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BIOMETRICS & SECURITY

BioStar 2.7
New Feature Introduction (2.7.1 ~ 2.7.7)

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11. 07. 2019

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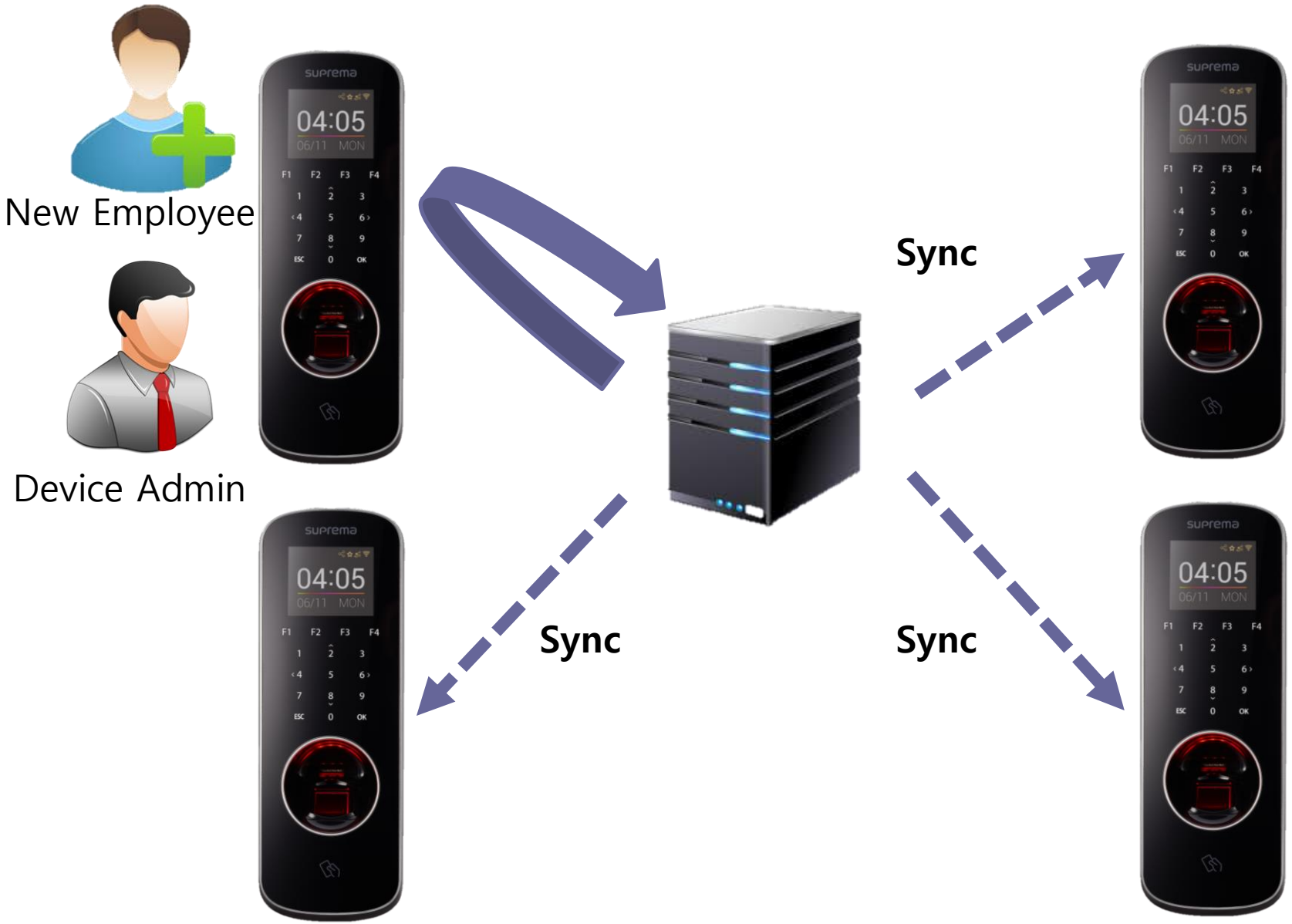
New Features and Improvements

