

Suprema Webinar

BioStar 2 New Features v2.8.1 to v2.8.3

With Beta v2.8.2.90 Suprema Thermal Camera

Speaker

Laney Lee

Technical Support Engineer | Suprema

Date : August 11, 2020

Time : 8:15 AM (GMT+9) Seoul, Korea

Date : August 12, 2020

Time : 4:00 PM (GMT+9) Seoul, Korea

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7. Q&A

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Introduction

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❖ How can you find Webinar Contents?

1) Email

- ✓ After this webinar, Suprema Team will provide the presentation and the recorded video file to the registered emails. It will take 3 days or 4 days after reviewing the files with including Q&A list.

2) Website (Suprema Technical Support Site)

- ✓ After this webinar, you can also find the information with including Q&A list to the below site.
Search **Suprema Webinar** in the site. Or, simply google it.
- ✓ <https://support.supremainc.com>



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[Suprema Webinar : Technical Support](#)

3) SNS Channel & YouTube

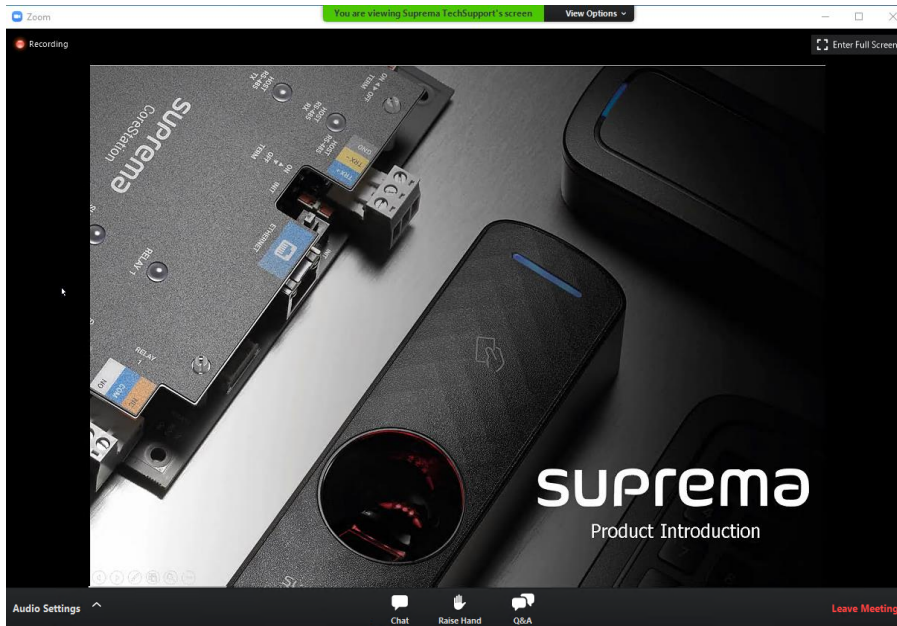
- ✓ Plus, we will post the recorded video to YouTube, Facebook, and LinkedIn.
(Simply search it on each site)

The screenshot shows the Suprema Technical Support website. At the top, there's a navigation bar with links: Home, Solutions, Forums, Tickets. Below this is a search bar with the text "How can we help you today?" and a "SEARCH" button. The search results show a link to "Suprema Webinar_01 : All about CoreStation". The page content includes the title "[CoreStation] All about CoreStation", the creator "Created by: Kate Yu", and the modification date "Modified on: Sun, Apr 19, 2020 at 9:25 PM". The main text describes CoreStation as Suprema's Intelligent Biometric Controller, highlighting its 4-door access control, compatibility with various credentials, and ease of setup. It also mentions that the recorded video file is available for download.

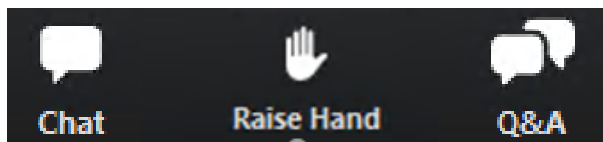
Introduction

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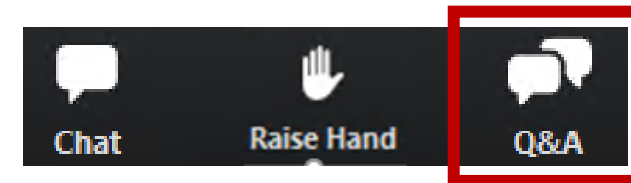
❖ How can you ask questions during a webinar?



Please mouse to the bottom of your screen, the 3 icons will appear.



