

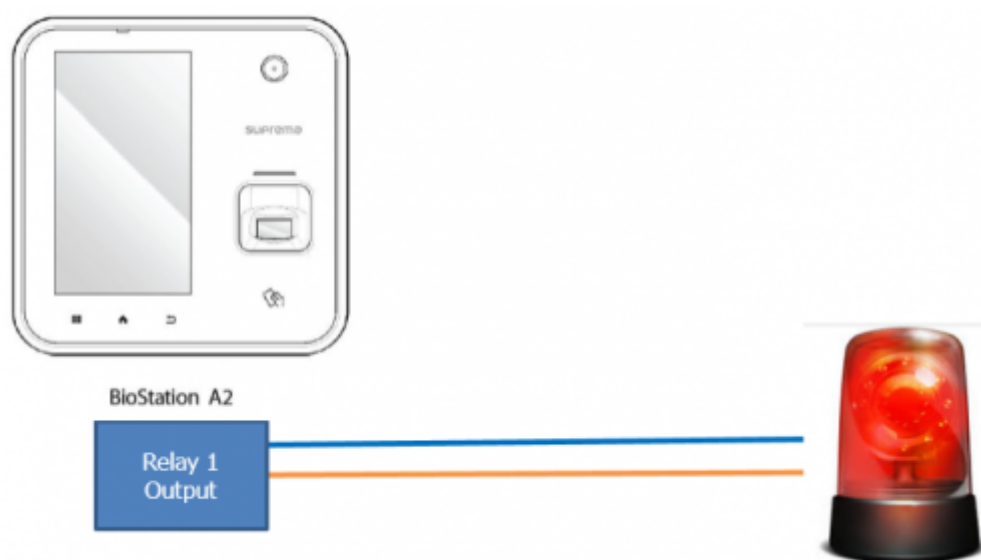
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[System Configuration](#), [BioStar 2](#), [Trigger and Action](#), [Alert](#), [Setting](#)

# 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.



## 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
- Forced door open alarmed
- Held door opened

- Forced door opened

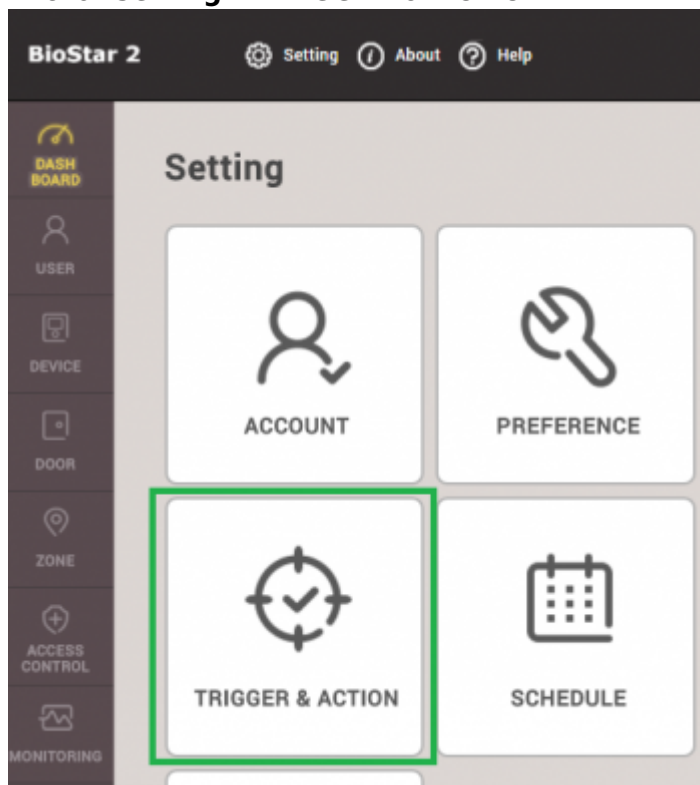
Available events for Zone:

- 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**.

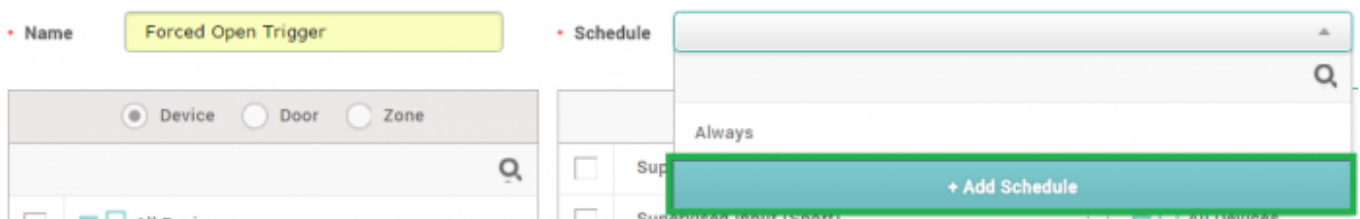


2. Click **ADD TRIGGER & ACTION**.



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.