Server Setting

Synchronization of All Devices



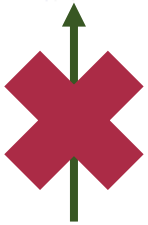
Synchronization of All Devices

DB Server

Device

User ID 1234

User ID 1234

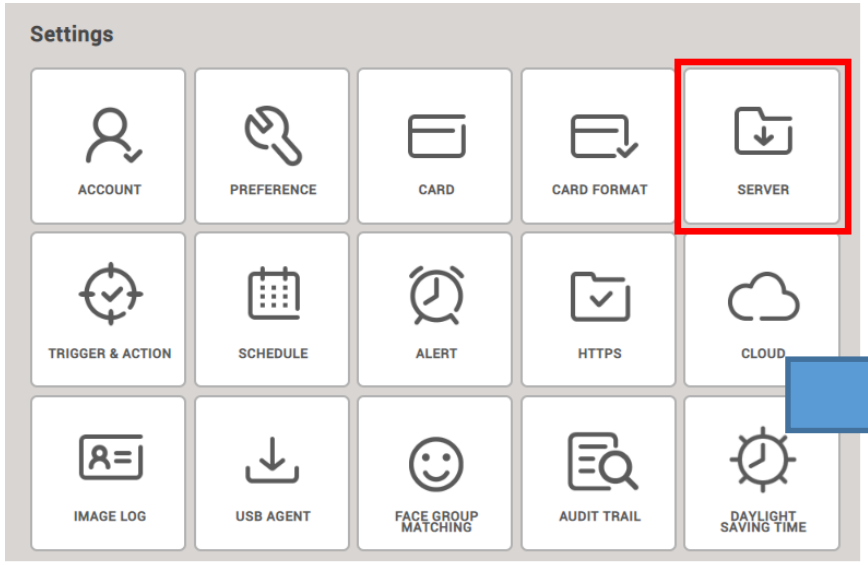


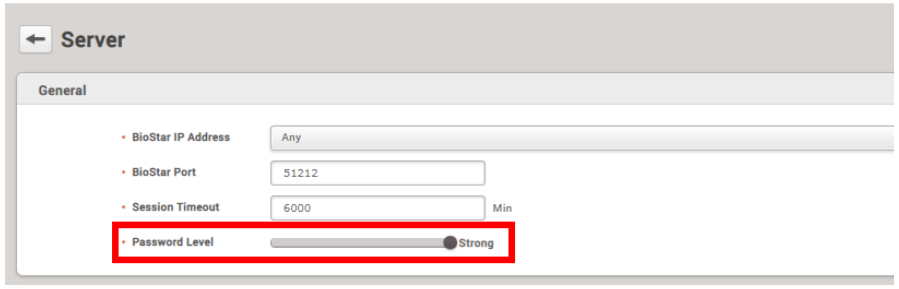
1st Fingerprint

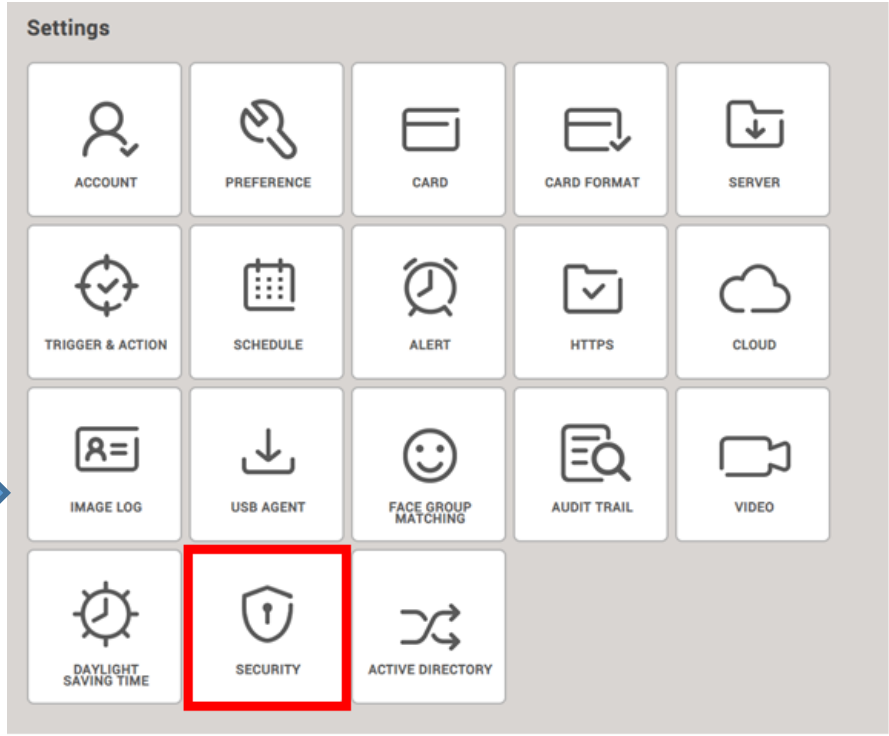
Add Fingerprint

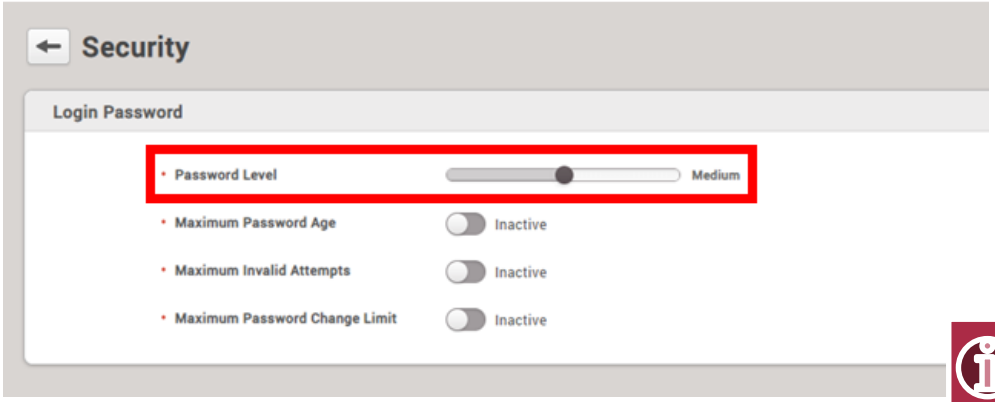
2nd Fingerprint

Setting of Password

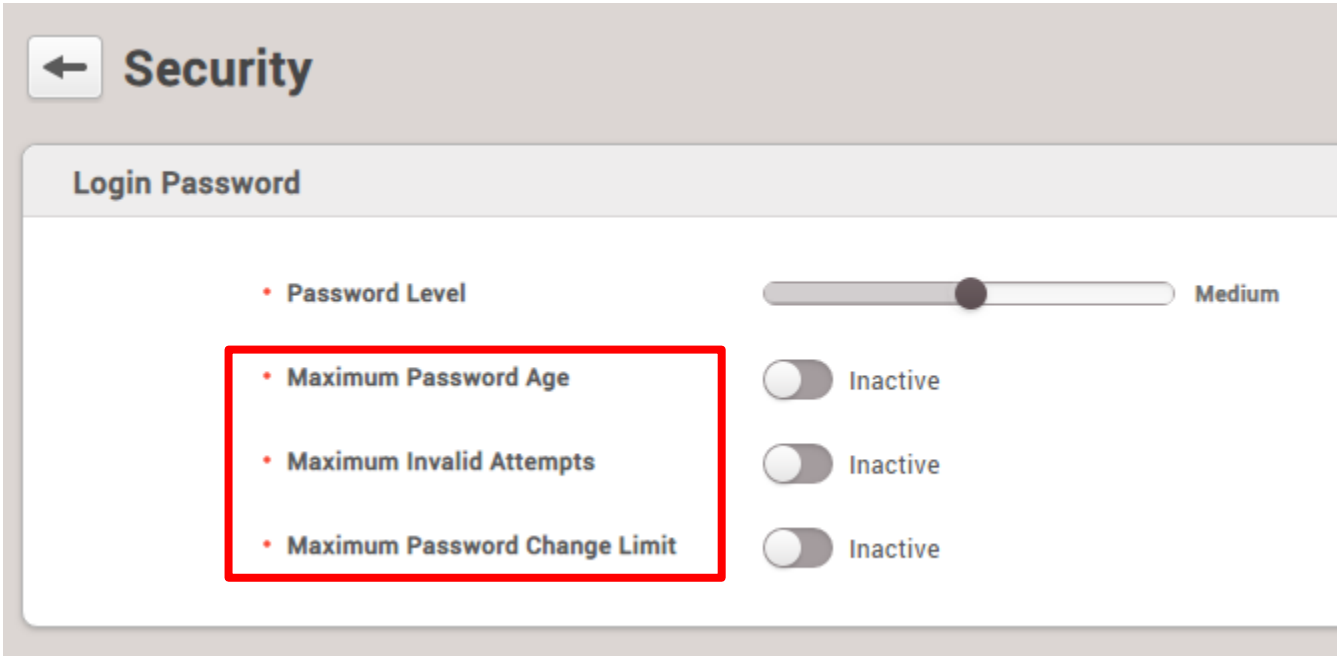






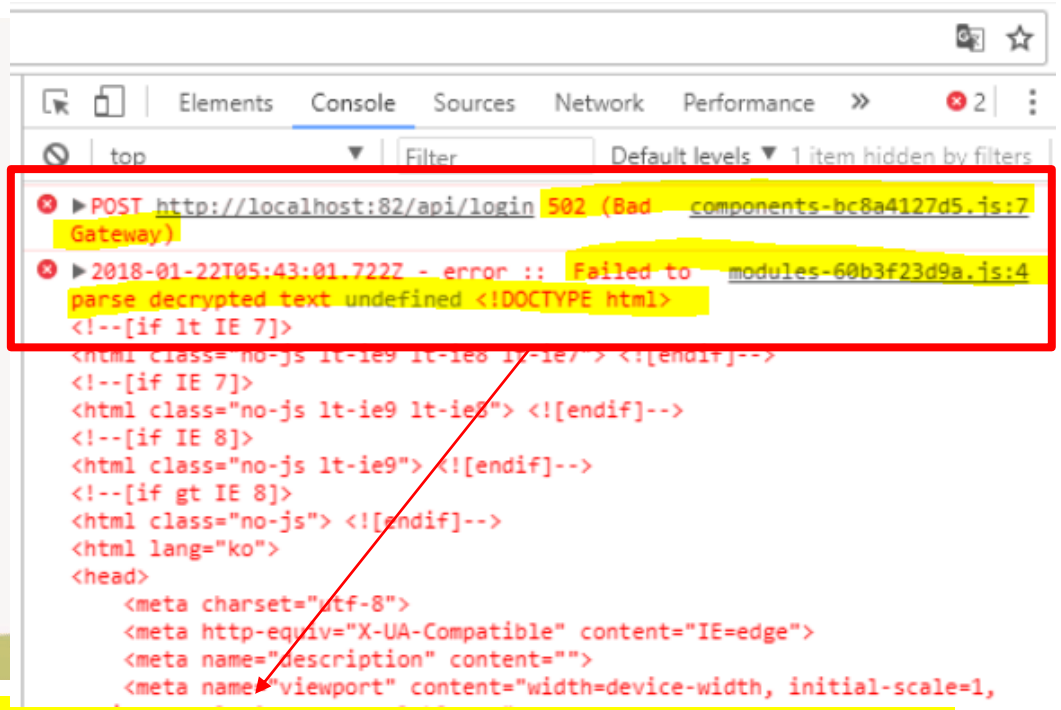


Setting of Password

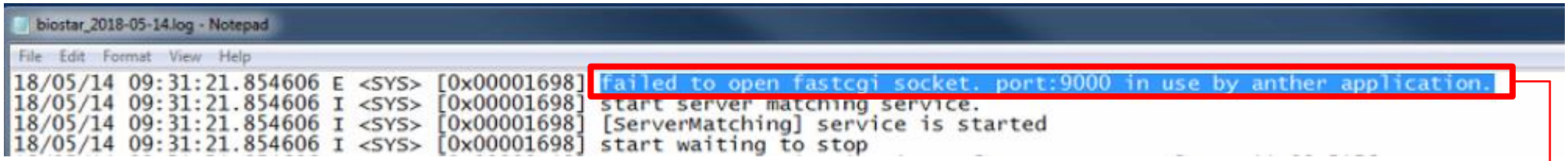


Maximum Password Age	**Set the period for using password**
Maximum Invalid Attempts	**Limit the number of password failures**
Maximum Password Change Limit	**Unable to reuse the same password**

Support the port 9000 change in ‘setting.conf’



[502 bad gateway. failed to parse decrypted text] error



failed to open fastcgi socket. port:9000 in use by another application.

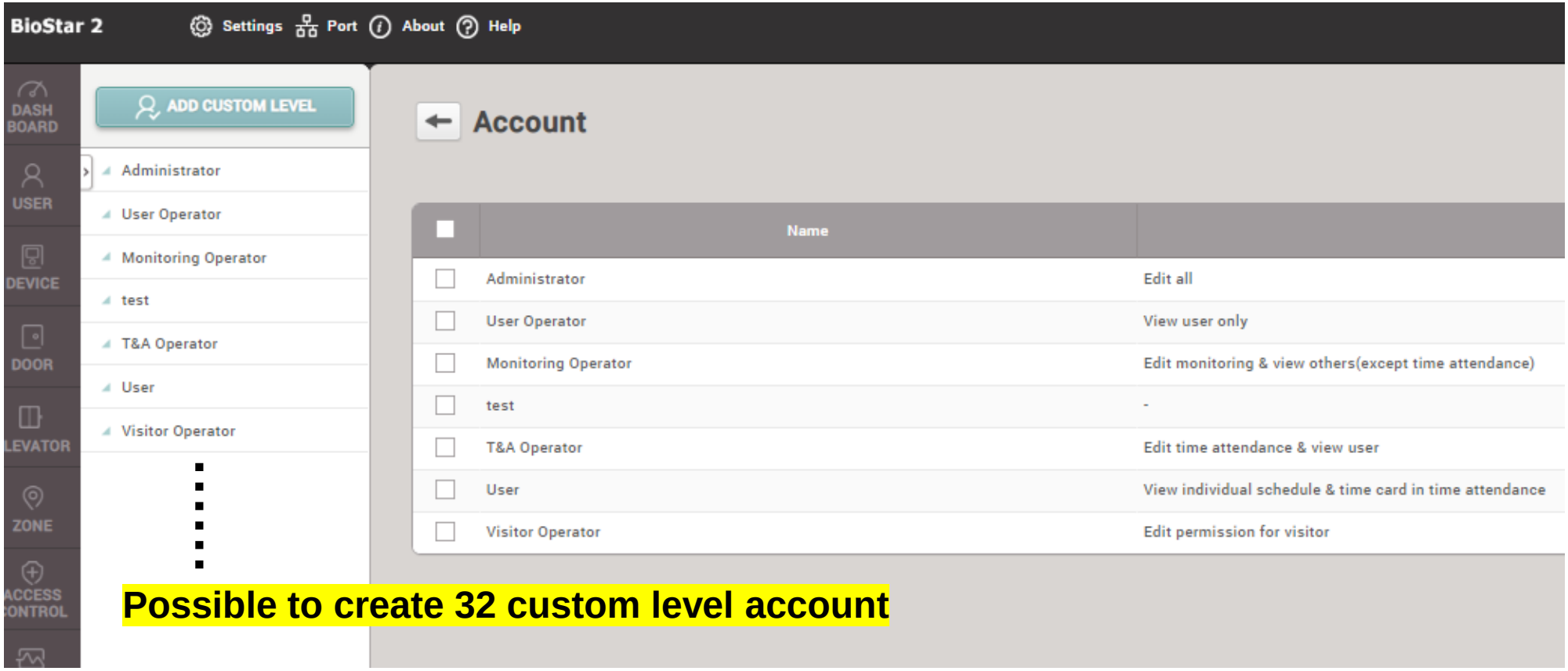
Support the port 9000 change in ‘setting.conf’

setting.conf

```
{
  "BioStar" : {
    "api_port" : 9010,
    "webserver_thrift_port" : 9310,
    "webserver_fastcgi_port" : 9000,
    "https" : {
      "use_ssl" : "1",
      "port" : 456,
```