1) [Q&A] Box for leaving your question

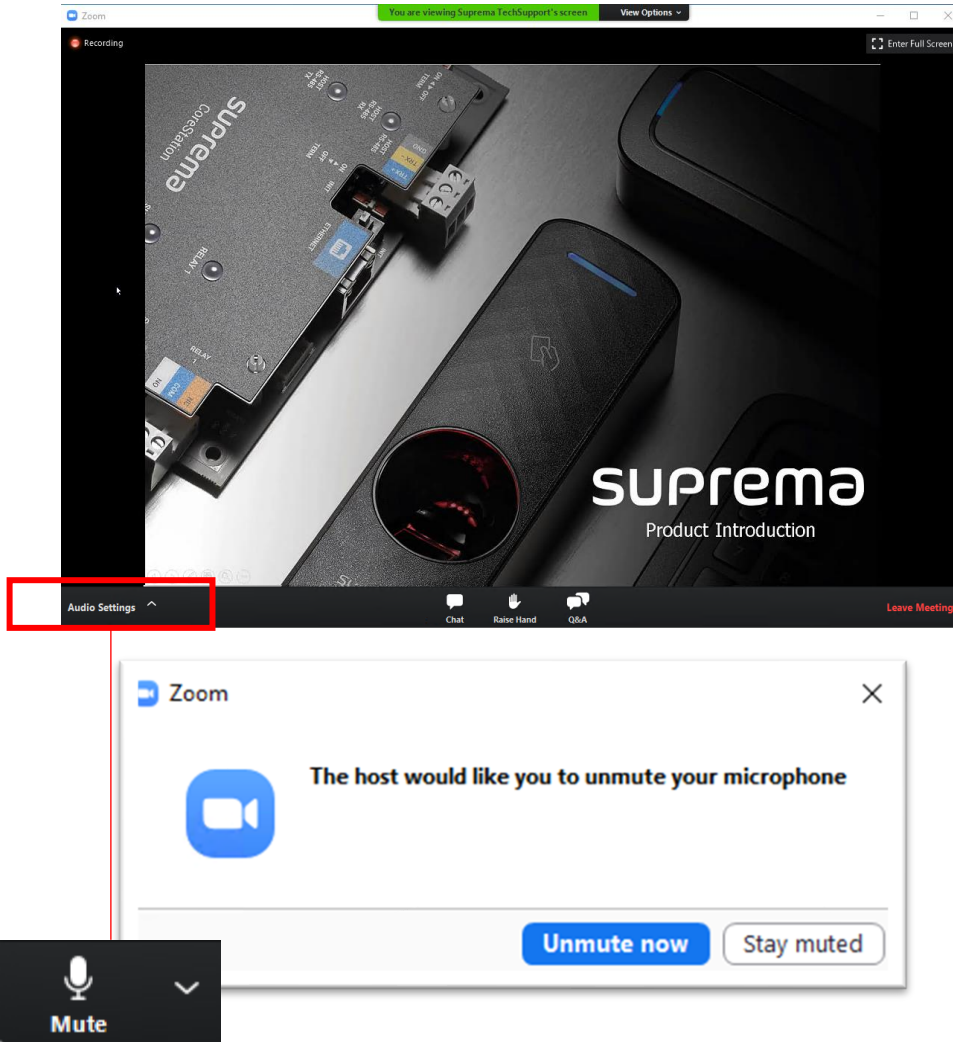


- ✓ During the webinar, you can leave your questions on the **Q&A box anytime.** Suprema agents will answer in real time.

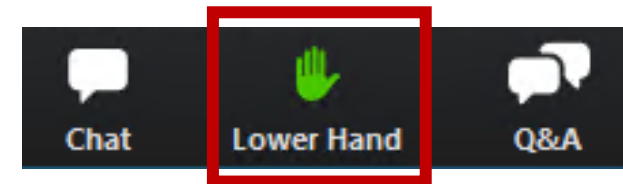
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❖ How can you ask questions during a webinar?



2) [Raise Hand] for Question Session



Please click on [Raise Hand] on the menu bar if you have any questions. The color will turn to Green.

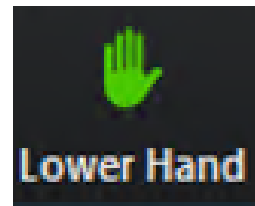
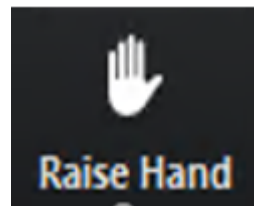
Host will unmute your microphone and you will be able to unmute your microphone at the time.

But you can also click [Raise Hand] during webinar anytime if you have questions.

❖ How can you ask questions during a webinar?

Notification: Question Session

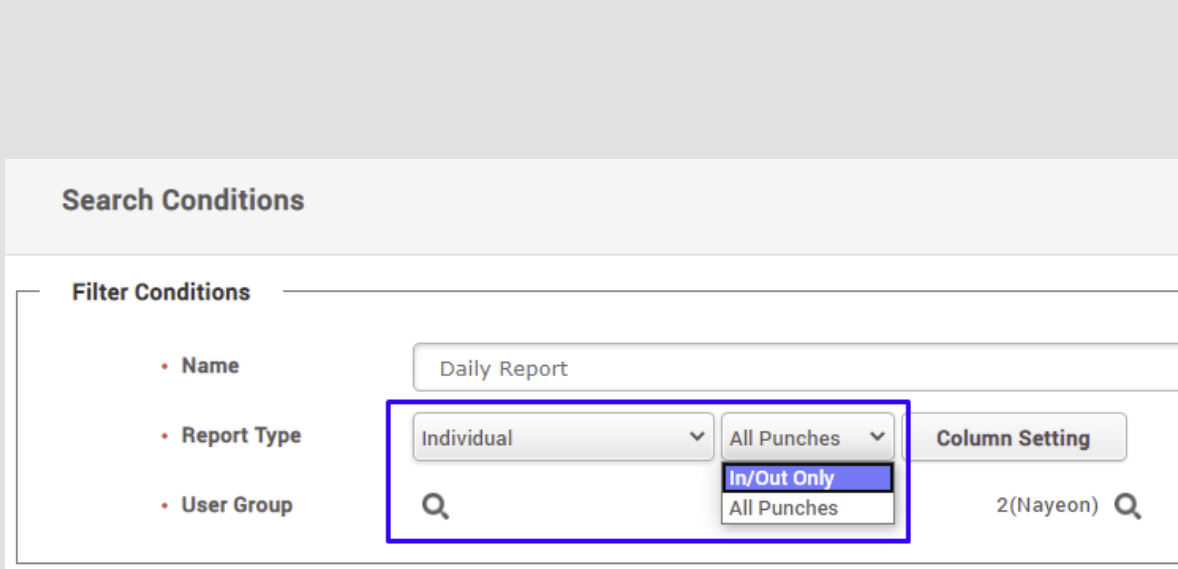
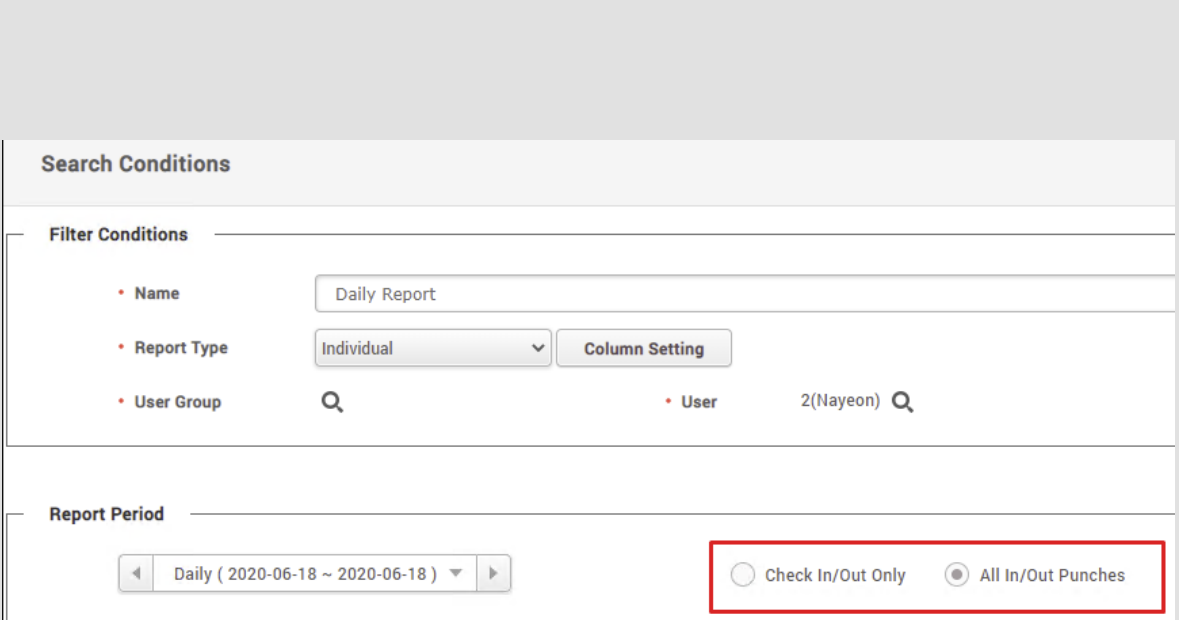
- ✓ During the presentation, we will have Q&A session to make the interactive webinar.
- ✓ You can leave your questions on the **Q&A box**.
- ✓ Or you can raise your hand from the menu bar, and you will be able to **unmute your microphone** once the host confirms your sign from the Attendee's list.
- ✓ ***When you speak through a microphone**, please **tell us your name** and then **the question**. We will answer one by one, so please kindly wait for your turn.*



