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System Configuration

This course is to check and learn each configuration steps to use BioStar 2 system proficiently.

Objectives

After completing this course, trainees should be able to:

- Know the proper way to configure the system
- Know the feature specification and their coverage
- Deploy the system and avoid configuration mistakes and errors

Target Audience

First time BioStar 2 users and installers

Topics

- General
- User
- Device
- Door
- AC
- Zone
- Report
- TA
- Monitoring
- Video
- Mobile App
- Setting
- Integration
- Visitor

General

- BioStar 2 Installation
- How to Install BioStar 2 with Maria DB

- How to Install BioStar 2 with MSSQL
- How to Connect to the Web Client
- How to configure HTTP or HTTPS protocol
- How to Activate Biostar 2 License
- How to Configure Hexadecimal Card Key
- How to Manually Manage Server & Device HashKey
- How to Configure BioStar 2 Server Ports
- How to configure Daylight Saving Time
- Available to login with ID or Login ID
- How to import & export User & Log between BioStar 2 and Suprema reader using USB memory
- BioStar 1.x to BioStar 2.x Migration Tool
- Can't Keep the Custom Language Resource File of BioStar 2 Upgrade Progress
- Supporting Automatic backup function for 'setting.conf' file
- Supports Windows Authentication for MS SQL Database Server Connections

User

- How to enroll users
- How to Enroll the CSN and Wiegand cards
- How to issue smart cards
- How to Configure a Custom Level
- How to Configure a Custom Level(Example for 2.6.3)
- Understanding Wiegand output per authentication mode
- How to configure a private authentication mode
- Fingerprint Enrollment on the Slave device
- How to use Alphanumeric IDs
- How to export and import users
- How to Create Custom User Fields
- How to delete users in device through BioStar 2
- Allowed Additional Symbols (-, _) in the User's Email Account Field
- Issuing Suprema Mobile Access Cards via BioStar 2 User CSV Import
- How to Enroll Visual Face Credential
- Supports Batch Registration of Visual Face Using CSV Import
- Support New Export/Import User Information
- How To Issue BioStar 2 QR
- How To Use Third party QR
- Enter and Modify PIN When Using User CSV Import
- Fixed Constraint That Wiegand Card ID Cannot Start with 0
- Added Error_Description Column to User List File (User_Import_Error) That Failed CSV Import
- Added Hide Face Credential Preview Image Option
- Improved Image Extraction for Visual Face Credentials
- Supports Visual Face Migration
- Supports user information partial update: BioStation 3 v1.0.0
- Simplified visual mobile face enrollment process
- Supports visual face import : Enroll Visual face when the file name of the image matches the user ID
- Supports user information partial update_BioStation 3 Firmware version 1.0.0 and above

Device

- How to add devices

- How to configure CoreStation
- How to configure CoreStation with an external wiegand device
- How to synchronize devices with the server
- How to sync user data enrolled/edited from the device
- How to Configure DM-20
- How to control authentication result with a third party controller
- How to Configure Group Matching
- How to configure Wiegand Output
- How to Configure a Device Administrator
- How to batch upgrade devices
- How to batch edit devices
- How to configure Secure Communication between Device and Server (TLS/SSL)
- How to register an enrollment device
- How to Configure SIP Authentication ID
- How to Configure XPass D2
- How to configure an action for duress authentication event
- How to configure One Device(Legacy) Mode
- How to configure Secure Tamper
- Simultaneous use of Wiegand In & Out
- How to keep network settings during factory default
- How to Configure D2 Keypad
- Manage users in Device Overview
- How to use custom input event name
- How to configure Wiegand authentication result as User ID
- Input(Event Name Change) triggers Alert Sound action
- Duplication Check of Fingerprint / Face / Visual Face for User Registration Process
- Supports options for selection by card type
- Anti-Tailgating At Doors With Input Signals
- Adding Administrators Using Batch Edit of Devices
- Increase the Number of Administrators That Can Be Added per Devices
- 14 Subjects of CoreStation FAQ
- Improved Trigger & Actions to Be Able to Use the Output Port of the BioStation 2
- How to Use Thermal Function with FaceStation F2
- Intelligent Slave Support
- Supports Setting the Byte Order for Smart Cards
- Allows Connecting X-Station 2 as a Slave Device of CoreStation
- Added the Use QR as Card Option
- Changing the Device Text Message (English)
- Changing the Device Language (Custom)
- Improved Face Detection Setting