Change the port number what you want to use instead of port 9000

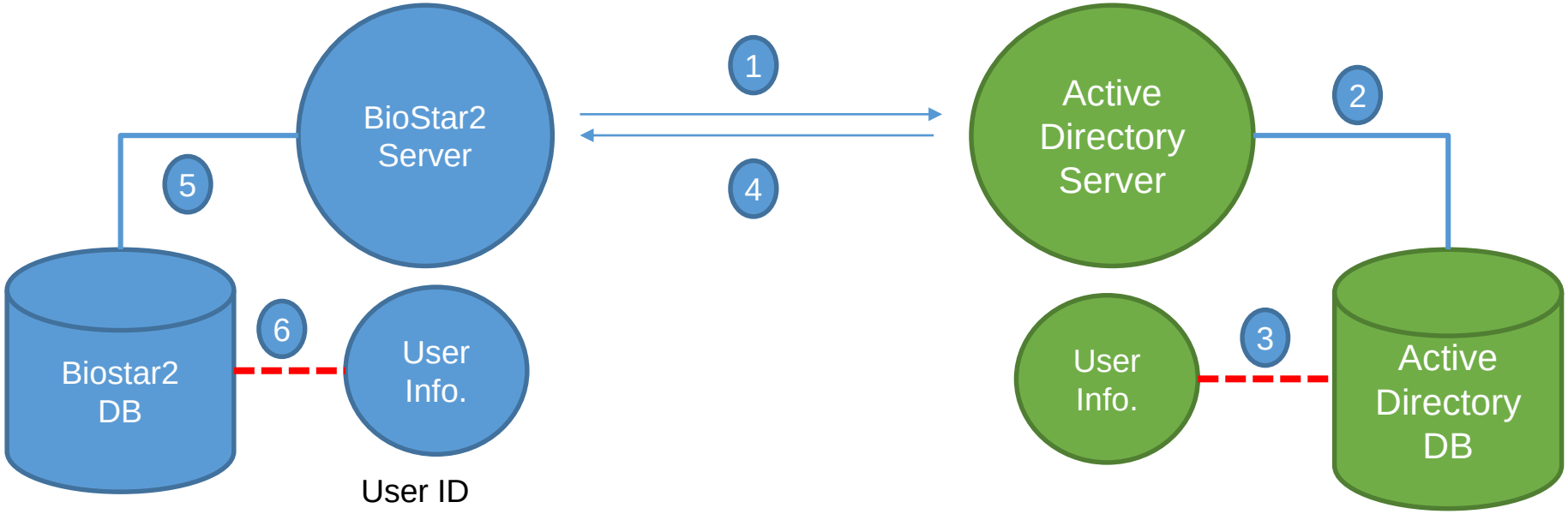
The number of Custom Level



BioStar 2.7.5 has no custom level limitations.

Active Directory Support

Biostar2 v2.7.5 or higher version support Active Directory Menu to get the user information from Active Directory to BioStar2 User.



User ID
User Name
Email
Telephone
Expired Date

sAMAccountName
adminCount
Mail
accountNameHistory
accountExpires
etc

Required AC License :
Advanced Level

Specification of BioStar 2 Active Directory

Supported Feature

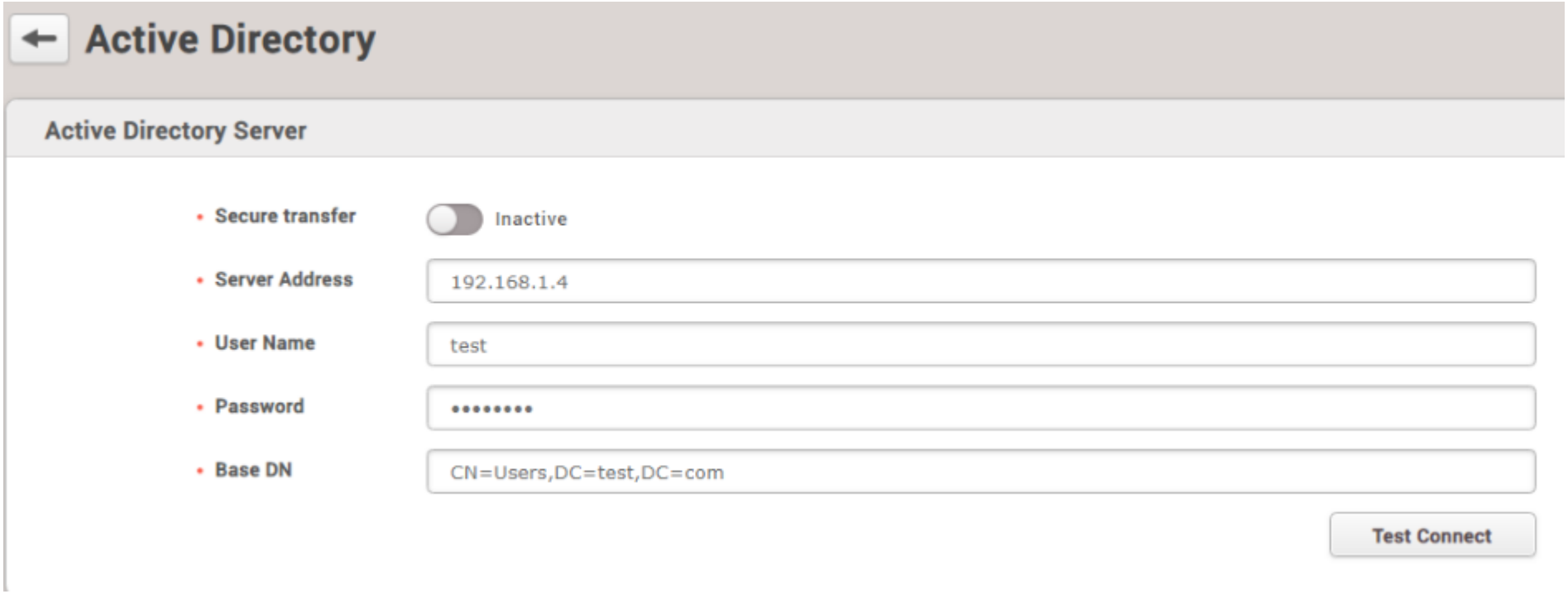
- Default Simple Authentication of Active Directory connection
- Communication Encryption between Active Directory and BioStar2 Server for limited environment
- Manual Synchronization from user information of Active Directory Server to user information of BioStar 2

Not supported Feature or limited feature

- Not selectable of user ID of BioStar2 User field for user information connection of Active Directory Server
- Not available to add more than 5 user field of BioStar2 Server
- Not available to use communication encryption if Active Directory and Active Directory Certificate Service are located in different PC
- Not available to synchronize automatically

How To Configure Active Directory Server in BioStar 2

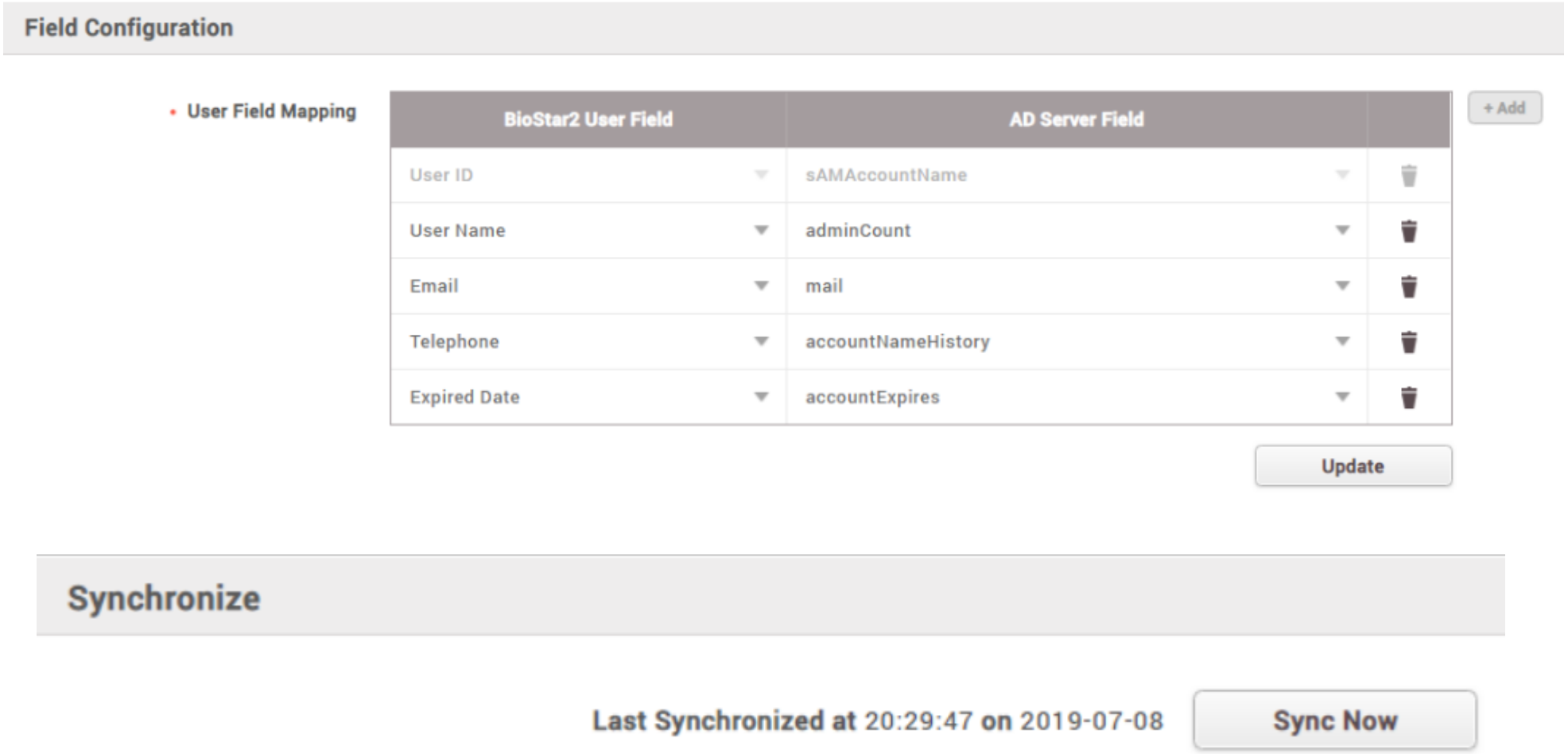
Steps
1. BioStar2 AC Advanced Level License
2. Alphanumeric User ID Type
3. Confirmation the connection for Active Directory Server and update the server information in BioStar 2
- Confirmation the specification of Biostar2 Active Directory