BioStar 2.8.1

Moved the 'In/Out Punches' and 'All Punches' option in the Individual Report

- BioStar 2 Time Attendance Individual Report's detail configuration moved to Report Type line.

BioStar v2.8.1 or Higher Version	BioStar v2.7.10 ~ v2.8.0
	

<https://support.supremainc.com/en/support/solutions/articles/24000056800--biostar-2-moved-the-options-of-individual-report-for-showing-in-out-only-or-all-punches>

BioStar 2.8.2

Fixed local file inclusion (LFI) vulnerability

- The vulnerability that could allow an attacker to gain local access via a web browser.

<https://support.supremainc.com/en/support/solutions/articles/24000057902--biostar-2-biostar-2-8-2-new-features-and-configuration-guide>

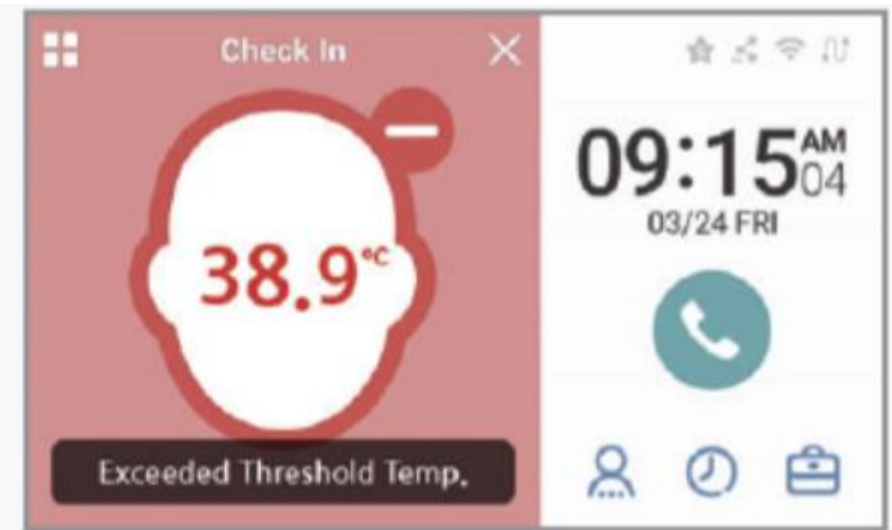
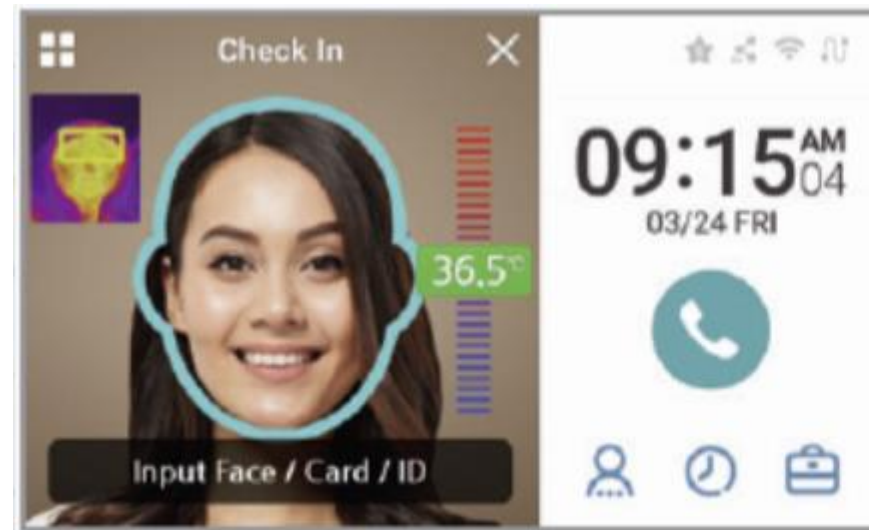
BioStar 2.8.2.90X

New Features in BioStar **v2.8.2.90X** – Thermal Camera Beta

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How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

- **CANNOT UPGRADE** BioStar **from v2.8.2 to v2.8.2.90X(beta)**.
- Product Name : TCM10-FS2



