Ruta de actualización de versiones:

Current Version	Upgrade Path
2	2.2.1 > 2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.2 2.2.1 2.2.2	2.3 > 2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.3	2.4 > 2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.4	2.4.1 > 2.5.0 > 2.6.4 > Latest Version
2.5 2.6	2.6.4 > Latest Version
2.6.4 or higher	Latest Version

BioStar 2.9.3

New and improved features

Category	Functionality
General	- Added REPORT feature related to access control events - Updated German, French, Romanian, Russian, Polish, Czech, Greek, and Italian resource files
Device	- Supports keypad Backlight of XPass D2 - Supports QR code authentication in BioStation 3
Setting	- Added CARD PRINTER feature - Added SYSTEM BACKUP and RESTORE feature - Stabilization of 'Specific Devices' Automatic User Synchronization option

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.1 or later

- BioStation A2: 1.9.1 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.7.1 or later

- FaceStation 2: 1.5.3 or later

- CoreStation: 1.6.1 or later

- BioEntry P2: 1.4.4 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.5.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.7.1 or later

- FaceLite: 1.3.4 or later

- XPass 2: 1.3.2 or later

- FaceStation F2: 2.1.3 or later

- X-Station 2: 1.2.2 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

- BioStation 3: 1.1.0 or later

BioStar 2.9.2

New and improved features

Category	Functionality
Setting	- Improved security of login password vulnerabilities for brute-force attack

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.1 or later

- BioStation A2: 1.9.1 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.7.1 or later

- FaceStation 2: 1.5.3 or later

- CoreStation: 1.5.3 or later

- BioEntry P2: 1.4.4 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.5.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.7.0 or later

- FaceLite: 1.3.4 or later

- XPass 2: 1.3.2 or later

- FaceStation F2: 2.1.2 or later

- X-Station 2: 1.2.0 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

- BioStation 3: 1.0.2 or later

BioStar 2.9.1

New and improved features

Category	Functionality
General	- Adopted Improved Visual Face Algorithm
User	- Added Visual Face Import - Added Visual Face Migration - Added User Configuration Partial Update
Device	- Supports BioStation 3 (BS3-DB, BS3-APWB) - When a sync error occurs because of exceeding the maximum number of users or credentials in the device, the error message explains the reason for the sync error.

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.1 or later

- BioStation A2: 1.9.1 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.7.1 or later

- FaceStation 2: 1.5.3 or later

- CoreStation: 1.5.3 or later

- BioEntry P2: 1.4.4 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.5.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.7.0 or later

- FaceLite: 1.3.4 or later

- XPass 2: 1.3.2 or later

- FaceStation F2: 2.1.2 or later

- X-Station 2: 1.2.0 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

- BioStation 3: 1.0.2 or later

BioStar 2.9.0

New and improved features

Category

Functionality

General

- Adopted Improved Visual Face Algorithm

User

- Added Visual Face Import
- Added Visual Face Migration
- Added User Configuration Partial Update

Device

- Supports BioStation 3 (BS3-DB, BS3-APWB)
- When a sync error occurs because of exceeding the maximum number of users or credentials in the device, the error message explains the reason for the sync error.

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.10.1 or later
- BioStation A2: 1.9.1 or later
- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.7.0 or later

- FaceStation 2: 1.5.2 or later

- CoreStation: 1.5.2 or later

- BioEntry P2: 1.4.3 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.5.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.6.0 or later

- FaceLite: 1.3.2 or later

- XPass 2: 1.3.1 or later

- FaceStation F2: 2.0.3 or later

- X-Station 2: 1.1.3 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

BioStar 2.8.17

New and improved features

Category

Functionality

Time & Attendance

- Supports setting the storage period of punch logs
- Improved security vulnerabilities

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.10.1 or later
- BioStation A2: 1.9.1 or later
- BioStation L2: 1.6.1 or later
- BioEntry W2: 1.6.3 or later
- FaceStation 2: 1.5.1 or later
- CoreStation: 1.5.2 or later
- BioEntry P2: 1.4.3 or later
- BioEntry R2: 1.4.1 or later
- BioLite N2: 1.4.1 or later
- XPass D2: 1.3.2 or later
- XPass D2 (Rev 2): 1.6.0 or later
- FaceLite: 1.3.2 or later
- XPass 2: 1.2.4 or later
- FaceStation F2: 2.0.3 or later
- X-Station 2: 1.1.3 or later
- OM-120: 1.2.1 or later
- Secure I/O 2: 1.3.1 or later
- DM-20: 1.2.2 or later
- IM-120: 1.0.0 or later