Reference Article: How To Confirm Active Directory Server Information
https://support.supremainc.com/a/solutions/articles/24000041940--biostar-2-how-to-confirm-active-directory-information

How To Configure Active Directory Server in BioStar 2

Steps
4. Fill in for each field of Active Directory of BioStar2

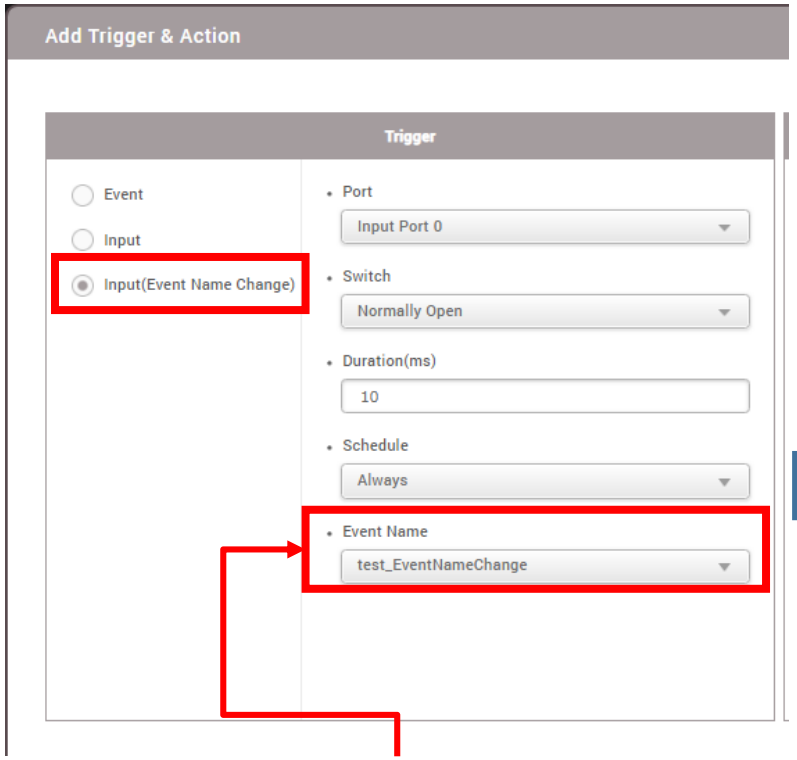


Reference Article: How To Configure Active Directory in BioStar2
https://support.supremainc.com/a/solutions/articles/24000044140--biostar-2-how-to-configure-active-directory-in-biostar2-/en

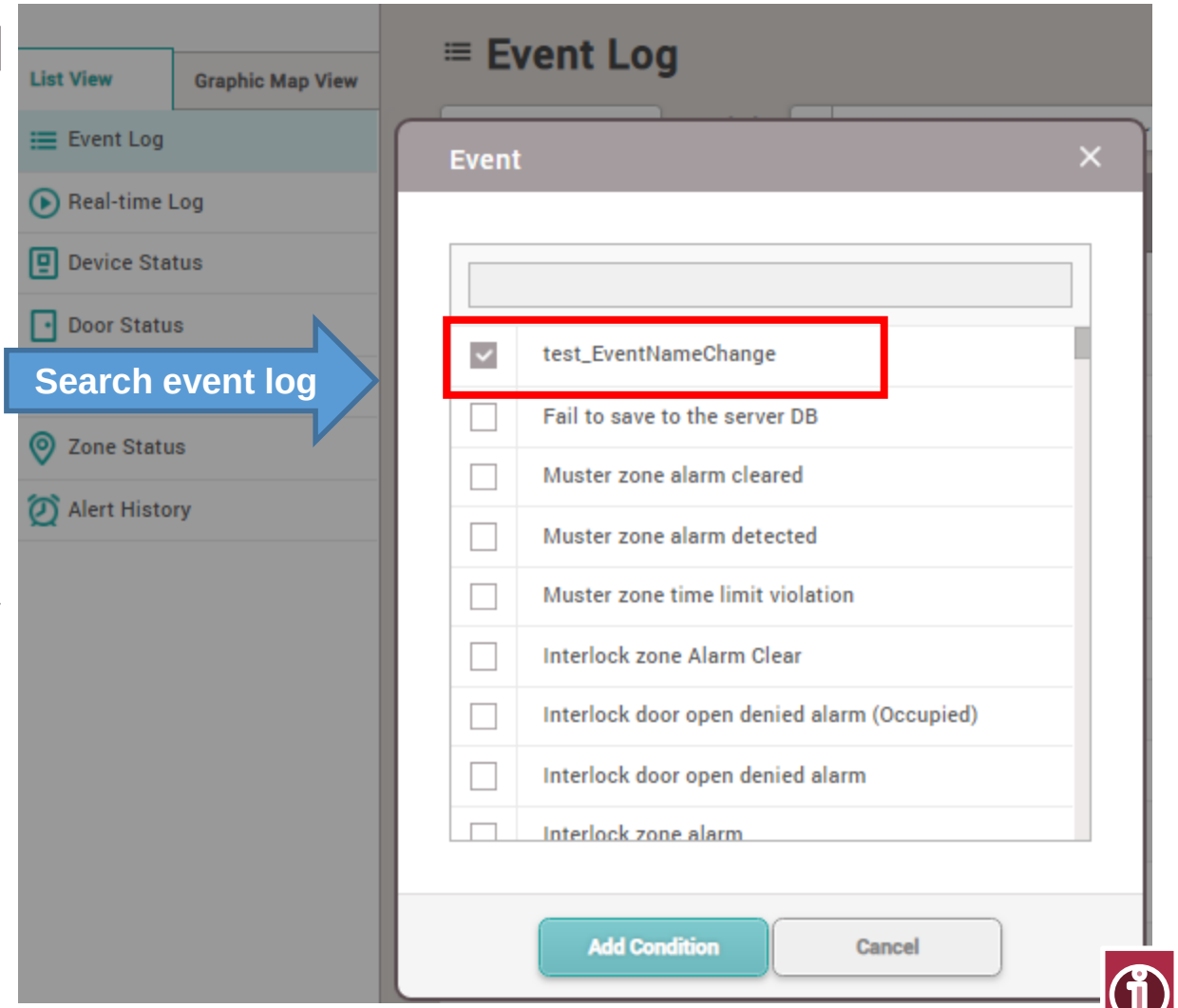
New Features and Improvements

Device

Input in Trigger & Action (Event Name Change)

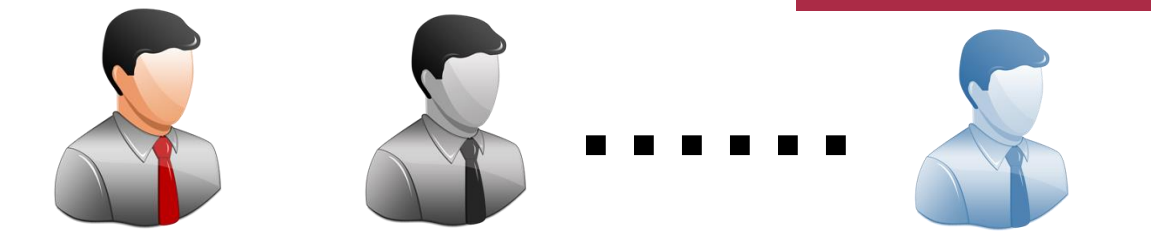


Enter the event name what you want to use



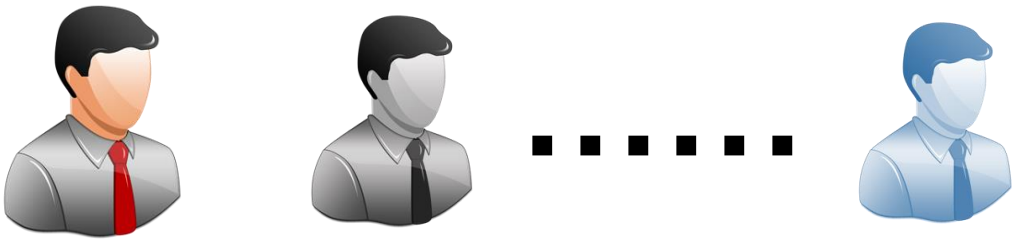
Increase the number of administrator

Before BioStar 2.7.3

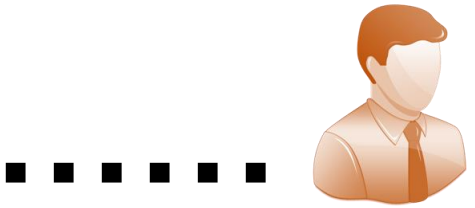


Device Admin 1 Device Admin 2 Device Admin 10

From BioStar 2.7.3



Device Admin 1 Device Admin 2 Device Admin 10



Device Admin 1000

BioStar 2 (Old version)	Device (new version)	Max 10 admin users
BioStar 2 (new version)	Device (old version)	Max 10 admin users
BioStar 2(new version)	**Device (new version)**	**Over than 10 users**

