

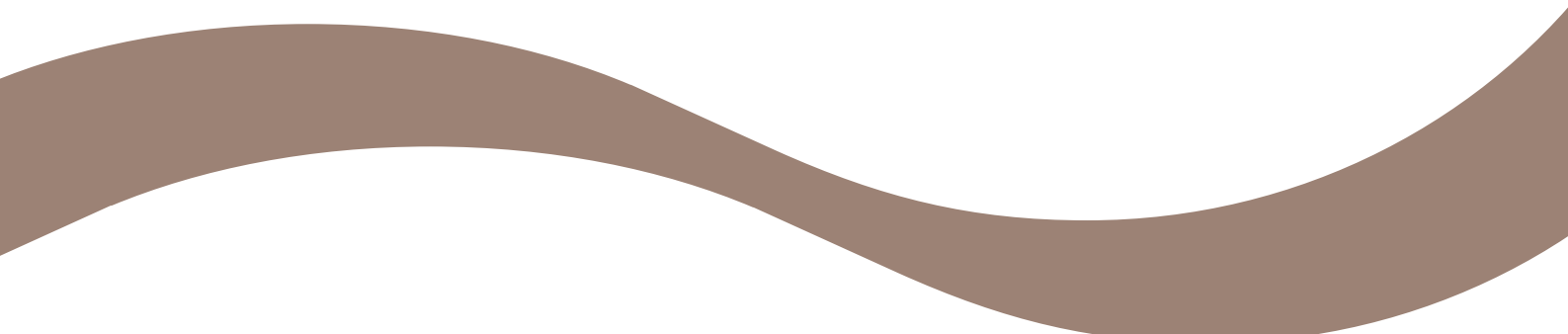


NEW FEATURE GUIDE

BioStar 2.4.1

English

Version 1.00



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- This document provides an explanation for new functions of BioStar 2.4.1.
- For detailed methods of use for each function, refer to the BioStar 2 Administrator Manual.

BioStar 2.4.1



FaceStation 2 | Your face is the key

A user's face can be used as the credential in BioStar 2.4.1 using FaceStation 2, which combines Suprema's latest algorithms, hardware, and software.

FaceStation 2 enables the authentication of 3,000 faces within a second with a 1.4 GHz quad-core CPU and improved face recognition algorithms, and 5,000 faces can be authenticated within a second through the use of Group Matching.

FaceStation 2 provides a new experience of contactless authentication with the Android 5.0 Lollipop-based improved user experience (UX), VoIP video phone, live face detection, NIR LED controlled according to the brightness of surrounding environments, and a design focused on user convenience.

FaceStation 2 also displays excellent authentication performance under the illumination intensity of 25,000 lx and supports multi RFID technology, which enables the authentication of a card that uses two frequency domains in one device and the mobile credential (NFC and BLE).

Face Group Matching | Authentication of 5,000 faces within 1 second

Face group matching is the function used to specify a group to match with a user in advance and authenticate based on user groups set in BioStar 2. Up to 10 matching groups can be set, and each group can include up to 3,000 face templates.

Matching group information set in BioStar 2 is synchronized with FaceStation 2. All a user has to do is select the name of the organization he/she is affiliated with. An accurate and stable authentication function can be provided in large sites such as large companies, factories, and government offices.

Group Matching Use

Group Matching Device Settings

Device ID	Device Name	Device Group	IP Address	
4	FaceStation 2 4 (192.168.16.193)	All Devices	192.168.16.193	

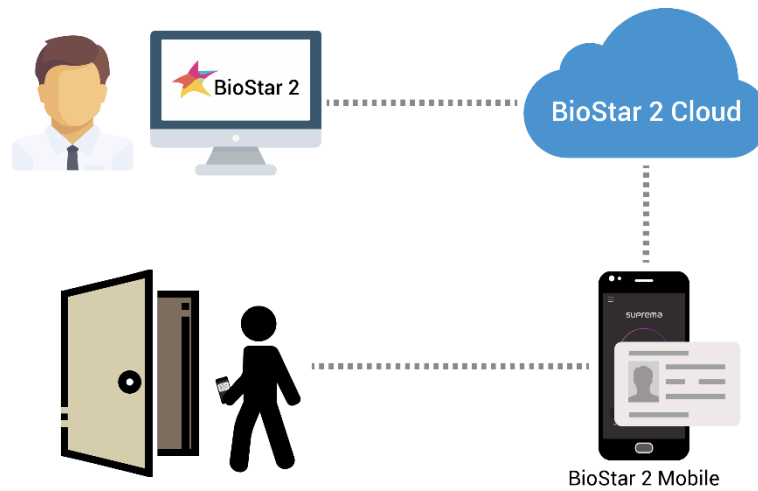
Matching Group Settings

Order	Group Name	User Group	Number of Faces	
1	15F	15F USER	2 / 3000	
2	16F	16F USER	2 / 3000	
3	17F	17F USER	2 / 3000	

[Group matching configuration screen]

Mobile Card | Easier way to access

Mobile cards can be used through the linkage between BioStar 2.4.1 and the BioStar 2 Mobile app in the smartphone. Now, your smartphone can be used as the credential instead of a plastic card.



A mobile card set by the administrator is sent to the user's mobile device through BioStar 2 cloud, and the user can finish the preparation for using the mobile card by simply registering the mobile card in the BioStar 2 Mobile app.

