised Input is used with a DM20. Please refer to DM-20 Wiring Examples for more information.

Available events for Door:

- Held door open alarmed: can be used after setting Door>Alarm>Held Open
- Forced door open alarmed: can be used after setting Door>Alarm>Forced Open
- Held door opened: can be used after setting Door>Door Sensor

- https://kb.supremainc.com/knowledge/

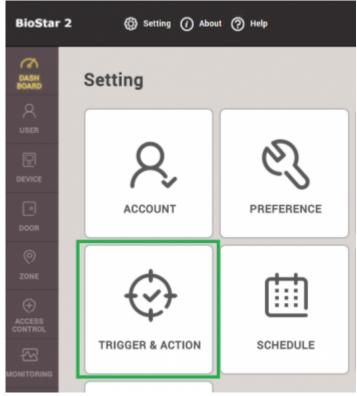
• Forced door opened: can be used after setting Door>Door Sensor

Available events for Zone:

- Scheduled lock zone alarm detected
- Fire alarm zone alarm detected
- Anti-passback zone alarm detected

Setting Up a Custom Signal Output

In the scenario below, we will send a custom signal from our A2 when there is a forced open event. 1. Click **Setting > TRIGGER & ACTION**.



2. Click ADD TRIGGER & ACTION.

ADD TRIGGER & ACTION

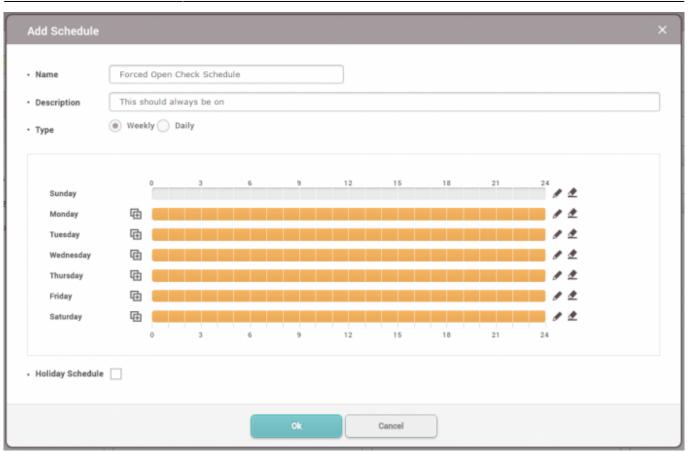
3. Enter a name for this trigger on the **Name** textbox.

4. Click on the schedule drop box. Click **+ Add Schedule**. If you have a preconfigured schedule, you can use that one by selecting it.

• Name	Forced Open Trigger		Schedule	×
				Q
	Device Door Zone			Always
		Q	Sup	+ Add Schedule

5. Configure the schedule as necessary and click **Ok**. In this case, I would like the trigger to be on all day except for Sunday.

⁻ https://kb.supremainc.com/knowledge/



- 6. Now select the newly created schedule on the Schedule drop box.
- 7. Select the **Door** radio button.
- 8. Select the door this will affect. The A2 is installed on Door 3 in this example.
- 9. Check Forced door opened.
- 10. Select your device (A2).
- 11. Relay 0 is already used for the door lock so relay 1 will be used for the output.



- 12. Click on the **Signal** drop down box.
- 13. Click Add Signal.
- 14. Fill in the details as desired and click **Apply**.

3/3

Name Signal fo	r Forced Open	
Signal		
• Delay(ms)	Counts	
0	25	
• ON	• 0FF	
4	1	

- 15.Click on the Signal drop box and select the signal you just created and click Apply.
- 16. Now when there is a forced door open event, the custom signal is sent to relay 1.

• Real-time Log						
▼ Save Filter					II Pause	🛃 Clear
Date						▼ View
2016/08/03 14:54:01	Door 3	541531090	BioStation A2		Door closed	
2016/08/03 14:53:59	Door 3	541531090	BioStation A2		Forced door opened	

Setting Up an Email Alert on BioStar

- 1. Click Setting > TRIGGER & ACTION.
- 2. Click on your desired trigger.
- 3. On Device / BioStar tab, click BioStar and check BioStar.

← Forced Open Trigger

	O Device Door Zone		Event	Devid	e	BioStar	Action	
	ġ		Held door open alarmed	BioStar			Send Email	¢
	E 🚺 All Doors		Forced door open alarmed				Recipient	
	🖪 🚺 DM-20 Doors		Held door opened				None	
	🔳 🚺 Door Group 1	~	Forced door opened					+ Add
~	Door 3							
	Door 4							
	Door1							
	Door2							

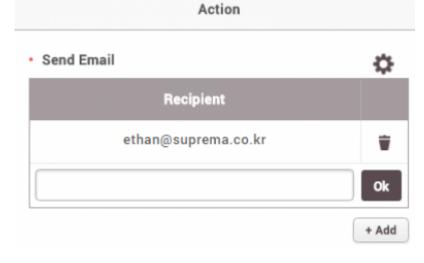
4. Click on the Gear icon on the action tab to setup your email.

☆

5. Set up your SMTP. If you are not sure what the settings are, please ask your IT administrator.

SMTP Option	×
Sender Information	
SMTP Server Name	Ethan admin email
Description	gmail
Server Address	smtp.gmail.com
Port(default:25)	465
User Name	ethan@suprema.co.kr
Password	•
Security Type	SSL 💌
Sender	ethan@suprema.co.kr
Apply	Cancel

6. Add a **Recipient** and click **Apply**.



7. Now create a forced door open event.

🕟 Real-time Log	Y Save Filter								
Device Status	Date								
Door Status	2016/08/08 17:20:51	Door 3	541531090	BioStation A2			Door closed		
📀 Zone Status	2016/08/08 17:20:51	Door 3	541531090	BioStation A2			Door locked		
🙋 Alert History	2016/08/08 17:20:51	Door 3	541531090	BioStation A2			Held door opened		
	2016/08/08 17:20:48	Door 3	541531090	BioStation A2			Forced door opened		

8. The administrator will receive an alert email.

Sent to Me

[BioStar Alert] Forced door opened 받은편지함 ×



Biostar Alarm Manager <ethan@suprema.co.kr>

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Datetime: 2016-08-08 08:20:48(+00:00) Server Datetime: 2016-08-08 17:19:35 Event: Forced door opened Device ID: 541531090 Device Name: BioStation A2 541531090 (192.168.16.192) Door: 15 Door Name: Door 3

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Last update: 2020/06/02 10:55