Quick Enrollment for FaceStation 2

New Employee

Enroll Face

The front face

Moving the face up and down

Moving the face to the left and right

3 Steps for register

The front face

From FW v1.2.2

Quick Enrollment

New Features and Improvements

Time and Attendance

Working 24 hours or longer (fixed shift)

Employee's Schedule

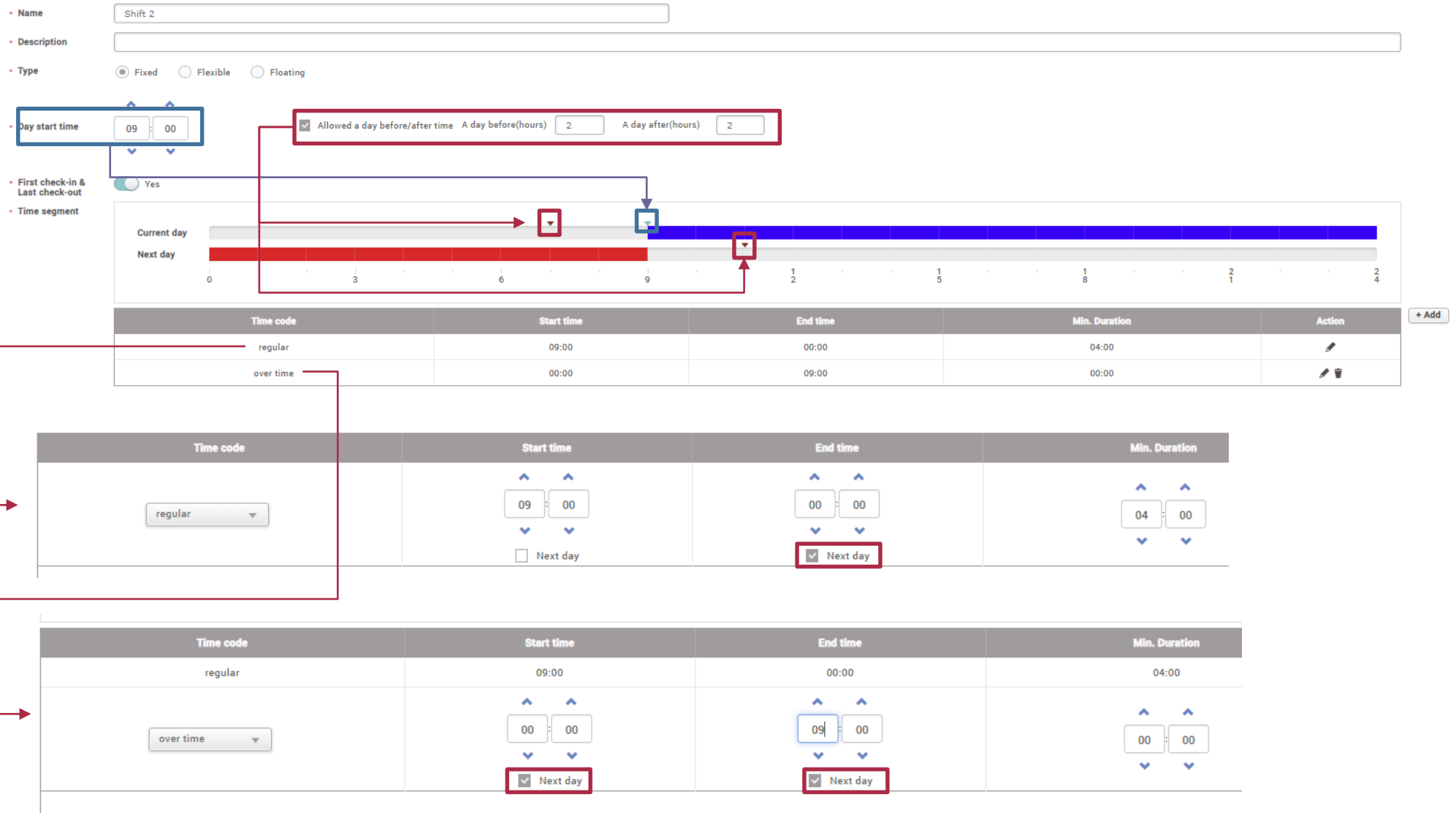
DAY	WORKING TIME	OVER TIME
1	09:00 ~ 18:00	
2	09:00 ~ 09:00	00:00 ~ 09:00
3	13:00 ~ 22:00	
4	Day off	
5	09:00 ~ 18:00	
6	09:00 ~ 09:00	00:00 ~ 09:00
.....	13:00 ~ 22:00	

Work overnight once in 4 days

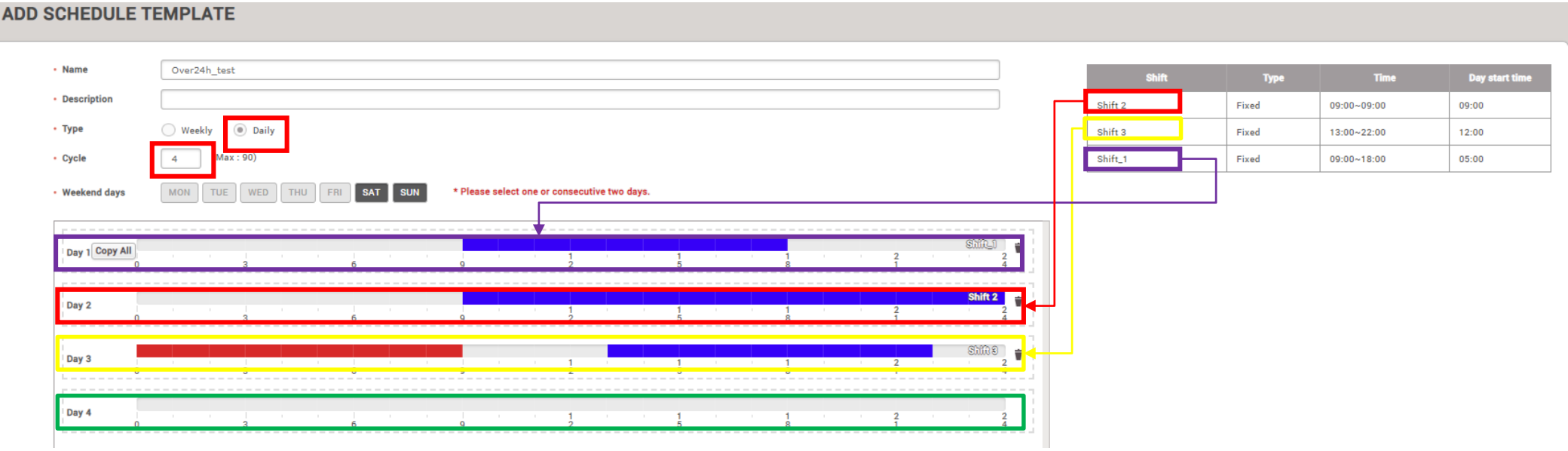
3 different shift

1. Day 1 / 5 / 9 / ...
2. Day 2 / 6 / 10 / ...
3. Day 3 / 7 / 11 / ...

Working 24 hours or longer (fixed shift)



Working 24 hours or longer (fixed shift)



3 different shift

1. Day 1 / 5 / 9 / ...
2. Day 2 / 6 / 10 / ...
3. Day 3 / 7 / 11 / ...

TA License Policy

Items	Basic (Free)	TA License
Number of Schedules	1	Unlimited
Number of User per Schedule	99	Unlimited

TA license under BioStar 2.7.6

Item	Starter (Free)	Standard	Advanced	Professional
Number of Users	100	500	1,000	Unlimited

TA license from BioStar 2.7.7

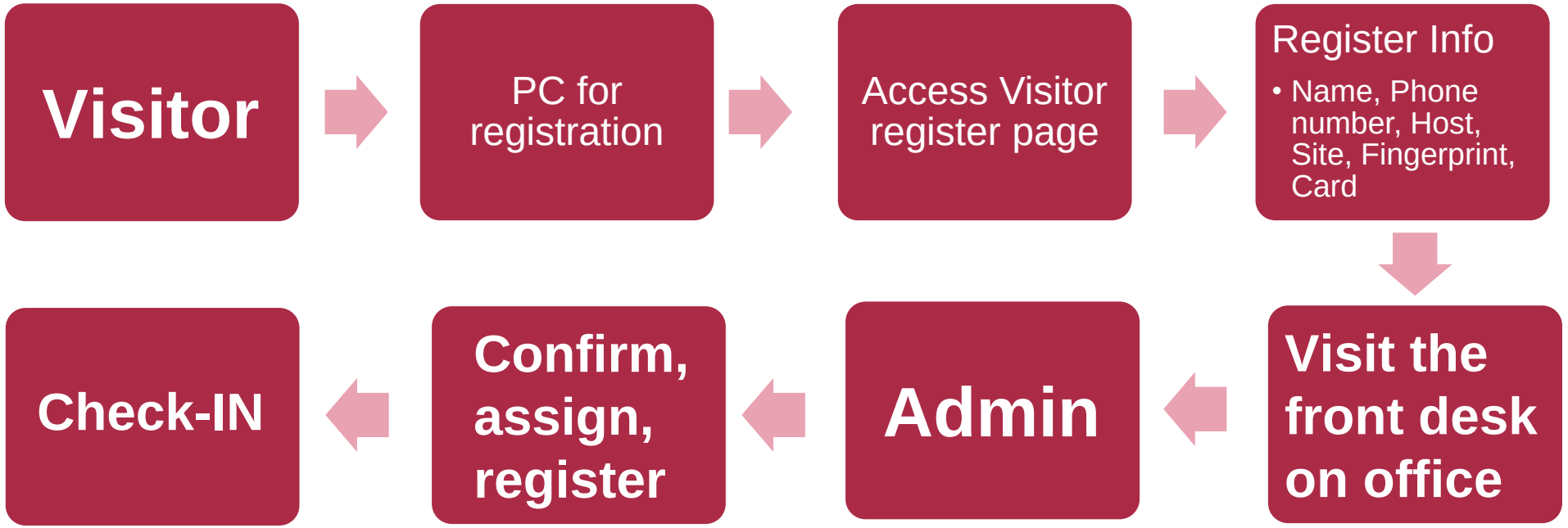
If there is an Time Attendance license already in use, it is replaced by an Professional license.

