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Improved the Scheduled Unlock Zone Function to Support Elevator

I'd like to introduce a feature which can manage Elevator control, not only Floor Level and Access Group but also allowing user to access a specific floor by confirmed schedule. With this function, you can manage a Scheduled Unlock Zone of Elevator just like a Scheduled Unlock Zone of Door.

The existing Scheduled Unlock Zone operates based on the Door, but we improved the feature to working on the Elevator. However, it does not work on the entire elevator, it operates on specific Floors.

- To use this feature, you need to match both BioStar 2 server version and device firmware version.
- **BioStar 2 Version : V2.8.3 or later**
- Some firmware versions are not released yet. **Star mark versions(*)** will be released in 2020 3Q. (July 29, 2020)

Product Name	Version	Product Name	Version	Product Name	Version
FaceLite	V1.2.0(*)	BioStation A2	V1.8.0(*)	CoreStation	V1.4.0
BioStation 2	V1.9.0(*)	BioEntry P2	V1.4.0	XPass 2	V1.2.0
FaceStation 2	V1.4.0(*)	BioEntry W2	V1.5.0(*)	BioStation L2	V1.6.0(*)

New devices support this feature:

- FaceStation F2 FW 1.0.0 or above with BioStar V2.8.6 or above
- X-Station 2 FW 1.0.0 or above with BioStar V2.8.11 or above

1. To Configure Scheduled Unlock Zone of Elevator

- The default configuration of Scheduled Unlock Zone is '**Door**'. If you want to configure Elevator Scheduled Unlock Zone, you need to toggle '**Door/Elevator**' button.
- After changing the button to '**Elevator**', Elevator and Floor menu will come up.

Add Scheduled Unlock Zone

Information

• Name

Configuration

• Active/Inactive ☒ Active

• Door/Elevator ☐ Door **Toggle** ☒ Elevator

2. Choose Elevator and Floor

- Floor combo box will come up when you choose an Elevator.
- You can choose **one Elevator and multiple Floors**.
- You can choose the Elevator which already configured in another Scheduled Unlock Zone.

Configuration

• Active/Inactive ☒ Active

• Door/Elevator ☒ Elevator

• Elevator

• Started by User Authentication ☐ Inactive

• Schedule

• Floor

Test Elevator 1 - 4

☒ Test Elevator 1 - 1

☐ Test Elevator 1 - 5

☒ Test Elevator 1 - 2

☐ Test Elevator 1 - 3

- You can configure '**Started by User Authentication**' feature as well.

Add Scheduled Unlock Zone

Information

• Name • Type

Configuration

• Active/Inactive ☒ Active

• Door/Elevator ☒ Elevator

• Elevator

• Started by User Authentication ☒ Active

• Schedule

• Floor

Scheduled Unlock Authentication

• Access Group

Apply **Cancel**

3. Checking Elevator's Scheduled Unlock Zone Status

- When the schedule is started, then the Scheduled Unlock Zone of Elevator will be changed to '**Scheduled Unlock**' in Status column.

Scheduled Unlock

1 / 1 50 rows Go

	Name	Door / Elevator	Schedule	Active/Inactive	Status
<input type="checkbox"/>	Test Scheduled Unlock Zone	Test Elevator 1	test	Active	Scheduled Unlock

4:51:31 PM
Tuesday, July 28, 2020

- You can check each Floor status at '**BioStar 2 > Monitoring > Floor Status**' menu.

Floor Status

Save Filter 1 / 1 50 rows

	ELEVATOR	Floor Name	Floor Status Type	Floor Relay	Alarm	Last Event
<input type="checkbox"/>	Test Elevator 1	Test Elevator 1 - 1	Schedule Unlock	Unlock		
<input type="checkbox"/>	Test Elevator 1	Test Elevator 1 - 2	Schedule Unlock	Unlock		
<input type="checkbox"/>	Test Elevator 1	Test Elevator 1 - 3	Normal	Locked		
<input type="checkbox"/>	Test Elevator 1	Test Elevator 1 - 4	Normal	Locked		
<input type="checkbox"/>	Test Elevator 1	Test Elevator 1 - 5	Normal	Locked		

- You can check the Elevator Scheduled Unlock Zone at '**BioStar 2 > Monitoring > Zone Status**' menu.

Zone Status

Save Filter 1 / 1 50 rows

	Type	Zone Name	Active/Inactive	Status	Alarm	Last Event	View
<input type="checkbox"/>	Scheduled Unlock	Test Scheduled Unlock Zone	Active	Scheduled Unlock			

- You can find Scheduled Unlock Zone history in '**BioStar 2 > Monitoring > Event Log**' as follows.

Event Log							50 rows
Save Filter Period 1 Day(s) (2020/07/28 00:00 ~ 2020/07/28 23:59)							...
Date	Door	Device ID	Device	User Group	User	Event	View
2020/07/28 16:55:00		547834046	Xpass2 Keypad 547834046 (192...			Floor Released	
2020/07/28 16:55:00		547834046	Xpass2 Keypad 547834046 (192...			Floor Released	
2020/07/28 16:55:00		547834046	Xpass2 Keypad 547834046 (192...			Elevator release request by schedule	
2020/07/28 16:55:00		547834046	Xpass2 Keypad 547834046 (192...			Elevator release request by schedule	
2020/07/28 16:55:00		547834046	Xpass2 Keypad 547834046 (192...			Scheduled unlock zone ended	
2020/07/28 16:51:28		547834046	Xpass2 Keypad 547834046 (192...			Floor Activated	
2020/07/28 16:51:28		547834046	Xpass2 Keypad 547834046 (192...			Floor Activated	
2020/07/28 16:51:28		547834046	Xpass2 Keypad 547834046 (192...			Elevator unlock request by schedule	
2020/07/28 16:51:28		547834046	Xpass2 Keypad 547834046 (192...			Elevator unlock request by schedule	
2020/07/28 16:51:28		547834046	Xpass2 Keypad 547834046 (192...			Scheduled unlock zone started	

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