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System Configuration, BioStar 2, Muster Zone

# How to Configure a Muster Zone

BioStar 2.6 introduced the Muster Zone, which is a zone that allows you to track how many people are in a specified zone when an emergency occurs.

This feature can also be used to send out an alarm when a user stays in a danger zone for an extended period of time.

This zone is only available as a Global zone, which means that the server takes the role of making the logical calculations and not the device. The status of the zones are determined based on the logs uploaded by the devices in the zone.

If the user information on the device is different from the information in the server, the user is shown based on the user information in the server.

Schedule, bypass users, reset time is not supported with this feature.

# **Configuring a Muster Zone**

1. Log in to BioStar 2 with an administrator account with **ZONE** configuration privileges.

2. Users, door, and access groups should be configured beforehand.

Refer to the article to learn how to configure **Access Groups** How to make access groups and **Doors** How to add and configure doors

3. Click on the **ZONE** menu.

- 4. Click ADD ZONE.
- 5. Select **Muster** and click **Apply**.
- 6. Name your muster zone.
- 7. Only **Global** zone is available.
- 8. Configure your Entry and Exit Devices.
- 9. Select your Access Groups to choose which users to track.

The Access Group configuration only applies the users in the Access Groups. The schedule and other Access Group settings are not applicable for the Muster Zone. 2024/11/01 21:24

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← Add New I	Muster Z	one					
Information							
• Name		myMusterZonej		• Туре	Muster		
Configuration							
- Mode		Global		Active/Inactive	Active		
Entry	Devices	BioEntry W2 544108309 (192.168.14.168)	Ŧ	Exit Devices	BioEntry W2 544110167 (192.168.14.177)	Ŧ	
Acces	ss Group	Sales and TS Group	Ψ	Max Time Limit	30 min.		
Alarm							
<ul> <li>Actio</li> </ul>	n	Event		Action	1		+ Add
		Muster zone alarm detected		Alert Sound	BioEntry W2 544108309 (192.168.14.168)	28	

10. Configure your **Max Time Limit** if you want to track how long a user should stay in the zone until an alert is made.

If you do not want to use this feature, leave the value as 0.

Maximum value for Max Time Limit is 4320 minutes (3 days)

11. If you want to configure an alarm action when the max time limit has exceeded, click **+Add** on **Alarm** > **Action** 

12. Select if you want to configure an **Alert Sound** on the device or send out a relay signal through **Output** and click **Apply**.

Add Alarm		×
Event		Action
Muster zone alarm detected	Output <ul> <li>Alert Sound</li> </ul>	<ul> <li>Device</li> <li>BioEntry W2 544108309 </li> <li>Buzzer Volume</li> <li>Medium </li> </ul>

### **Checking the Muster Zone Status**

- 1. Click on the **MONITORING** tab.
- 2. Click the **Zone Status** tab.
- 3. Click **Muster Status** on the View column.

2024/11/01 21:24 3/6 How to Configure a Muster Zone Zone Status
 Event Log Y Save Filter ••• > Real-time Log Device Status Door Status Muster myMusterZone Active Muster Status Floor Status O Zone Status 🕗 Alert History

4. The status will be updated every minute, but if you want to update it before that click the circular arrow button.

+ m	yMuste			H 4 1	1 🕨 🖌	50 rows 💌
In Users	1, Out Users	1, Total Users	3 Auto refresh at	every minute		c
User ID 🔻	User 🔻	User Group 🔻	Entry Time	Exit Time	Time Limit Ex T	Status <b>T</b>
3	Ethan	TS Team	-	-	Normal	-
4	E Left Third	TS Team	2018/03/19 15:52:09	-	Normal	In
5	E left fourth	Sales Team	2018/03/19 15:51:52	2018/03/19 15:52:19	Normal	Out

The logs appearing on refresh will take longer to appear than the real time log. It will appear based on the time the logs are stored in the database, which may take  $5\sim10$  seconds after the actual log event.

5. If a **Max Time Limit** was configured, the exceeded user will be marked as a red row.

In Users	1, Out Users	1, Total Users	3 🛛 Auto refresh at	every minute		0
User ID 🔻	User 🔻	User Group 🔻	Entry Time	Exit Time	Time Limit Ex <b>T</b>	Status <b>T</b>
3	Ethan	TS Team	-	-	Normal	-
4	E Left Third	TS Team	2018/03/19 16:00:16	2018/03/19 16:00:31	Normal	Out
5	E left fourth	Sales Team	2018/03/19 16:00:13	-	Exceeded	

The 'exceeded' event will clear when the user exit and enters the zone again.

<sup>6.</sup> Click on ... to export a report.

	<b>0</b>
: Lin	Print
	CSV Export
Norn	Column Setting

#### Normal

- Out
- 7. For a text file export of the report, click **CSV Export**.

I

- 8. For a PDF export, click **Print**.
- 9. Change the File Format to PDF.

Title	myMusterZone	
	Show Title On Every	Page
Footer	Reporting Date Form	at
	<ul> <li>Comment</li> </ul>	Created by Ethan
	Page Number	
File Format	PDF	•
Page Size	A4	•

#### 10. Click Print.

User Group	Entry Time	Exit Time	Time Limit Exceeded	Status
TO Tool				
TS Team			Normal	-
TS Team	2018-03-19 16:00:16	2018-03-19 16:00:31	Normal	Out
Sales Team	2018-03-19 16:04:47		Exceeded	In
	TS Team	TS Team 2018-03-19 16:00:16	TS Team 2018-03-19 16:00:16 2018-03-19 16:00:31	TS Team 2018-03-19 16:00:16 2018-03-19 16:00:31 Normal

You must turn off the popup block feature to use the PDF Print feature.

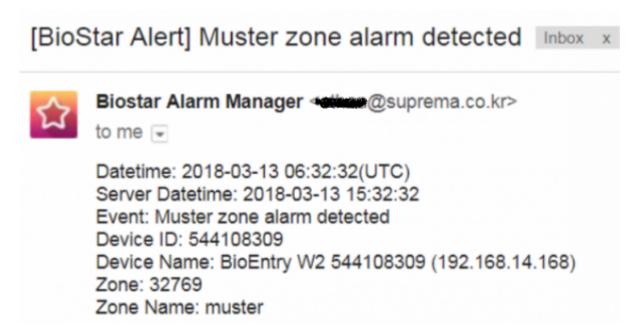
## **Creating a Muster Zone Email Trigger**

Refer to the article below to create an email trigger.

How to configure Trigger and Action on Setting You can configure **Muster Zone Alarm Detected** event to send an email to the configured email address.

Name	Muster Trigger	• Sch	Always	Ŧ	
	Device Door O Zone		Event	Device	Bio
	٥		Muster zone alarm detected	BioStar	
	💡 Anti-passback		Interlock door open denied alarm (Occupied)		
	💡 Fire Alarm		Interlock door open denied alarm		
	Scheduled Lock		Intrusion alarm detected		
	Scheduled Unlock		Scheduled lock zone alarm detected		
	Intrusion Alarm		Fire alarm zone alarm detected		
	💡 Interlock		Anti-passback zone alarm detected		
~	🔲 🖓 Muster				
	myMusterZone				

Below is a sample email notice you would receive.



### Video Demonstration

x2\_sc\_muster\_zone\_video.mp4

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