<https://support.supremainc.com/en/support/solutions/articles/24000058022--biostar-2-how-to-use-suprema-thermal-camera-facestation-2-with-temperature-detection>

New Features in BioStar v2.8.2.90X – Thermal Camera Beta

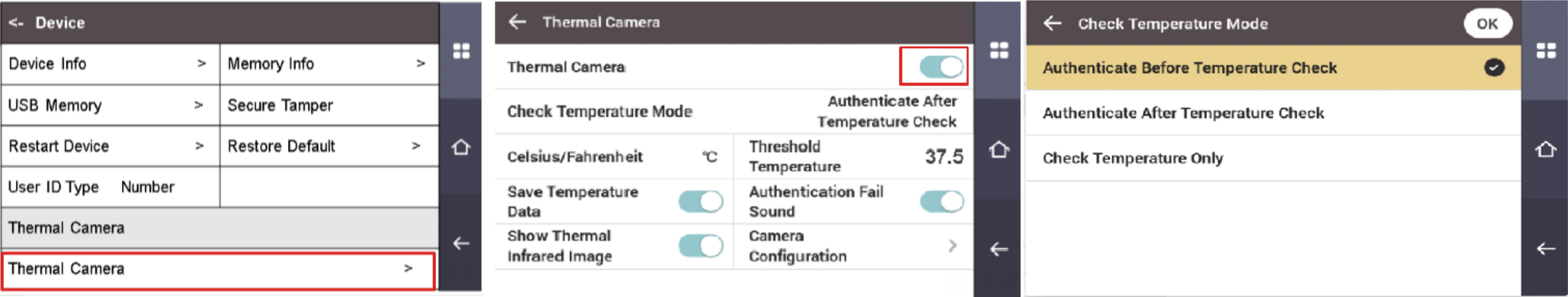
How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

1. Check Temperature ONLY without user authentication

- 1) Access Granted when temperature is under threshold
- 2) Access Denied when temperature is above threshold

2. Temperature Check + Face, Card, or ID Mode Authentication

- 1) Access Granted when temperature is under threshold and it is an authorized user
- 2) Access Denied when temperature is above threshold
- 3) Access Denied when a user authentication fails although temperature is under threshold



<https://support.supremainc.com/en/support/solutions/articles/24000058022--biostar-2-how-to-use-suprema-thermal-camera-facestation-2-with-temperature-detection>

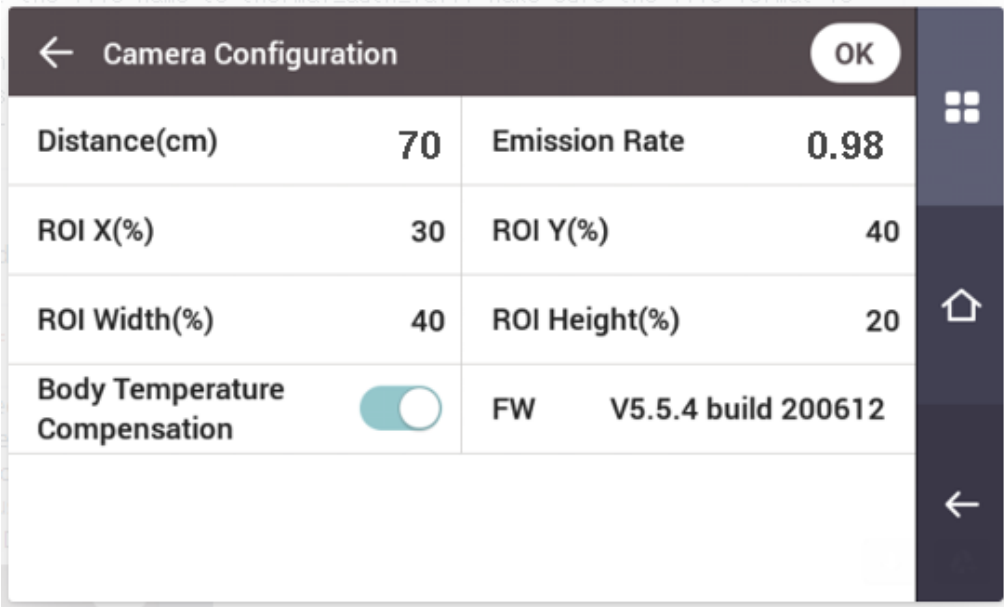
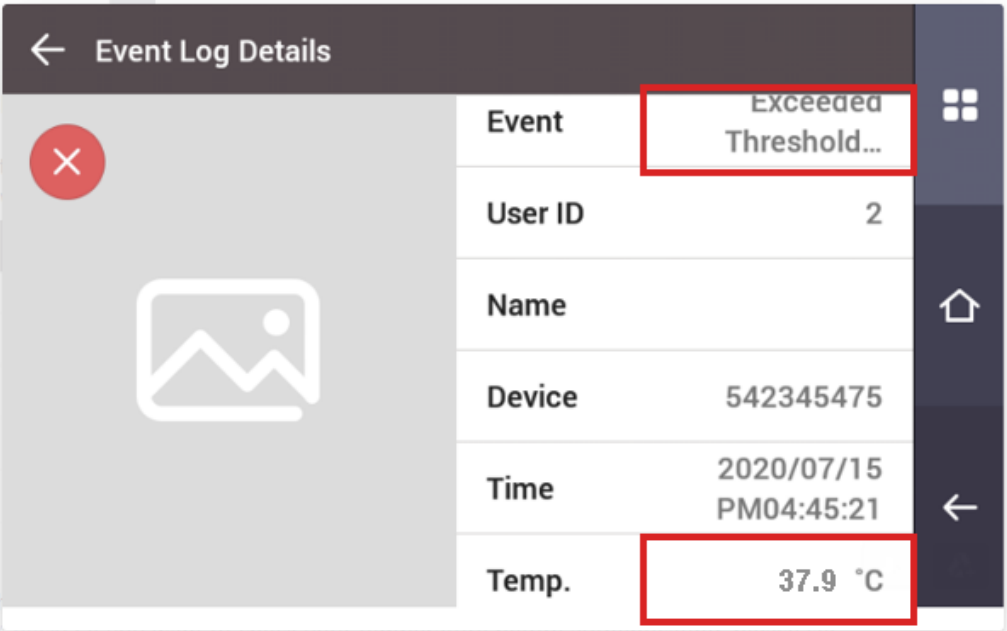
New Features in BioStar v2.8.2.90X – Thermal Camera Beta

