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# Improved Trigger & Actions to Be Able to Use the Output Port of the BioStation 2

As you know, BioStation 2 is the only Suprema device that has a separate TTL Output port. In order to support various installation environments of customers, Suprema improved its function to configure Trigger & Action through the TTL Output port of BioStation 2.

Before using this feature, you should **match both BioStar 2 software and BioStation 2 firmware version** as follows.

- **BioStar 2 SW** : v2.8.3 or above
- **BioStation 2 Firmware** : v1.9.0 or above

## 1. Configure at Device Trigger & Action

- BioStar 2 > Device > BioStation 2 > Advanced > Trigger & Action

The screenshot shows the 'Add Trigger & Action' configuration window. It is divided into two main sections: 'Trigger' and 'Action'.

**Trigger Section:**

- On the left, there are three radio buttons: 'Event' (selected), 'Input', and 'Input(Event Name Change)'.
- On the right, there is an 'Event List' with a search bar and a list of events. The event 'Held door opened' is selected.

**Action Section:**

- On the left, there are three radio buttons: 'Output' (selected and highlighted with a red box), 'Alert Sound', and 'Disable Device'.
- On the right, there is a 'Port' dropdown menu. The dropdown is open, showing three options: 'Output 0' (selected and highlighted with a red box), 'Relay 0', and 'Output 1'.

At the bottom of the window, there are two buttons: 'Apply' and 'Cancel'.

## 2. Configure at BioStar 2 Global Trigger & Action

- BioStar 2 > Settings > Trigger & Action

Trigger & Action

Name: Test Trigger & Action

Schedule: Always

Device: ☐ Device ☐ Door ☐ Zone

Event:

- ☐ AC Power Failure
- ☐ Supervised Input (Open)
- ☐ Supervised Input (Short)
- ☐ Tamper on
- ☐ RS-485 disconnected
- ☐ Device restarted
- ☒ Device Disconnection Detected
- ☐ 1:1 authentication succeeded (ID + PIN)
- ☐ 1:1 authentication succeeded (ID + Fingerprint)
- ☐ 1:1 authentication succeeded (ID + Fingerprint + PIN)
- ☐ 1:1 authentication succeeded (ID + Face)
- ☐ 1:1 authentication succeeded (ID + Face + PIN)
- ☐ 1:1 authentication succeeded (Card)
- ☐ 1:1 authentication succeeded (Card + PIN)
- ☐ 1:1 authentication succeeded (Card + Fingerprint)

Device: BioStation 2 547232457 (192.168.16.238)

Action:

Output:

- Relay 0
- None
- Relay 0
- Output 0
- Output 1

Apply Cancel

## 3. Configure at BioStar 2 Door Alarm

- BioStar 2 > Door > Alarm

Door Alarm

Anti-Tailgating:

Sensor: None

Alarm:

Held Open: Action: Output 0 of BioStation 2 547232457 (192.168.16.238) Device

Held Open Time: 3 sec

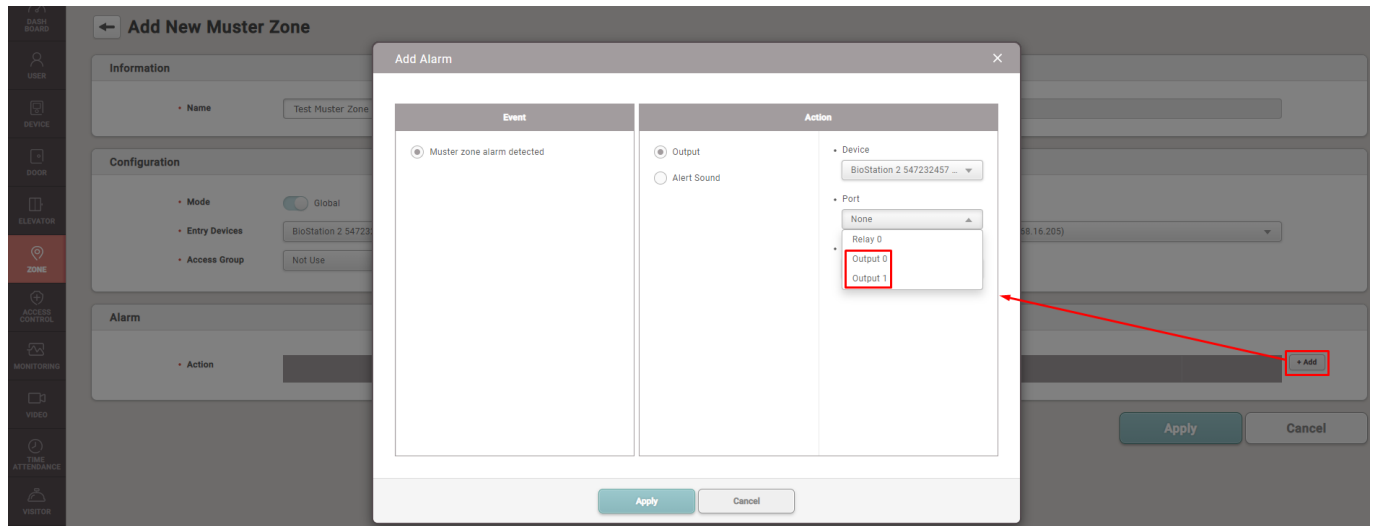
Forced Open: Action: Output 1 of BioStation 2 547232457 (192.168.16.238) Device

Anti PassBack: Action:

Apply Cancel

## 4. Configure at BioStar 2 Zone Alarm

- BioStar 2 > Zone > Alarm



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