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# How to Use the New Feature "Timed Anti Passback"

#### Affected Version: BioStar v2.9.5 or above

From v.2.9.5 of BioStar 2, the function "Timed Anti Passback (Timed APB)" has been introduced newly. With this new function, the user can set the reset time for anti-passback about the specific door to limit frequent access attempts to that door. With this feature, once the user authenticates on the entry device, the user cannot re-authenticate on the same entry device or the exit device connected with the entry device until the defined "Reset time" has been gone.

To use this new feature, there is no need to use the paid-for versions of the BioStar 2 license since this option can be set directly in the configured door in DOOR, not the Anti-passback Zone of ZONE in BioStar 2.

### **Expectation effectiveness**

This function can be expected to prevent unauthorized people from using the authorized person's authentication method to go through the door without permission. To understand it deeply, please refer to the below example case.

#### Example Case) A case for using the new function "Timed Anti Passback."

Let's say there is two people, person A and Person B, Person A has brought one's card for authentication but Person B has forgotten the card, so Person A enters the door using Person A's card and throughs (passes) the card to person B, when this new feature "Times Anti Passback" was not applied, Person B still could access the door. However, now, due to the specific time set feature "Reset Time," the unauthorized person can no longer enter the door using the same Person A's card until the card used passes the defined "Reset Time".

### **Major Features**

1. Under BioStar 2 v2.9.7 or lower version, this new function can be applied to the door that consists of either "the Entry device only" or "the Entry device + the Exit device".

Timed Ant	i PassBack							
	Timed AP8	Use		Reset Time	10	min.		
Alarm								
	- Held Open		Action					
	- Held Open Time							
	Forced Open		Action					
	Anti PassBack		Action					
							A	pply

However, from BioStar 2 v2.9.8 or higher version, this new function can be applied to the device itself, such as "the Entry device" "the exit device" or "the Entry device + the Exit device", NOT the door.

Timed Anti PassBack				
Timed APB	No device	*	Reset Time	min.
	No device			
Bypass Group	Entry device only			
	Exit device only			
	Both devices			
Alarm				

#### 2. The "Timed Anti Passback" event code is supported in Event Log of Monitoring in BioStar 2.

≡ Event Log							
Y Save Filter • F	Aeriod ( 1 Day(s)	(2024/03/26 00:00 ~ 2024/03/26 2)	:59) 💌 🕨				 
Date							
2024/03/26 15:46:36	Test	547839816	BioLite N2 547	7839816 (192.168.4			Door locked
2024/03/26 15:46:33	Test	547839816	BioLite N2 547	7839816 (192.168.4			Door unlocked
2024/03/26 15:46:33		547839816	BioLite N2 547	7839816 (192.168.4	All Users	2(Jake)	1:1 authentication succeeded (Card)
2024/03/26 15:44:37	Test	547839816	BioLite N2 547	7839816 (192.168.4			Timed anti-passback violation detected
2024/03/26 15:44:37		547839816	BioLite N2 547	7839816 (192.168.4	All Users	2(Jake)	 Access denied (Timed anti-passback)
2024/03/26 15:44:25	Test	547839816	BioLite N2 547	7839816 (192.168.4			Timed anti-passback violation detected
2024/03/26 15:44:25		547839816	BioLite N2 547	7839816 (192.168.4	All Users	2(Jake)	Access denied (Timed anti-passback)
2024/03/26 15:44:21	Test	547839816	BioLite N2 547	7839816 (192.168.4			Door locked
2024/03/26 15:44:18	Test	547839816	BioLite N2 547	7839816 (192.168.4			Door unlocked

3. Under BioStar 2 v2.9.7 or lower version, unlike the Anti-passback inside of the "Zone" menu, "Timed Anti Passback" DOES NOT support the "Bypass Group" function.

APR Rynass		
<ul> <li>Bypass Group</li> </ul>	Test	Ψ

However, from BioStar 2 v2.9.8 or higher version, "Timed Anti PassBack" function also supports the "Bypass Group" function.

Timed Anti	PassBack				
	Timed APB	Entry device only	Ψ	Reset Time	10 min.
	Bypass Group	test			
			Q		
Alarm		✓ test		J	

4. The input unit is in minutes (min.), with a default setting of 10 minutes. Users can input a time between 0 and 60 minutes.