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.

**Add Schedule**

• Name:

• Description:

• Type: ☒ Weekly ☐ Daily

Calendar grid showing days of the week (Sunday to Saturday) and time slots (0 to 24). All days are selected (highlighted in orange).

• Holiday Schedule: ☐

Ok Cancel

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.

• Name:  • Schedule:

Device: ☐ Device ☒ Door ☐ Zone

Event:

- ☐ Held door open alarmed
- ☐ Forced door open alarmed
- ☐ Held door opened
- ☒ Forced door opened

Device:

- ☒ All Devices
- ☒ BioStation A2 541531090 (192.168.16.192)
- ☐ XpassS2 546260625 (192.168.16.129)
- ☐ DoorModule20 788879215

Action:

• Output:

• Signal:

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



**Add New Signal**

• Name: Signal for Forced Open

**Signal**

• Delay(ms): 0

• Counts: 25

• ON: 4

• OFF: 1

Apply Cancel

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 Pause Clear ...

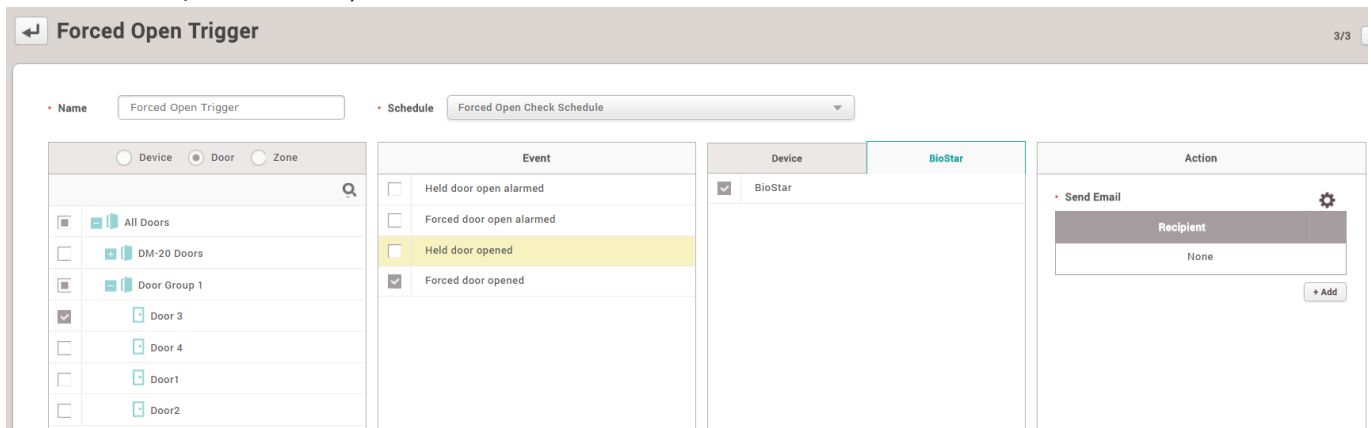
Date	Door	Device ID	Device	User	Zone	Event	View
2016/08/03 14:54:01	Door 3	541531090	BioStation A2 ...			Door closed	
2016/08/03 14:53:59	Door 3	541531090	BioStation A2 ...			Forced door opened	

## 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**

Name: Forced Open Trigger Schedule: Forced Open Check Schedule

Device Door Zone

All Doors DM-20 Doors Door Group 1 Door 3 Door 4 Door1 Door2

Event

Held door open alarmed Forced door open alarmed Held door opened Forced door opened

Device BioStar

Action

Send Email Recipient None + Add

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**.

Action

Send Email

Recipient

ethan@suprema.co.kr

Ok

+ Add

7. Now create a forced door open event.

Real-time Log

Device Status

Door Status

Zone Status

Alert History

Save Filter

Date	Door	Device ID	Device	User	Zone	
2016/08/08 17:20:51	Door 3	541531090	BioStation A2 ...			Door closed
2016/08/08 17:20:51	Door 3	541531090	BioStation A2 ...			Door locked
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.

## [BioStar Alert] Forced door opened

받은편지함 x

Sent to Me x

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

나에게 ▾

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

From:

<http://kb.supremainc.com/knowledge/> -

Permanent link:

[http://kb.supremainc.com/knowledge/doku.php?id=en:how\\_to\\_configure\\_trigger\\_and\\_action&rev=1470727598](http://kb.supremainc.com/knowledge/doku.php?id=en:how_to_configure_trigger_and_action&rev=1470727598)

Last update: 2016/08/09 16:26