Door

- How to add and configure doors
- Improvements upon Event Logs Regarding Door Open

Access Control

- How to make access groups
- The number of access group and access level

- Unlimited Access Level and Access Group Supported
- Unlimited Floor Level Supported

Zone

- How to configure an Anti-Passback (APB) Zone?
- How to configure Fire Alarm Zone?
- How to configure a Scheduled Lock/Unlock Zone
- How to Configure an Alarm Zone
- How to Configure an Interlock Zone
- How to Configure a Muster Zone
- How to reset APB by user
- Improved the Scheduled Unlock Zone Function to Support Elevator
- APB zone based on the door status(Door sensor)
- How To Configure an Occupancy Limit Zone

Report

- How to Generate Access Control (AC) Report

Time Attendance

- How BioStar 2 T&A works
- How to Configure a T&A Device
- How to create T&A settings for organizations with fixed shift
- How to create T&A settings for organizations with flexible shift
- How to create T&A settings for organizations with floating shift
- How to Configure a T&A Schedule to Calculate or Ignore Break Time
- How to edit the report
- How to assign temporary schedule to an employee
- What is [Day Start Time] and how does it work?
- How to calculate exact worktime/breaktime for devices without T&A key?
- BioStar 2 T&A Case Study
- How to select weekend days
- How to configure meal deduction option
- Sample T&A shift setting for working more than 24 hours
- 'First in & Last out' or 'All In/Out Punches' Options in the Individual Report
- Supports the Sorting for Entire Data in the T&A Report
- Support the Custom User Field in the T&A Report
- Improved the Custom Level for T&A Management
- Improvement to Allow Users With General User Permissions to Update Own TA Reports
- Supports Wiegand Devices as a TA management Device
- Supports Deleting Time & Attendance Punch Logs after a Certain Period

Monitoring

- How to use monitoring
- How to add a TNA key field in the event log of Monitoring
- Page navigation and search condition
- Door field displayed in the Event Log

- How to activate Graphic map and how to configure it
- How to distinguish whether the user is enrolled from device or server
- User group sorting and user ID sorting are available in <Muster Status>
- Stabilization of the Thermal Camera Function and Changed Temperature Column for Event Logs and Real-Time Logs
- Improved door open logs

Video

- How to use video
- How to configure live video view

Mobile App

- How to configure Cloud and Mobile App
- How to enroll a new user via Mobile App
- How to enroll fingerprints through BioMini via Mobile app
- How to receive a push alarm from mobile app
- How to control a door and use monitoring on mobile App
- How to use Suprema Device Manager App
- How to Use Custom Smart Card Layout on Suprema Device Manager App
- How to Use Mobile Enrollment with Visual Face

Setting

- How to Configure Alerts
- How to use Audit Trail
- How to configure Trigger and Action on Setting
- How to send Email when a device is disconnected
- How to configure an alert pop-up message when a device is disconnected
- How to use server matching
- How to configure Custom Admin about Monitoring section
- How to delete personal information when issuing Access on card
- How to delete logs periodically (System Log Level configuration)
- How to enable DESFire EV1 Advanced Option
- How to enable user group synchronization in Active Directory
- BioStar 2 user ID can be mapped to several different fields in Active Directory
- User ID sorting depending on the user ID type setting in the server
- Enhanced Security Settings
- 'Specific Devices (Only Devices Belonging to the Access Group)' Option
- Improved 'Alert List' and 'Alarm Monitor' features
- Image Log Storage Path and Auto Saving
- Enhancement in Suprema Mobile Access Usage in 2.7.14
- How to Use Suprema Mobile Access
- Zone in the Admin Item Settings of the custom level
- Supports Dynamic Site Configuration
- Support to Log in to Biostar 2 with Active Directory Account
- How to Configure SMTP and Test the Recipient Address
- How to Use the 'Backup & Restore' Feature with BioStar 2
- How to Setup Custom Smart Card Layout

Integration Solution

- How to utilize BioStar 2 integrating with Milestone

Visitor

- How To Set Up Self-Registration Page
- How To Search Registered Visitor Fingerprint

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