New Features and Improvements

Visitor

Visitor Settings	License, Device for registration
Site	Area visitors want to visit > Door, Access Group
PC for registration	Self registration > Visitor setting, Site

Visitor Management

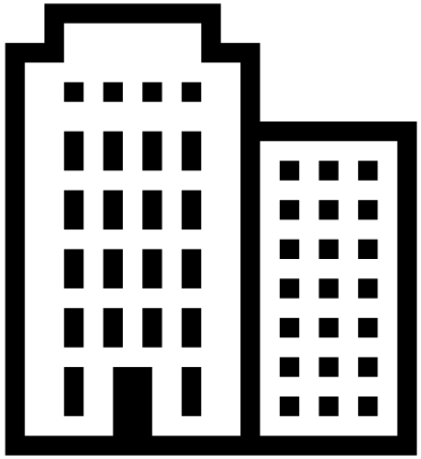


Visitor Management

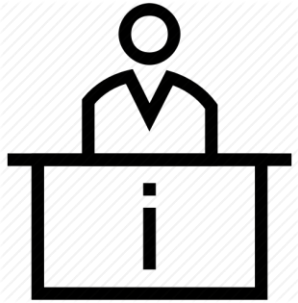
Pre-registration

PC for registration

Visit to the company



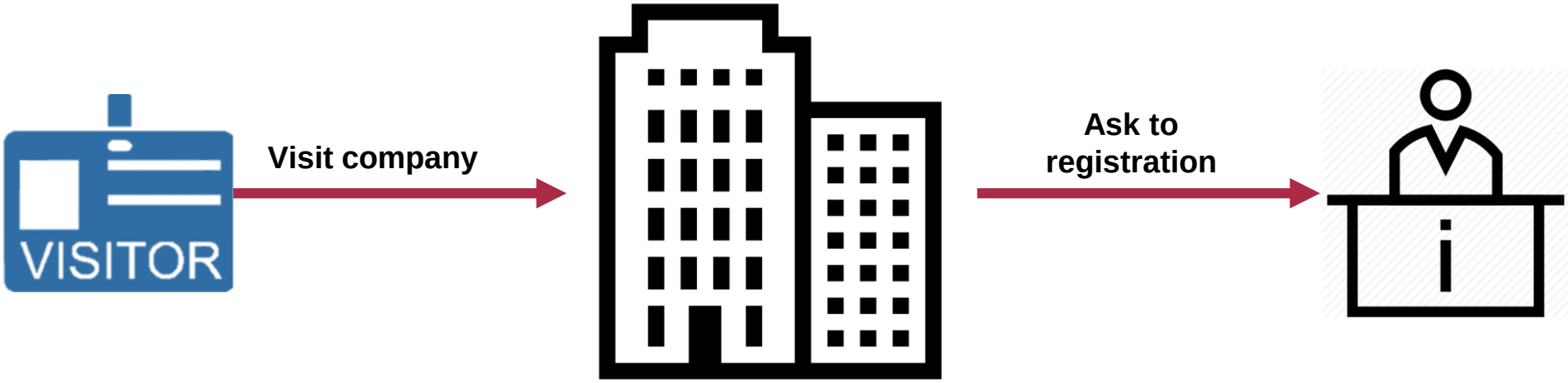
Contact to front desk



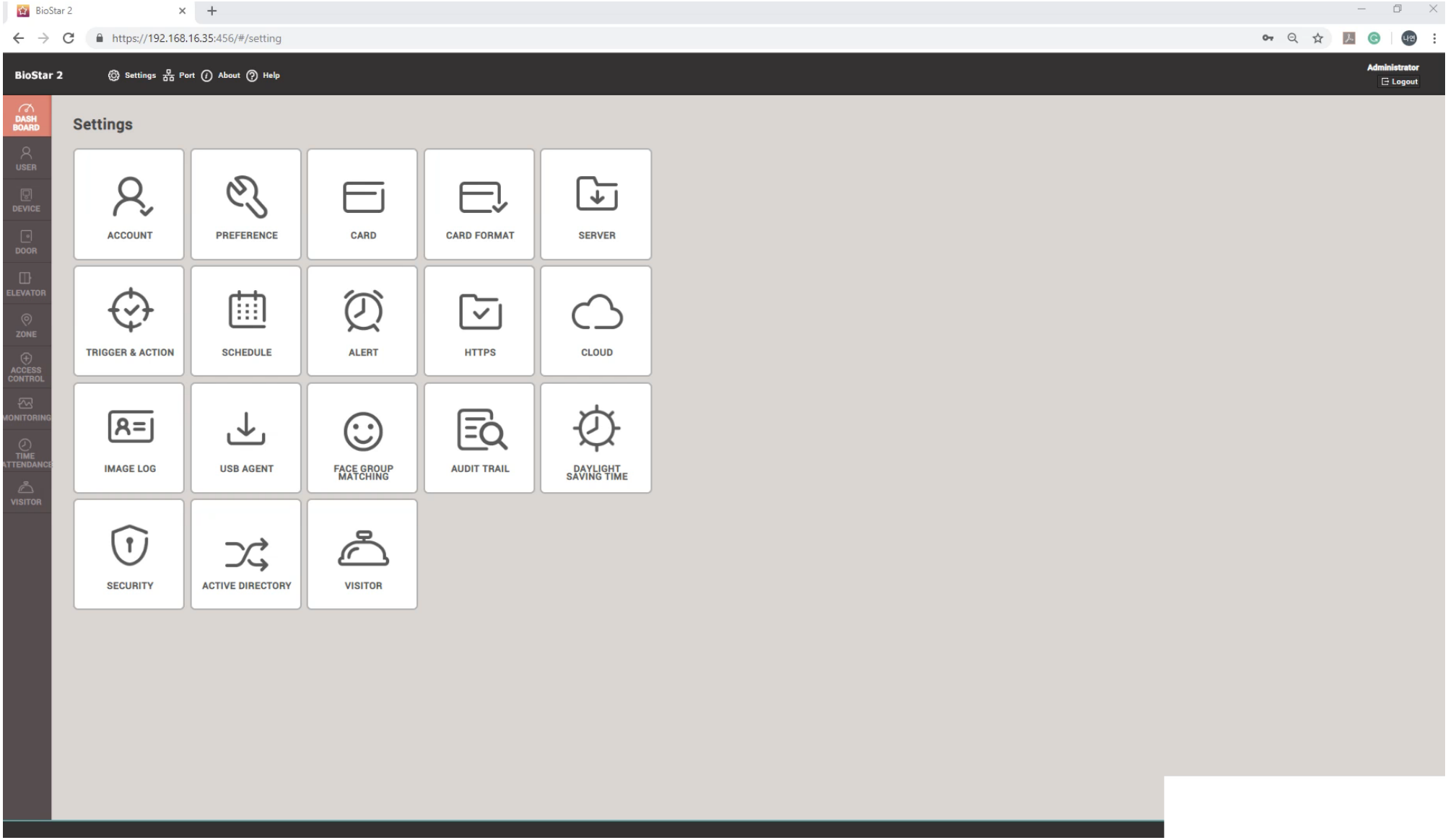
Visit company

Visitor Management

Onsite registration



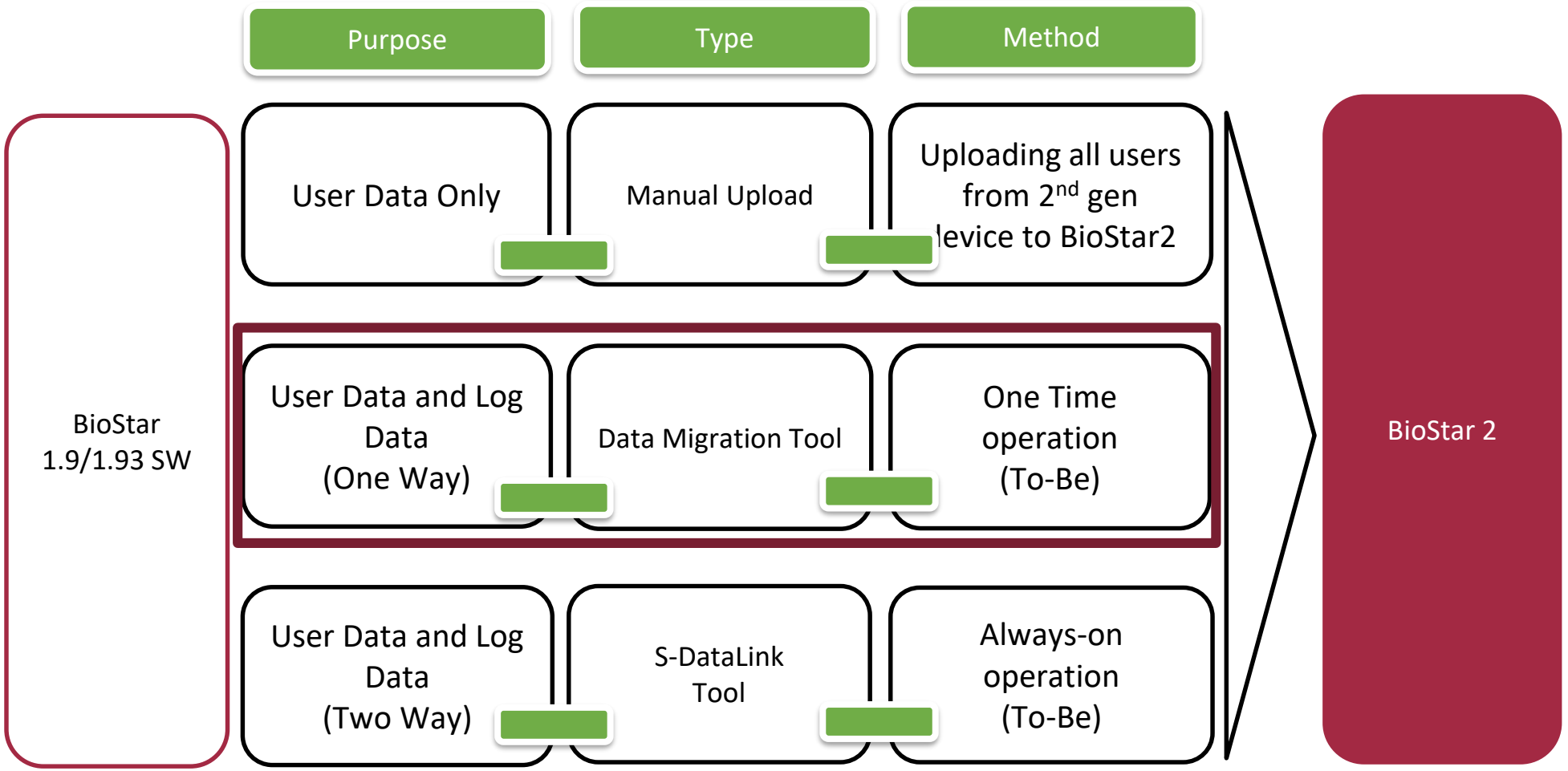
Visitor Management



New Features and Improvements

DB Migration Tool (BioStar 1.x > BioStar 2)

DB Migration Methods



User Data and Log Data (One Way)

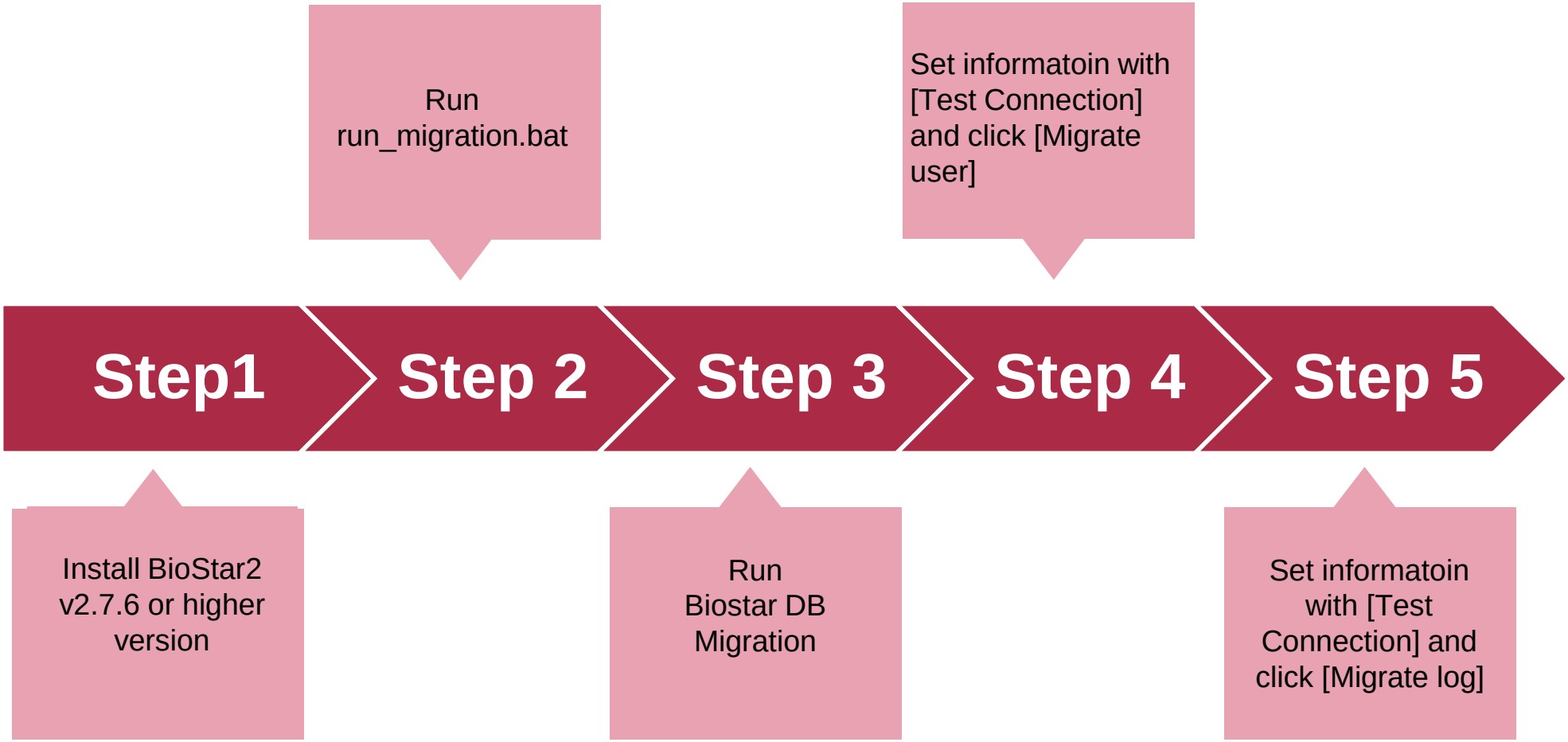
