

FREQUENTLY ASKED QUESTIONS

COSEC

What
When
Which
Where
How
Who
Why



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How to control access of one Zone based on occupancy count of second zone?

Yesterday I have observed that our control room was empty in the evening and R&D and Head office building were accessible for all the employees



This can be very serious because R&D and Head Office building should be monitored continuously.

Is there any way we can control the access of R&D and Head Office building when Control room is empty?



Yes, COSEC has a facility called
'Occupancy Control'.

We can control Access based on
occupancy of other zone.

This feature will surely fulfill our
requirement



That's Great. This feature will be very useful when it comes to a concern of organization's safety.

I want you to apply this solution in our organization as soon as possible



To configure this feature,
ACM license, Panel Lite
Doors and Exit Readers pair
is must, which I already
have.

To configure Occupancy
control feature, I will have
to follow below steps...



Step1: Go to *Device* | *Device List* and Select the Panel Lite V2 device from the list on which Occupancy control needs to be configured.

The screenshot shows the COSEC 'Device List' interface. A table lists several devices, with 'Panel Lite V2' (ID 5) highlighted by a red box. The table has columns for ID, Name, Device Type, Site, and Active status.

ID	Name	Device Type	Site	Active
18	Arc Controller-Device-18	Arc Controller	Site-1	Active
6	Panel Lite V2-Device-6	Panel Lite V2		Active
5	Panel Lite V2	Panel Lite V2		Active
3	Device Test	Panel Lite V2 Door	Site-1	Active
2	Vega Controller PD Floor 2	Panel Lite V2 Door	Site-1	Active
1	Vega Controller PD Floor 1	Panel Lite V2 Door	Site-1	Active

Step2: Click on *Zone* to configure the setting.

The screenshot shows the COSEC 'Device Configuration' interface for 'Panel Lite V2'. The 'Zones' tab in the left-hand menu is highlighted with a red box. The main area shows configuration fields for ID, Name, IP Address, and MAC Address.

Step3: On *Zone* Tab, Select *Occupancy Control* Section.

The screenshot shows the COSEC 'Device Configuration' interface for 'Panel Lite V2'. The 'Occupancy Control' section in the right-hand menu is highlighted with a red box. The main area shows configuration fields for Control Zone, Access Mode, Action, Alarm Timer, Monitor Zone-1, Avoid Occupancy, Monitor Zone-2, and Check Conditions For.

The significance of each tab on the Occupancy Tab is as explained below:

Setup Configuration Occupancy Control

Control Zone No. /Name

Access Mode Entry

Action Alarm

Alarm Timer (Sec) 0

Monitor Zone-1 No. /Name

Avoid Occupancy Equal To 0

Monitor Zone-2 No. /Name

Avoid Occupancy Equal To 0

Check Conditions For Any One Zone

Add Cancel

Control Zone Action Monitor Zone-1 Monitor Zone-2

No Record Found

Control Zone is the Zone on which Access needs to be controlled.

Specify the restriction method. Entry, Exit or both what is to be restricted.

Specify whether the Action to be taken should be either raise the alarm or restrict the access. In case of alarm, timer also can be set.

Setup Configuration Occupancy Control

Control Zone No. /Name

Access Mode Entry

Action Alarm

Alarm Timer (Sec) 0

Monitor Zone-1 No. /Name

Avoid Occupancy Equal To 0

Monitor Zone-2 No. /Name

Avoid Occupancy Equal To 0

Check Conditions For Any One Zone

Add Cancel

Control Zone Action Monitor Zone-1 Monitor Zone-2

No Record Found

Select Zone as **Monitor Zone** whose occupancy should determine the occupancy of **Control Zone**.
Max. 2 Monitor Zone can be set.
These may be same or different than the **Control Zone**.

In the **Check Condition For** field, specify whether the avoid occupancy Condition should be satisfied for Both Monitor Zones or for any one monitor zone in order to restrict Access in Control Zone.