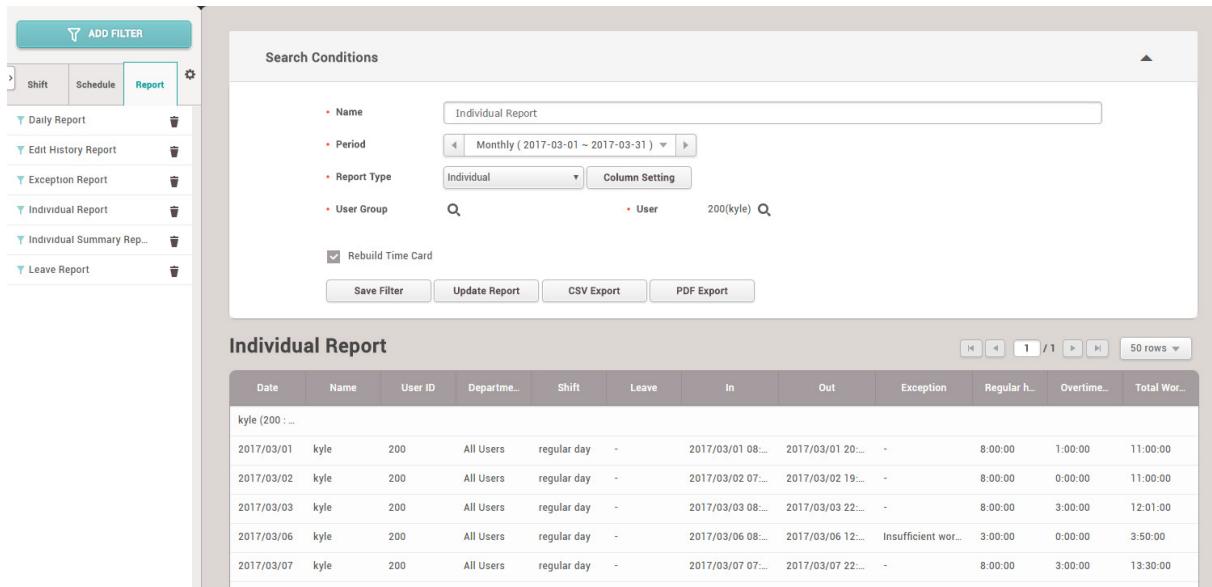
Both NFC and BLE are supported for mobile cards using the BioStar 2 Mobile app.

- **Conditions for using the NFC mobile card**
 - Mobile device OS: Android 4.4 KitKat or later
 - BioStar 2 Mobile 2.4.1 or later
 - Xpass S2: XPS2M-V2 firmware 2.4 or later
 - BioStation 2: BS2-OMPW, BS2-OIPW firmware 1.4 or later
 - BioStation A2: BSA2-OMPW, BSA2-OIPW firmware 1.3 or later
 - BioStation L2: BSL2-OM firmware 1.2 or later
 - BioEntry W2: BEW2-OAP, BEW2-ODP firmware 1.1 or later
 - FaceStation 2: FS2-D, FS2-AWB firmware 1.0 or later
- **Device and conditions for using the BLE mobile card**
 - Mobile device OS: Android 4.4 KitKat or later / iOS 9.0 or later
 - BioStar 2 Mobile 2.4.1 or later
 - FaceStation 2: FS2-AWB firmware 1.0 or later

T&A Report | Improving UI/UX to make various T&A reports easy to use

The user interface (UI) and the user experience (UX) of BioStar 2.4.1 have been improved to allow the T&A administrator to create a desired report easily.

The in and out records and reports are integrated and improved to allow the T&A administrator to view T&A records easily, and to set and save 7 reports more easily than the previous method.



The screenshot displays the T&A Report interface. On the left, there is a sidebar with a search bar and a list of report types: Daily Report, Edit History Report, Exception Report, Individual Report, Individual Summary Rep..., and Leave Report. The main area is titled "Search Conditions" and includes fields for Name (Individual Report), Period (Monthly (2017-03-01 ~ 2017-03-31)), Report Type (Individual), and User Group (User 200(kyle)). There is a checkbox for "Rebuild Time Card" and buttons for "Save Filter", "Update Report", "CSV Export", and "PDF Export". Below the search conditions is the "Individual Report" section, which features a table with columns: Date, Name, User ID, Departme..., Shift, Leave, In, Out, Exception, Regular h..., Overtime..., and Total Wor... The table shows data for user kyle (200) from 2017/03/01 to 2017/03/07.

Date	Name	User ID	Departme...	Shift	Leave	In	Out	Exception	Regular h...	Overtime...	Total Wor...
kyle (200) : ...											
2017/03/01	kyle	200	All Users	regular day	-	2017/03/01 08:...	2017/03/01 20:...	-	8:00:00	1:00:00	11:00:00
2017/03/02	kyle	200	All Users	regular day	-	2017/03/02 07:...	2017/03/02 19:...	-	8:00:00	0:00:00	11:00:00
2017/03/03	kyle	200	All Users	regular day	-	2017/03/03 08:...	2017/03/03 22:...	-	8:00:00	3:00:00	12:01:00
2017/03/06	kyle	200	All Users	regular day	-	2017/03/06 08:...	2017/03/06 12:...	Insufficient wor...	3:00:00	0:00:00	3:50:00
2017/03/07	kyle	200	All Users	regular day	-	2017/03/07 07:...	2017/03/07 22:...	-	8:00:00	3:00:00	13:30:00

[Personalized report screen]



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