Use Case

1) Need to have user information and event log
2) Replace old 1st devices to 2nd generation device
3) Only the CSN card format is supported
4) Profile Image can be migrated

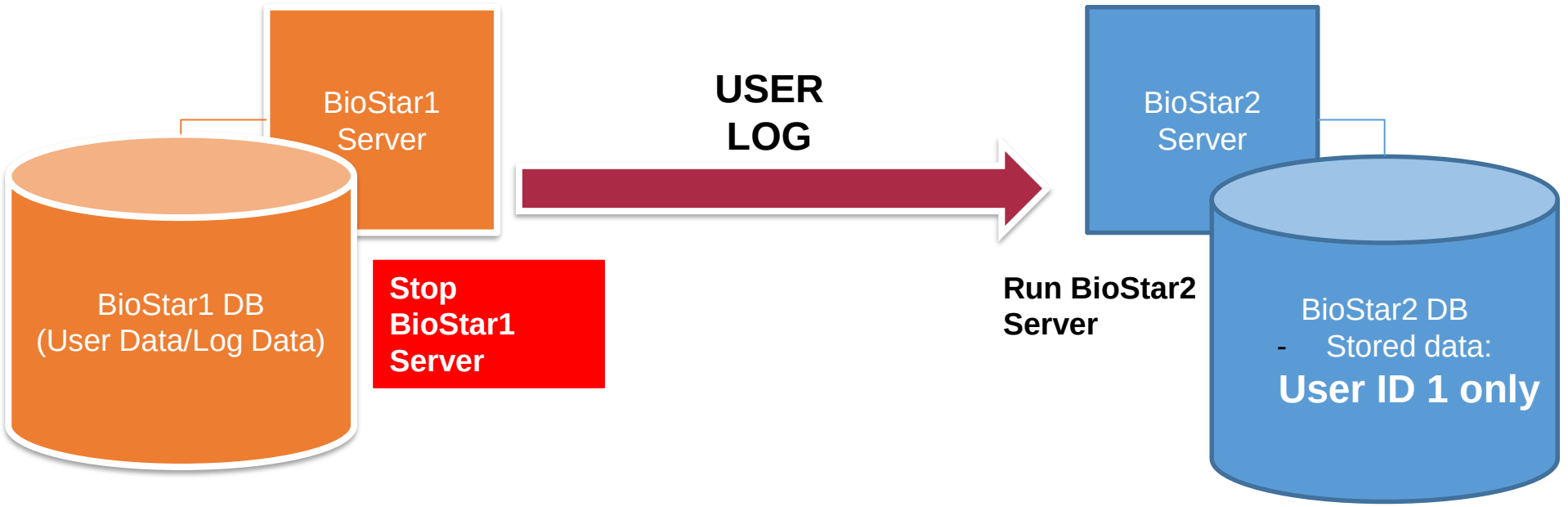
Notice

1) It needs to configure a door setting and access level/group once installing BioStar2 and uploading users if the formal environment is using access group with BioStar1
2) It does NOT get a face template and a Face template of FS1 is not compatible with a face template of FS2
3) It does NOT set user level of device menu access
4) When migrating data using BioStar 1.x to BioStar 2.x Migration Tool, existing users stored in BioStar 2 will be deleted except for user 1
5) Confirm if you install BioStar 1.9 or higher version

