

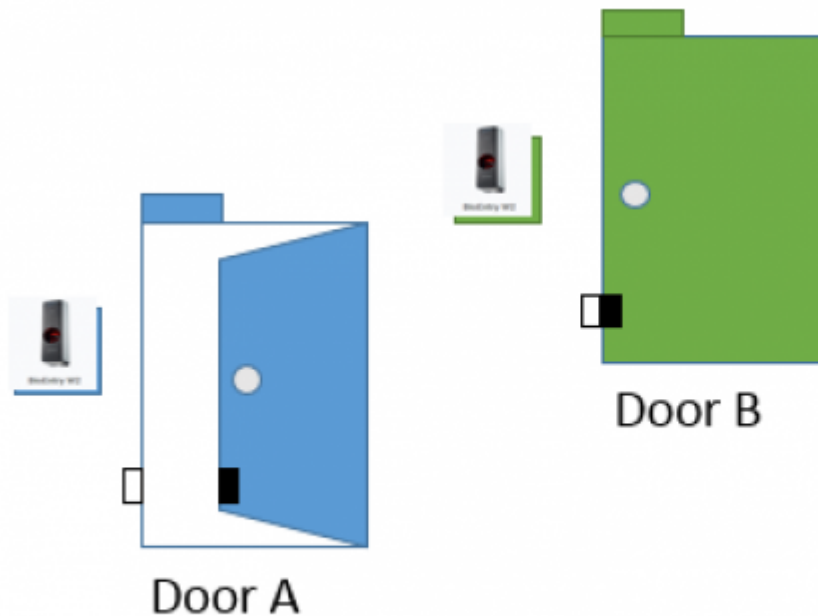
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# How to Configure an Interlock Zone

To provide secure interlock area, one of the door is locked when an external input such as door status sensor indicates another door is opened. This feature is usually considered important in laboratory or operation room where security of dust is of high concern.



**Door B will only open if door A is closed and locked**

Applied version: BioStar2 v2.6

Compatible case:

Only Local zone is supported for interlock zone

CoreStation should be a RS485 Master of the local zone

FW : cs40\_v1\_1\_0\_20180317\_sign or higher version

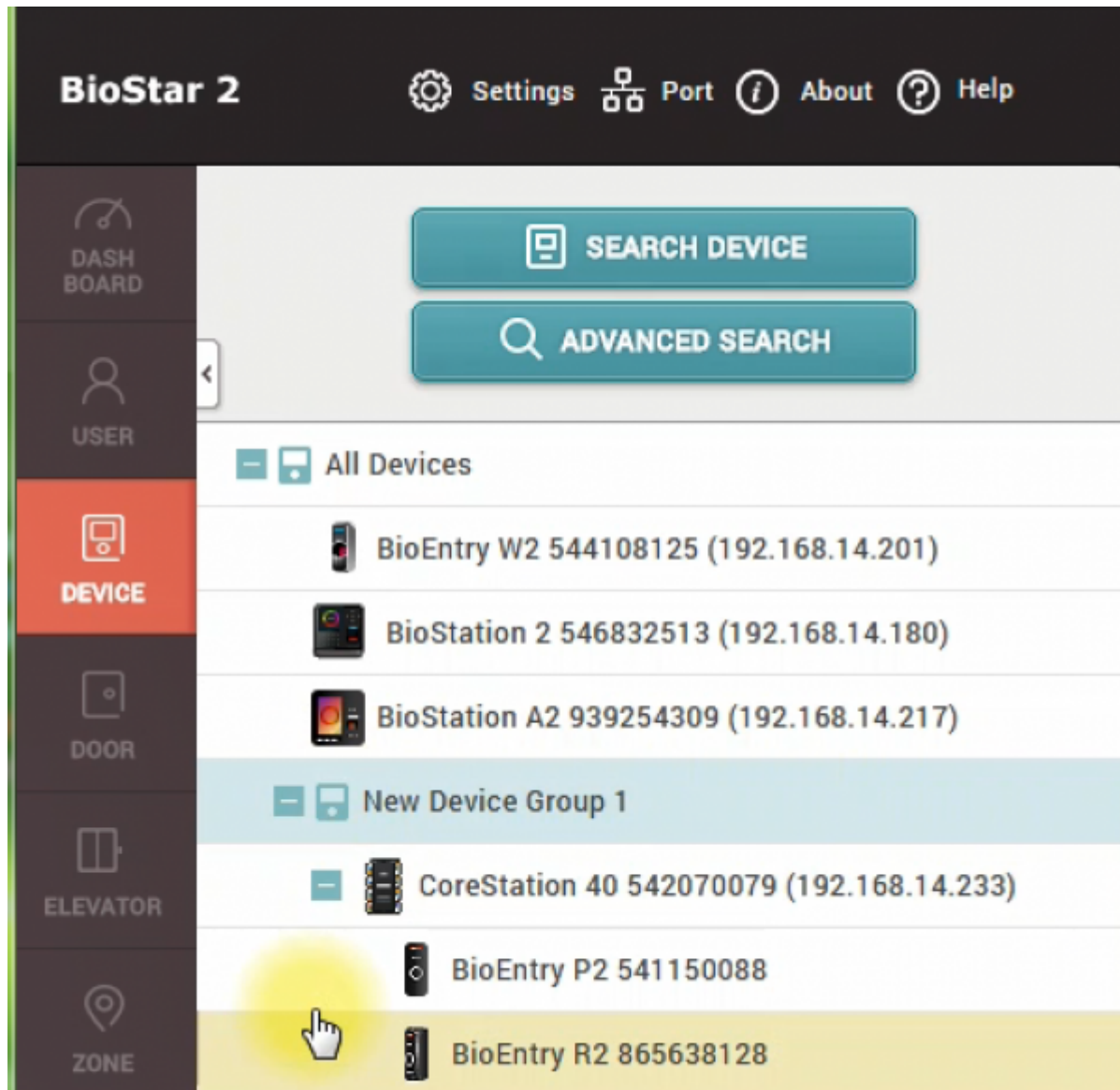
The interlock zone will be supported by CoreStation firmware. It means that you can use any devices for Interlock Zone Configuration as slave device of CoreStation.