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How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

3. Face, Card, or ID Authentication Mode Operation + Temperature Check

- 1) Access Granted when there is an authorized user and temperature is under threshold
- 2) Access Denied when user authentication fails
- 3) Access Denied when temperature is above threshold although user authentication is successful



<https://support.supremainc.com/en/support/solutions/articles/24000058022--biostar-2-how-to-use-suprema-thermal-camera-facestation-2-with-temperature-detection>

New Features in BioStar v2.8.2.90X – Thermal Camera Beta

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How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

4. BioStar 2 > Device > FaceStation 2 device > Advanced

Thermal Camera

☒ Thermal Camera Use

Celsius/Fahrenheit

Celsius

Save Temp. Data

Enabled

Show Infrared Image

Enabled

Camera Configuration

Distance(cm)

70

Emission Rate

98

ROI X(%)

30

ROI Y(%)

40

ROI Width(%)

40

ROI Height(%)

20

Threshold Temp. (°C)

37.5

Auth Fail Sound

Enabled

Check Temp. Mode


Authenticate After Temperature Check

Authenticate Before Temperature Check

Authenticate After Temperature Check

Check Temperature Only

<https://support.supremainc.com/en/support/solutions/articles/24000058152--biostar-2-how-to-use-biostar-2-8-2-90-beta-with-tcm10-fs2>

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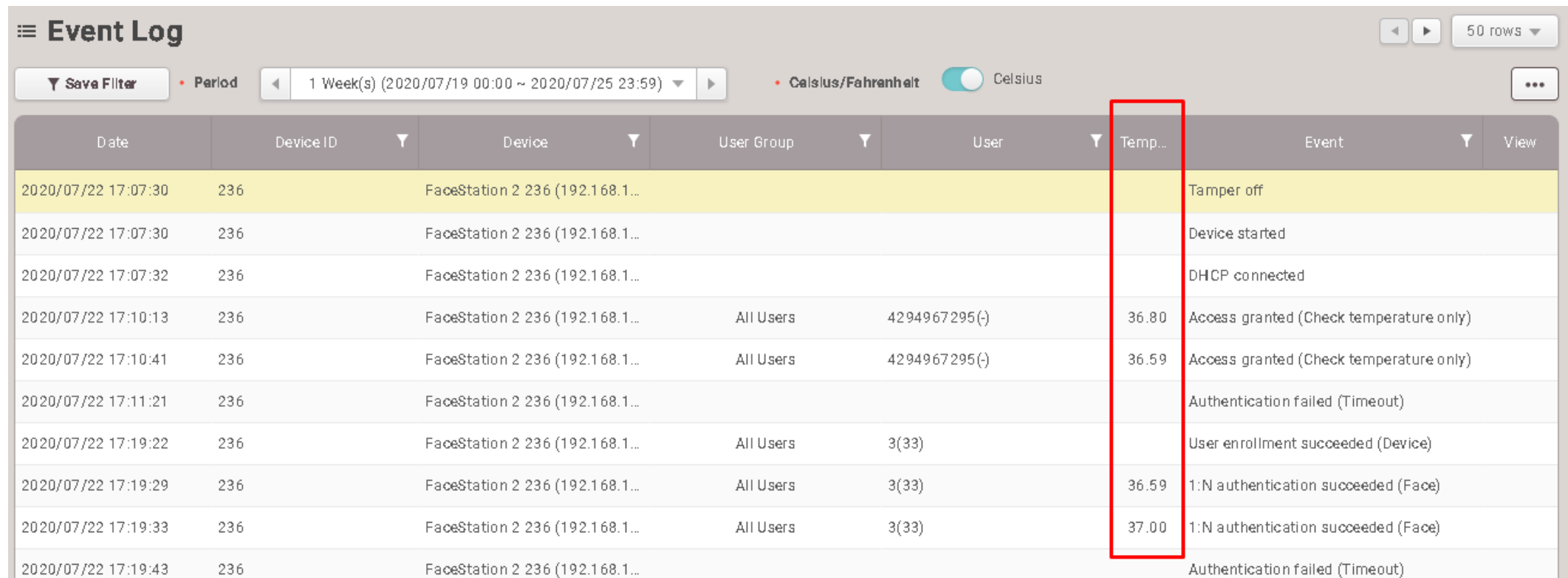
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New Features in BioStar v2.8.2.90X – Thermal Camera Beta

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How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

5. BioStar 2 > Monitoring > Event Log



The screenshot shows the 'Event Log' interface in BioStar. At the top, there are controls for 'Save Filter', 'Period' (set to 1 Week(s) from 2020/07/19 00:00 to 2020/07/25 23:59), and temperature units (Celsius/Fahrenheit, currently set to Celsius). A table of events is displayed below. A red box highlights the 'Temp...' column, which shows temperature readings for specific events. The events include 'Tamper off', 'Device started', 'DHCP connected', 'Access granted (Check temperature only)', 'Authentication failed (Timeout)', 'User enrollment succeeded (Device)', and '1:N authentication succeeded (Face)'.