Monitor Zone-1 4 Zone 2

Avoid Occupancy Less Than 5

Monitor Zone-2

Avoid Occupancy Less Than 0

Greater Than

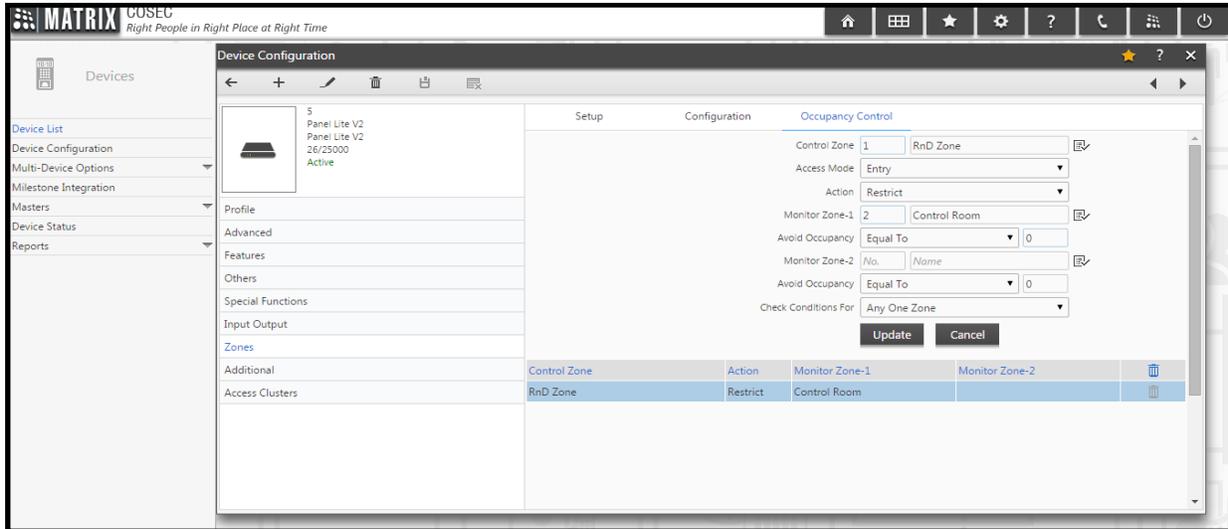
Set **Avoid Occupancy** condition for Monitor Zone. Occupancy Condition value can be set in three different ways. - Equal to, Less than & Greater than. Once this condition will be satisfied, User's Access will be restricted/Alarm will be triggered in Control Zone.

Step4: Configure below parameters to achieve the requirement.

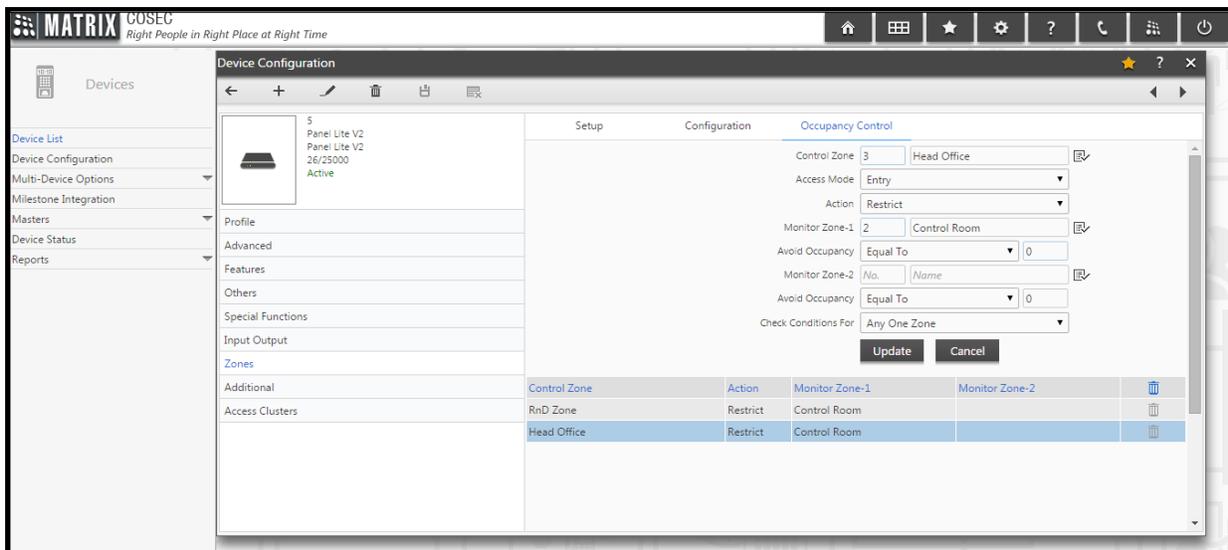
Control Zone = R&D Building and Head Office (As we need to control occupancy of Control Room)

Monitor Zone = Control Room.

a. Configure as below and click on *Add*.



b. Configure as below and Click on *add*.



After above configuration, Entry will be restricted on Head Office and R&D building when control room is empty.

That's great!! After this configuration, Employees will not be able to enter into R&D and Head Office Building if Control Room is empty



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