[interlock\\_zone.mp4](#)

1. Activate the license of BioStar2 AC as standard or higher level For license inquiry, please contact to

our sales representative.

2. Confirm the zone menu
3. Go to Device menu
4. Add CoreStation and slave devices



5. Confirm the firmware version of the CoreStation is 1.1.0 or higher version
6. Go to [Door] menu and make two doors
7. Confirm if each door is configured for Door Sensor

**Configuration**

- Entry Device: BioEntry R2 865638128
- Door Relay(s): Relay 1 of CoreStation 40 542070079 (192.168.14.233) Device
- Exit Button: Input Port 2 of CoreStation 40 542070079 (192.168.14.233) De...
- Door Sensor: Input Port 3 of CoreStation 40 542070079 (192.168.14.233) De...
- Exit Device: None
- Switch: Normally Open
- Switch: Normally Closed

**Option**

Open

- Open Time: 3 sec
- Lock when door is closed: ON

8. Click [Zone]

9. Add Interlock Zone

10. Configure the door of Interlock Zone

You can select up to 4 doors.

**Add New Interlock Zone**

**Information**

- Name: 14F Interlock Zone
- Type: Interlock

**Configuration**

- Mode: Local
- Door: P2 Door + 1
- Active/Inactive: Active

**Option**

- P2 Door
- P2 Door

\* Door sensor must be set to use.

11. If you would like to make an alert sound or output signal, set an alarm of Interlock zone

Add Alarm

Event

☒ Interlock door open denied alarm

☐ Interlock door open denied alarm (Occupied)

Action

☐ Output

☒ Alert Sound

• Device

BioEntry P2 541150088

• Buzzer Volume

Low

Apply

Cancel

12. To confirm the configuration of Interlock setting, go to Monitoring
13. Open one of the doors and keep the opened status, and then try to authentication to same door
14. Confirm the [Interlock door open denied alarm] as follows

Real-time Log

Save Filter

Pause

Date	Door	Elevator	Device ID	Device	User	Zone	Event
2018/03/18 20:42:15	P2 Door					14F Interlo...	Interlock door open denied
2018/03/18 20:42:15						14F Interlo...	Interlock door open denied alarm
2018/03/18 20:42:15							Access denied (Interlock)
2018/03/18 20:42:11	P2 Door						Held door opened
2018/03/18 20:42:08	P2 Door						Door opened
2018/03/18 20:42:06	P2 Door						Door unlocked
2018/03/18 20:42:06							1:N authentication succeeded (Fingerprint)

Interlock door open denied alarm

• Device

CoreStation 40 542070079  
(192.168.14.233)

• Alarm

Interlock door open denied alarm

• Date

2018/03/18 20:42:15

Comment

Acknowledge

Ignore

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