Date	Device ID	Device	User Group	User	Temp...	Event	View
2020/07/22 17:07:30	236	FaceStation 2 236 (192.168.1...				Tamper off	
2020/07/22 17:07:30	236	FaceStation 2 236 (192.168.1...				Device started	
2020/07/22 17:07:32	236	FaceStation 2 236 (192.168.1...				DHCP connected	
2020/07/22 17:10:13	236	FaceStation 2 236 (192.168.1...	All Users	4294967295(-)	36.80	Access granted (Check temperature only)	
2020/07/22 17:10:41	236	FaceStation 2 236 (192.168.1...	All Users	4294967295(-)	36.59	Access granted (Check temperature only)	
2020/07/22 17:11:21	236	FaceStation 2 236 (192.168.1...				Authentication failed (Timeout)	
2020/07/22 17:19:22	236	FaceStation 2 236 (192.168.1...	All Users	3(33)		User enrollment succeeded (Device)	
2020/07/22 17:19:29	236	FaceStation 2 236 (192.168.1...	All Users	3(33)	36.59	1:N authentication succeeded (Face)	
2020/07/22 17:19:33	236	FaceStation 2 236 (192.168.1...	All Users	3(33)	37.00	1:N authentication succeeded (Face)	
2020/07/22 17:19:43	236	FaceStation 2 236 (192.168.1...				Authentication failed (Timeout)	

<https://support.supremainc.com/en/support/solutions/articles/24000058152--biostar-2-how-to-use-biostar-2-8-2-90-beta-with-tcm10-fs2>

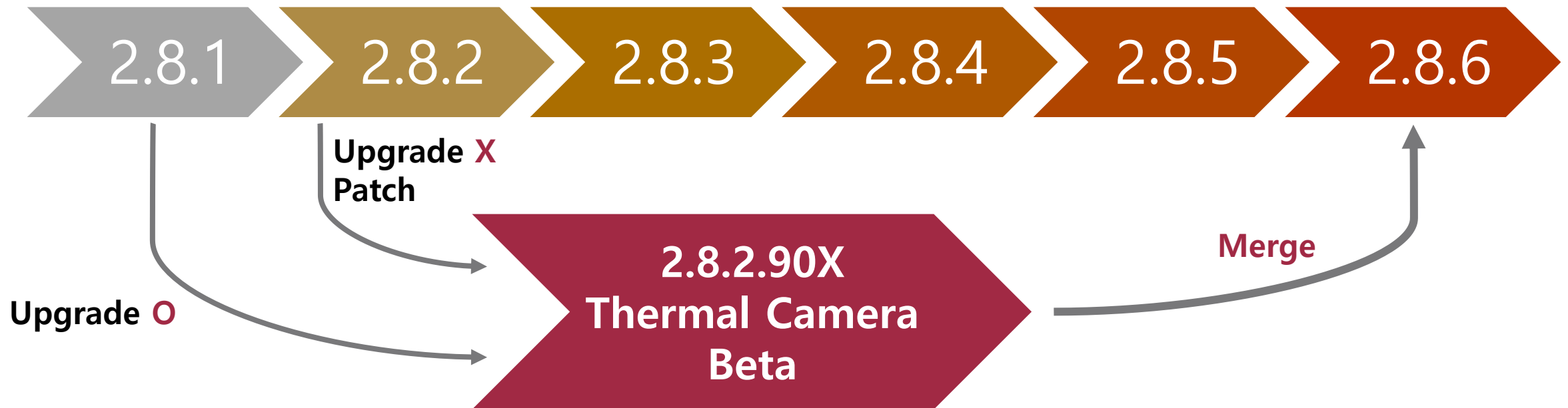
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How to Use Suprema Thermal Camera – FaceStation 2 with Temperature Detection

➤ Beta version will be included in our future BioStar 2 standard release.

➤ **Target version : V2.8.6**



<https://support.supremainc.com/en/support/solutions/articles/24000058152--biostar-2-how-to-use-biostar-2-8-2-90-beta-with-tcm10-fs2>

<https://support.supremainc.com/en/support/solutions/articles/24000058104--biostar-2-how-to-replace-the-exist-files-of-biostar-2-8-2-for-using-facestation-2-thermal-camera>

BioStar 2.8.3

New Features in BioStar v2.8.3

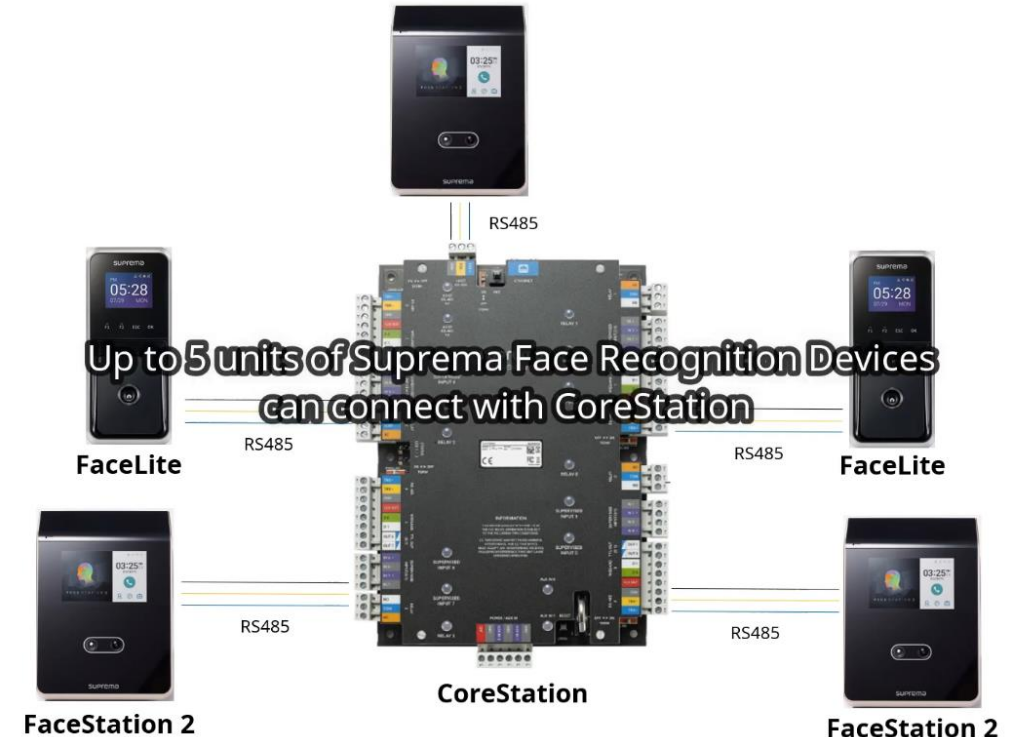
1. Introduction | 2. BioStar 2.8.1 | 3. BioStar 2.8.2 | 4. BioStar 2.8.2.90X | 5. BioStar 2.8.3 | 6. Bug Fixes | 7. Q&A

Supports FaceStation 2 and FaceLite as a slave of CoreStation

- Both device's firmware and BioStar 2 versions need checking before use.