### **Precautions**

1. You cannot use this new function at the same time as the existing "Anti-passback" function. So, you must be careful about the 2 exceptional cases below when using the "Timed Antipass Back" function.

#### • Case 1. A case where you already use "anti-passback" in ZONE

If you try to set the "Timed Anti Passback" after configuring the Anti-passback zone, you will see the error popup below. On the contrary, when you try configuring the Anti-passback zone after already setting the "Timed Anti Passback," you will also see the error popup below.

Timed Anti PassBack		
- Timed APB Use	Error ×	10 min.
Alerm	The device already has an anti-passback setting. Select another device. (131116)	
	_	
Held Open	Ok	

#### • Case 2. In case you want to set "anti-passback" in DOOR

If Soft APB or Hard APB in Anti PassBack, the option "Timed APB" will be automatically deactivated. Timed Anti Passback CAN NOT BE USED WITH Anti PassBack Soft APB or Hard APB.

Anti PassBack				
• Туре	Hard APB	*	Reset Time	1440 min.
Timed Anti PassBack	Soft APB Hard APB			
Timed APB	Not Use		Reset Time	10 min.

#### 2. Supports the Alarm Function

#### • If using BioStar 2 v2.9.7 or lower version:

The alarm function Does Not support "Timed Anti Passback" yet but only supports "Anti PassBack" in the configured door.

Anti PassB	ack		
	• Туре	None	Ŧ
Timed Anti	PassBack		
	Timed APB	Use Use	
Alarm			

#### • If using BioStar 2 v2.9.8 or higher version:

The alarm function supports both "Timed Anti Passback" and "Anti PassBack" for the configured door.

Alarm		
	Anti PassBack	
		Action
	<ul> <li>Timed Anti PassBack</li> </ul>	Action

3. If the door is set up with a wireless door lock, "Timed Anti Passback" CAN NOT be used.

4. "Timed Anti PassBack" and "Use sensor when Entry Confirmed APB" enabled features cannot be used simultaneously.

comgaration				
Entry Device	BioLite N2 547839816 (192.168.40.42)	Ψ	Exit Device	BioEntry W2 544108038
- Door Relay(+)	Relay 0 of BioLite N2 547839816 (192.168.40.42) Device	Ŧ		
- Exit Button	Input Port 0 of BioEntry W2 544108038 Device	Ŧ	Switch	Normally Open
			Does not activate	relay OFF
- Door Sensor	Input Port 1 of BioEntry W2 544108038 Device	Ŧ	Switch	When Timed APB is Use, this option cannot be enabled.
			Use sensor when En Confirmed APB enables	try OFF 1

### **Execution Procedure**

Step 1. Click DOOR in BioStar 2



#### Step 2. Click ADD DOOR



#### Step 3. Set the configuration you want to use

fine .					
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and an					
				(a. ).	
- Discheiter	Incest 17000		- California	Index 42 (07) (02)	
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#### Step 4.

#### • If using BioStar 2 v2.9.7 or lower version

: Enable "Timed APB" and set the applicable "Reset Time" in Timed Anti PassBack. After completing it, click Apply.

Timed Arti Pasallack				
- Timed APB	Dritty device only	Besei Time	30	
	No device			
- Bypass Broup	Entry device unity			
	Exit device only			
	muth devices			
Alarm				

After completing it, if you want set "Bypass Group", select some specific access groups in "Bypass Group"

Timed An	ti PassBack		
	Timed APB	Entry device only	Ψ.
	Bypess Group	test	<u>^</u>
Alarm		eat test	~

And then, if you want to set the Alarm for "Timed Anti PassBack", configure the alarm by clicking the Add button. If completing all settings, click Apply.



Step 5. After completing Step 4, you can go through the set door (if using BioStar 2 v2.9.7 or lower version) or the set device (if using BioStar 2 v2.9.8 or higher version) only after the set-"Reset Time" has passed.

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For example, if you set the "Reset Time" to 1 minute, you can go through the set door 1 minute only after you have passed.

<text><text><list-item>

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Last update: 2024/12/18 12:58