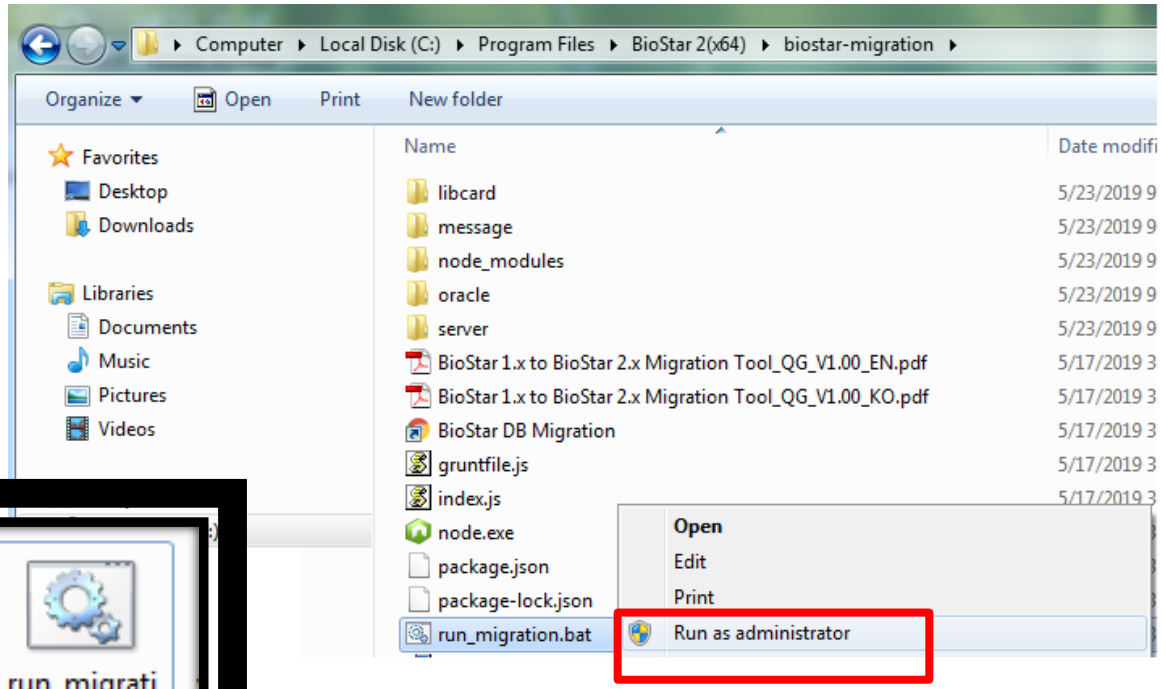
Data Migration (One-Time)

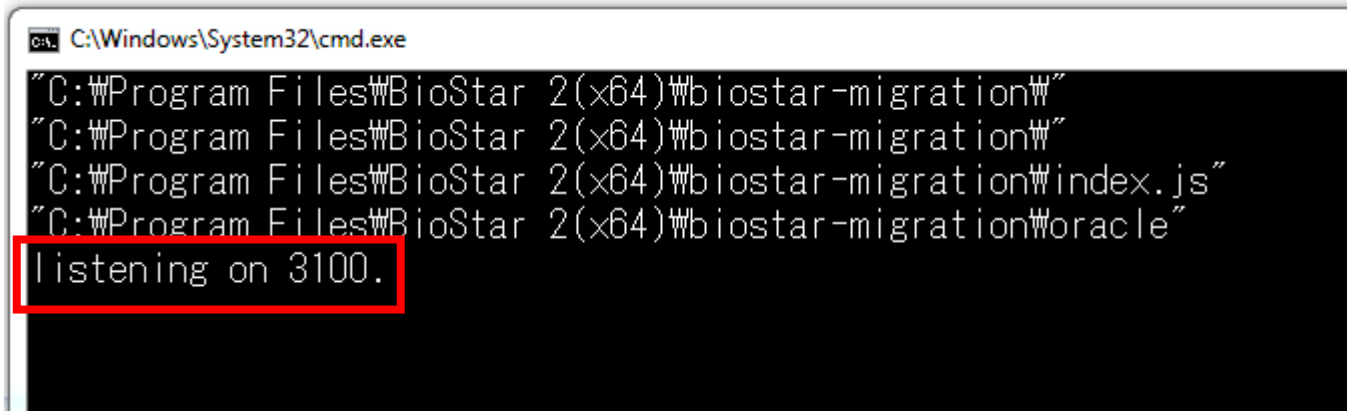


Data Migration (One-Time)

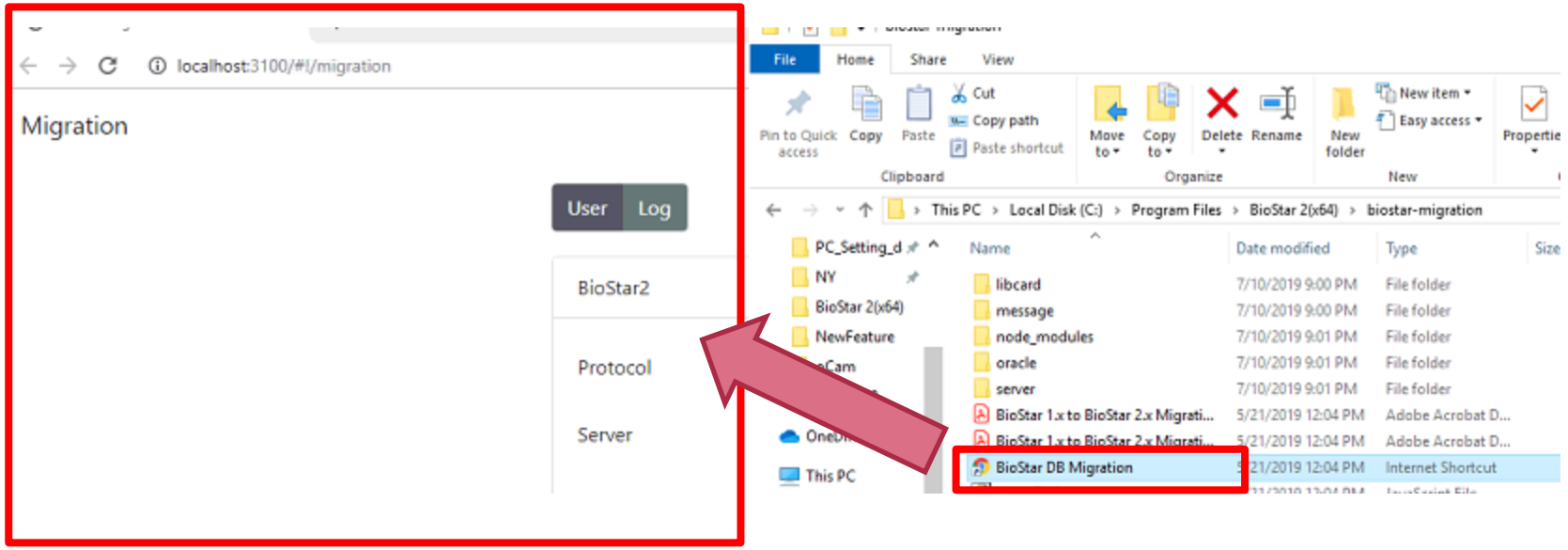


Migration Tool (BioStar 1.x > BioStar 2.x)





Migration Tool (BioStar 1.x > BioStar 2.x)



Q&A

Will the visitor mode available in all versions, even at the free version?

- **NO.** To use the visitor management, you should purchase Visitor License of BioStar2

Does the Visitor management system support capturing of photo when visitor visits the site?

- **NO**. BioStar2 Visitor Management does NOT support for capturing photo. We will discuss if it can be added to the future version.

Does the Visitor management have report summary? And can the visitor can register remotely? By giving them the link for the registration via email of SMS?

- **NO.** It dose NOT support any report types.
  It is not possible to register visitor information remotely without login Administrator at once.
  Please refer to the article below.
  [BioStar 2] How Visitor Management Works?

Can we edit the title with visitor mode?

- **NO.** We do not support any editing on most of the titles.

How about kiosk module for self check in at site for VMS? Also can we add enrollment fingerprint reader to the assigned VMS PC?

- The self-registration does not support check in. The operator must approve the registered visitor for now. BioMini and BioMini Plus 2 are supported to v2.7.10 for self-registration.
  [BioStar 2] How To Set Up Self-Registration Page
  [BioStar 2] How To Register Visitor Information by Self-Registration Page (For Visitors)

Q&A

Can we add FaceLite or FaceStation 2 to the VMS self check in or kiosk so visitor can enrollment ahead their face or even finger if majority of device installed is fingerprint devices?

- **NO.** The face devices are not supported yet, but are planned to be included in the future version. This is on our road map.

Do you have a plan creating an app in playstore or Appstore for the VMS like the BioStar Mobile so it can be use in a kiosk?

- **NO**. We do not have a plan, and even though we have it looks to be a long way to go there.

Q&A

We have to live server BioStar 1 and BioStar 2 since the old device still running for the purpose of double enrollment and reviewing of transaction. Does it have difference between migration tool and S-datalink?

- The S-Datalink and the migration tool are different tool.
  S-DataLink is a customized tool for user synchronization and log synchronization between BioStar1 and BioStar2.
  DB Migration tool which is provided by Biostar2 SW is one way synchronization tool.

What is the benefit of using quick enrollment face?

- If you set the quick enrollment, then it does not need to more time with enroll 3 steps procedures. The registration time is shorter than normal enrollment progress.

Why is FaceLite screen black? Is the quality of current enrollment and quick enrollment on face is the same?

- FaceLite does NOT have a visual camera unlike FaceStation 2.
  It only has the IR camera and that is the reason all images appear as grey color.
- Face Algorithm of the quick enrollment and the normal enrollment are same.

In the slide of working 24 hours or longer(fixed shift), the weekend is Saterday and Sunday. How will it affect the cycle of 4?

- The extended working hours does not get affect to how the cycle is created. It will have no problem.

How many schedules can define with the new license model for TA?

- The number of the schedules from v2.7.6 does not have a limitation.

THANK
YOU!