Product	BioStar 2	CoreStation
Version	v2.8.3 or later	v1.4.0 or later

- Support **SINGLE** face device (FaceStation 2 or FaceLite) per each CoreStation RS-485 port.



Supports FaceStation 2 and FaceLite as a slave of CoreStation

- When face device is connected to one of CoreStation RS-485 ports, you can add **ONE** SIO2 and DM-20.
- **NOT** support **Face Group Matching**. (*Supported only if FaceStation 2 is configured as RS-485 Master.*)
- **NOT** support **Server Matching** for face templates. (*Face templates will be matched by CoreStation firmware operation.*)

<https://support.supremainc.com/en/support/solutions/articles/24000056987--corestation-how-to-use-face-recognition-terminal-facestation-2-facelite-with-corestation>

New Features in BioStar v2.8.3

1. Introduction | 2. BioStar 2.8.1 | 3. BioStar 2.8.2 | 4. BioStar 2.8.2.90 | 5. BioStar 2.8.3 | 6. Bug Fixes | 7. Q&A

Supports Mobile Access on BioLite N2

- Both device's firmware and BioStar 2 versions need checking before use.

	Android OS	iOS
Support Firmware	v1.3.0 or later	
Support BioStar 2	v2.8.3 or later	
Support Communication	BLE & NFC	BLE only

<https://support.supremainc.com/en/support/solutions/articles/24000058364>

New Features in BioStar v2.8.3

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Supports operation option on Anti-Passback zone to operate based on the door status

- 'Use sensor when Entry Confirmed APB enabled' feature supported in 'BioStar 2 > Door > Add Door'.
- Button shows when you use 'Door Sensor' in Door configuration.
- Can configure even though you do not use APB in the site.
- **Default setting : OFF**

Test Door 1/1

Information

- Name: Test Door
- Group: All Doors
- Description:

Configuration

- Entry Device: BioStation 2 547232457 (192.168.16.238)
- Door Relay(*): Relay 0 of BioStation 2 547232457 (192.168.16.238) Device
- Exit Button: Input Port 0 of BioStation 2 547232457 (192.168.16.238) Device
- Door Sensor: Input Port 1 of BioStation 2 547232457 (192.168.16.238) Device

• Switch: Normally Open

• Switch: Normally Open

• Use sensor when Entry Confirmed APB enabled: OFF

• Use sensor when Entry Confirmed APB enabled: ON

<https://support.supremainc.com/en/support/solutions/articles/24000058418>

New Features in BioStar v2.8.3

1. Introduction | 2. BioStar 2.8.1 | 3. BioStar 2.8.2 | 4. BioStar 2.8.2.90X | 5. BioStar 2.8.3 | 6. Bug Fixes | 7. Q&A

Supports operation option on Anti-Passback zone to operate based on the door status

- In Local APB mode, you can configure 'Entry Confirmed APB' feature.

← Add New Anti-passback Zone

Information

Name

Test Anti-Passback Zone

Configuration

Mode

Local

Anti-passback Type

Soft APB

Entry Confirmed APB

Follows door configuration

OFF

ON

Follows door configuration

Entry Devices

Alarm

Action

APB Bypass

Bypass Group

Not Use

1) OFF

- 'Use sensor when Entry Confirmed APB enabled' in Door setting will be fixed to 'OFF'.

- **NOT** consider the door sensor operation for APB Zone.

2) ON

- 'Use sensor when Entry Confirmed APB enabled' in Door setting will be fixed to 'ON'.

- **WILL** consider the door sensor operation for APB Zone.

3) Follows door configuration

- Can **manually change** 'Use sensor when Entry Confirmed APB enabled' in Door setting.

- The door sensor operation for APB Zone will be considered **according to the Door setting**.

<https://support.supremainc.com/en/support/solutions/articles/24000058418>

New Features in BioStar v2.8.3

1. Introduction | 2. BioStar 2.8.1 | 3. BioStar 2.8.2 | 4. BioStar 2.8.2.90X | 5. BioStar 2.8.3 | 6. Bug Fixes | 7. Q&A

Supports operation option on Anti-Passback zone to operate based on the door status

- In Global APB Zone, you can configure 'Network Failure Action'.

Add New Anti-passback Zone

Information

- Name: Test Anti-Passback Zone
- Type: Anti-passback

Configuration

- Mode: ☒ Global
- Anti-passback Type: ☒ Soft APB
- Entry Confirmed APB: Follows door configuration
- Entry Devices: BioStation 2 547232457 (192.168.16.238)
- Exit Devices: Xpass2 Keypad 547834046 (192.168.16.205)
- Active/Inactive: ☒ Active
- Reset Time: 1440 min.

Network Failure Action

- Open by auth
- Open by auth
- Open by auth & record APB log
- Door locked & record APB log

Alarm

- Action: [Empty field] + Add

APB Bypass

- Bypass Group: Not Use

<https://support.supremainc.com/en/support/solutions/articles/24000058418>

Supports operation option on Anti-Passback zone to operate based on the door status

- After authentication, the status will be updated **only** when the operation of opening the door occurs **within the door open time**.
- **If authentication occurs while door is already open** due to the previous authentication, **the APB status should be updated** by treating it as a valid operation.
(Including **Forced Open** and **Held Open** status.)
- The status of all users is updated for cases where the door opens after another user authenticates within the door open time after the previous authenticator succeeds in authentication.
(Including cases where **authentication occurs separately in the entry and exit devices**.)

