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How To Configure an Occupancy Limit Zone

Affect Products & Versions	
Device	FaceStation 2 v1.5.0 or later FaceStation F2 v1.1.0 or later
BioStar 2	BioStar v2.8.11 or later

The Occupancy Limit Zone enables an administrator to manage and control the population density of a place to prevent overcrowding and monitor the zone status. You can use this feature to manage the indoor space to avoid overcrowding for COVID-19 policies. Suprema's Occupancy Limit Zone allows only a limited number of people to enter based on the authentication record from the entry/exit device and restricts entry beyond that, enabling monitoring of the occupants in the zone.

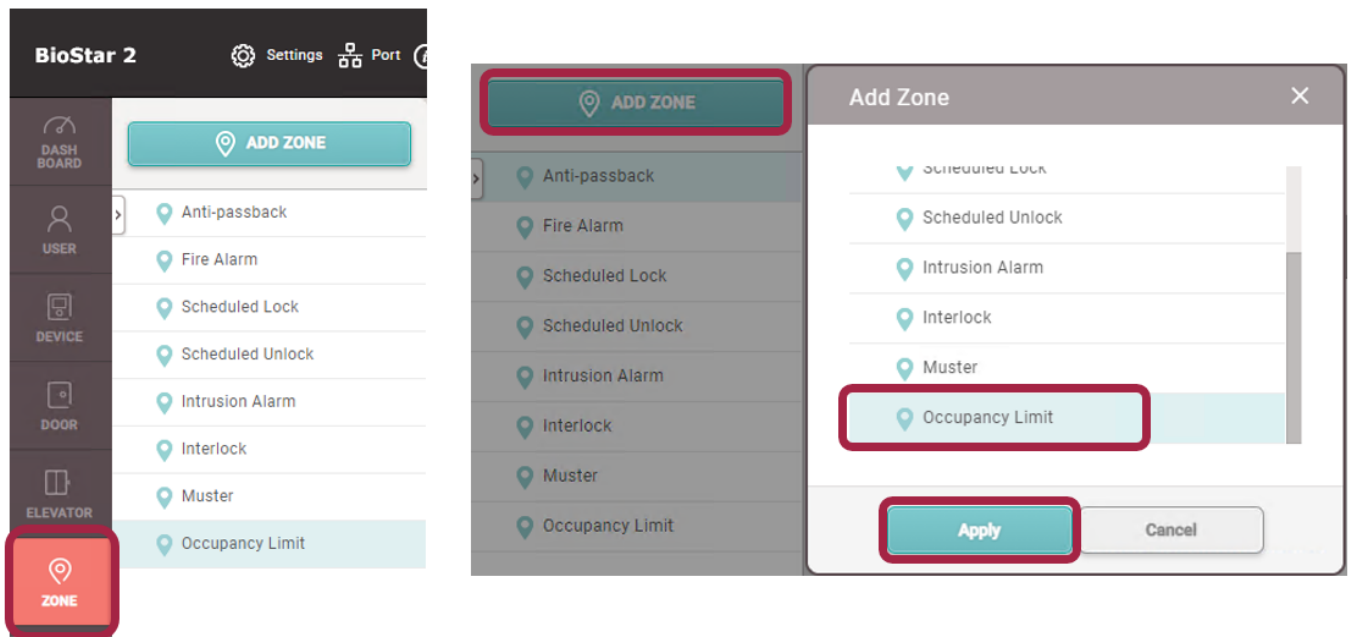
- BioStar 2 AC license is required to use the Occupancy Limit Zone feature.
- For further license information, please visit [\[BioStar 2\] Server License Specification](#).

How to Configure Occupancy Limit Zone

You can set the Occupancy Limit Zone following the steps below.

Step 1: Go [Zone] and click [Add Zone]

Step 2: Choose [Occupancy Limit] to create a new zone



Step 3: Enter a name for the Zone and select devices to configure the Zone

Please note that Occupancy Limit Zone only supports FaceStation 2 and FaceStation F2.

The screenshot shows the configuration page for an 'Occupancy Limit' zone. The 'Name' field is set to 'BioStar 2.8.11 Occupancy Limit Zone'. The 'Type' is 'Occupancy Limit'. The 'Mode' is set to 'Global'. The 'Entry Devices' are 'FaceStation F2 547835868 (192.168.13.170)'. The 'Exit Devices' are 'FaceStation 2 542191492 (192.168.13.101)'. The 'Limit' is set to 5. The 'Count Alert' is set to 'Use'. The 'Alert 1' is set to 3 and 'Alert 2' is set to 4. The 'Active/Inactive' toggle is set to 'Active'. The 'Auto Count Reset' is set to 'Not Use'. The 'Network Failure Action' is set to 'Allow Entry and Exit'. A red box highlights the 'Entry Devices' and 'Exit Devices' fields. A red box at the bottom of the configuration page states: 'Supports FaceStation 2 and FaceStation F2 ONLY.'

Occupancy Limit Zone only supports Global mode.

Information

Name: BioStar 2.8.11 Occupancy Limit Zone

Type: Occupancy Limit

Configuration

Mode: ☒ Global

Entry Devices: FaceStation F2 547835868 (192.168.13.170)

Limit: 5

Count Alert: ☒ Use

Alert 1: 3

Alert 2: 4

Active/Inactive: ☒ Active

Exit Devices: FaceStation 2 542191492 (192.168.13.101)

Auto Count Reset: ☐ Not Use

Network Failure Action: ☒ Allow Entry and Exit

Count Bypass

Bypass Group: Bypass Access Group

Apply Cancel

Step 4: Enter the number of people that can enter this zone at one time in Limit

You can enter numbers from 0 to 10,000.

Limit 0: people can enter the zone without a limit.

Information

Name: BioStar 2.8.11 Occupancy Limit Zone

Configuration

Mode: ☒ Global

Entry Devices: FaceStation F2 547835868 (192.168.13.170)

Limit: 5

Count Alert: ☒ Use

Alert 1: 3

Alert 2: 4

You can enter numbers from 0 to 10,000.
• **Limit 0:** people can enter the zone **without a limit**

Count Alert: Set an alert to an administrator or set to save event logs before Count reaches the occupancy limit.

- You can set up two alerts and should enter numbers smaller than the Limit value. The values of the alerts must be different.

Configuration

- Mode ☒ Global
- Entry Devices FaceStation F2 547835868 (192.168.13.170)
- Limit
- Count Alert ☒ Use
 - Alert 1
 - Alert 2 Enter a value less than 5.

Auto Count Reset: Set the time to automatically initialize Count. The Count will be initialized at the time you set every day.

- Active/Inactive ☒ Active
- Exit Devices FaceStation 2 542191492 (192.168.13.101)
- Auto Count Reset ☐ Not Use
- Network Failure Action ☒ Allow Entry and Exit

• Auto Count Reset ☒ Use :
 * This follows the time zone set in BioStar 2.

Network Failure Action: Set whether to allow users to enter or leave when a network error occurs in the device set in the zone. If you set it to Allow Entry and Exit, it stops entry restrictions when the device loses network connection, so people can enter the zone even if Count in the zone exceeds the occupancy limit.

- Active/Inactive ☒ Active
- Exit Devices FaceStation 2 542191492 (192.168.13.101)
- Auto Count Reset ☐ Not Use
- Network Failure Action ☒ Allow Entry and Exit

• Network Failure Action ☐ Only Exit Allowed

Step 5: If there are users who should be able to access this zone regardless of the rules, set Bypass Group

Count Bypass

- Bypass Group Bypass Access Group

Video Demonstration



Video

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