<https://support.supremainc.com/en/support/solutions/articles/24000058418>

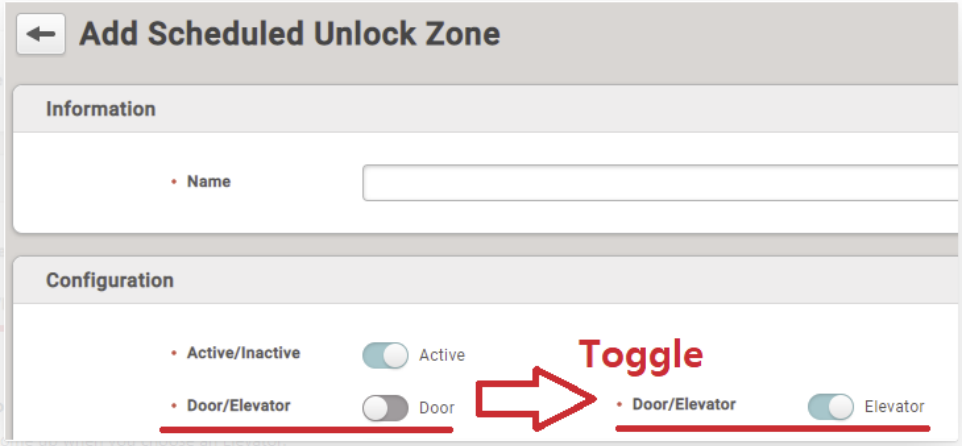
New Features in BioStar v2.8.3

Improved the Scheduled Unlock Zone function to support Elevator

- Both device's firmware and BioStar 2 versions need checking before use.

Product	Version	Product	Version	Product	Version	Product	Version
BioStar 2	v2.8.3	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	FaceLite	v1.2.0				

- To use Elevator Scheduled Unlock Zone by toggle the 'Door/Elevator' button.



<https://support.supremainc.com/en/support/solutions/articles/24000058280>

New Features in BioStar v2.8.3

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Improved the Scheduled Unlock Zone function to support Elevator

- Can select **ONE** Elevator but **MULTIPLE** Floors.
- Can use '**Started by User Authentication**' feature.

Add Scheduled Unlock Zone

Information

- Name: Test Scheduled Unlock Zone
- Type: Scheduled Unlock

Configuration

- Active/Inactive: ☒ Active
- Door/Elevator: ☒ Elevator
- Elevator: Test Elevator 1
- Started by User Authentication: ☒ Active
- Schedule: Always
- Floor: Test Elevator 1 - 1 + 1

Scheduled Unlock Authentication

- Access Group: Test Access Group

Apply **Cancel**

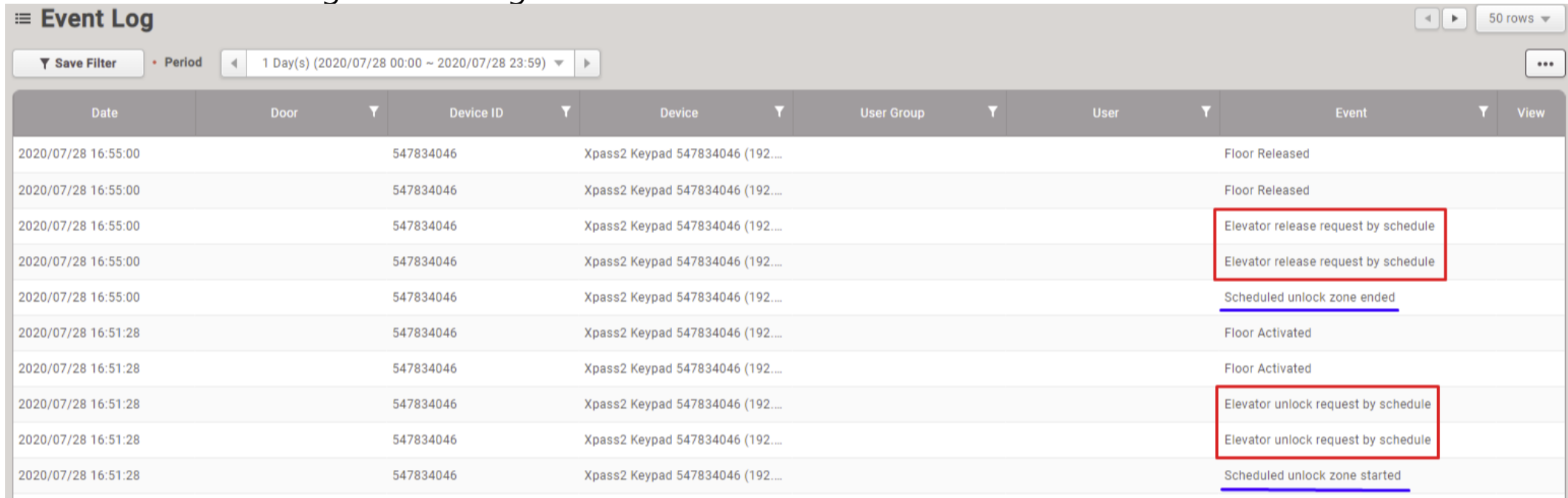
<https://support.supremainc.com/en/support/solutions/articles/24000058280>

New Features in BioStar v2.8.3

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Improved the Scheduled Unlock Zone function to support Elevator

- Can check Scheduled Unlock Zone of Elevator
 - BioStar 2 > Zone > Scheduled Unlock > Status column
 - BioStar 2 > Monitoring > Floor Status
 - BioStar 2 > Monitoring > Zone Status
 - BioStar 2 > Monitoring > Event Log



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	

<https://support.supremainc.com/en/support/solutions/articles/24000058280>

Major Bug Fixes

Major Bug Fixes

A. BioStar 2.8.1

- 1) When connecting as an administrator with device and user viewing privileges, only the event log containing both the device ID and user ID is displayed.
- 2) Even if connecting as an administrator with only devices, users, doors, and elevators reading permissions, the real-time logs and alarms of objects for which the administrator has no permission are shown.
- 3) Users are not synchronized to the TIME ATTENDANCE menu intermittently.

Major Bug Fixes

B. BioStar 2.8.3

- 1) The device rebooted abnormally when adding the device while Secure Communication with Device is on.
- 2) An error occurred if the following actions are executed when logged in as a custom level operator who has permission to modify a specific user group and users.
 - Selecting a user and executing CSV export.
 - Selecting a user and then printing.
 - Entering the Status tab of the user menu.
 - Disabling of Anti-Passback for specific users.
- 3) Image log files were not encrypted.
- 4) When using Personal Information DB Encryption, if a user having a mobile access card gets deleted, the card was deleted in BioStar 2, but not in the Suprema Airfob portal.
- 5) Intrusion detection log was not displayed in the real-time log.



Thank you!