BioStar 2.8.16

New and improved features

Category

Functionality

General

- Added visual face to the dashboard

- Added setting.config file initialization logic

- Added procedure to accept to collection and use of the privacy when using cloud

- Updated German and French resource files

User

- Improved the visual face mobile enrollment usability

- Improved the user interface of Visual Face Mobile Enrollment page

- Added footer to email sending the visual face mobile enrollment link

- Added Error_Description column to user list file that failed CSV import

- Added Hide Face Credential Preview Image option

- Added the Use QR as card option

Device

- Improved USB Device Agent security vulnerabilities

- Supports setting the byte order for smart cards

- Allows connecting X-Station 2 as a slave device of CoreStation

Door

- Added relay deactivation option for exit button input

- Added 'All Devices' option to dual authentication setting to door

Zone

- Improved occupancy limit zone monitoring page

Monitoring

- Separated the log related to door unlock

- Door Unlocked (Exit Button)

- Door Unlocked (By Operator)

Video

- Improved security vulnerabilities

Setting

- Added option to delete unassigned card

- Support to log in to BioStar 2 with Active Directory account

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.1 or later

- BioStation A2: 1.9.1 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.6.3 or later

- FaceStation 2: 1.5.1 or later

- CoreStation: 1.5.2 or later

- BioEntry P2: 1.4.3 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.4.1 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.6.0 or later

- FaceLite: 1.3.2 or later

- XPass 2: 1.2.4 or later

- FaceStation F2: 1.1.4 or later

- X-Station 2: 1.1.3 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

BioStar 2.8.15

New and improved features

Category

Functionality

General

- Applied Log4j 2 v2.17.1

Setting

- Stabilization of features for automatic user synchronization

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.0 or later

- BioStation A2: 1.9.0 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.6.3 or later

- FaceStation 2: 1.5.1 or later

- CoreStation: 1.5.2 or later

- BioEntry P2: 1.4.3 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.4.1 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.5.0 or later

- FaceLite: 1.3.1 or later

- XPass 2: 1.2.4 or later

- FaceStation F2: 1.1.2 or later

- X-Station 2: 1.1.2 or later

- OM-120: 1.2.1 or later

- Secure I/O 2: 1.3.1 or later

- DM-20: 1.2.2 or later

- IM-120: 1.0.0 or later

BioStar 2.8.14

New and improved features

Category

Functionality

General

- Supports OpenJDK

- Applied Log4j 2 v2.16.0

- Improved security vulnerabilities

- Updated APIs in Swagger

- Improved the server performance

- Improved the performance of processing data on the database

- 26 bit Wiegand card option support for BioStar 1.x to BioStar 2.x Migration Tool

User

- Supports PIN enrollment via CSV Import

Device

- Supports Input Module (IM-120)

- Supports 1:N security level setting for CoreStation

- Improved the speed of connecting devices

Door

- Changed the default value of held open setting

Access Control

- Improved the speed of linking access groups

Monitoring

- Improved event log processing performance

- Improved the speed of accessing the monitoring menu

Setting

- Stabilization of features for automatic user synchronization

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.0 or later

- BioStation A2: 1.9.0 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.6.3 or later

- FaceStation 2: 1.5.0 or later

- CoreStation: 1.5.2 or later

- BioEntry P2: 1.4.2 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.4.1 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.5.0 or later

- FaceLite: 1.3.0 or later

- XPass 2: 1.2.4 or later

- FaceStation F2: 1.1.2 or later

- X-Station 2: 1.1.0 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.1 or later

- IM-120: 1.0.0 or later

BioStar 2.8.13

New and improved features

Category

Functionality

Time & Attendance

- Created the T&A report inquiry API

- Supports private SSL certificates with a passphrase

- Changed the TLS default version to 1.2

- Updated T&A APIs in Swagger

- Improved of the T&A report inquiry performance

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.10.0 or later

- BioStation A2: 1.9.0 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.6.3 or later

- FaceStation 2: 1.5.0 or later

- CoreStation: 1.5.1 or later

- BioEntry P2: 1.4.1 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.4.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.5.0 or later

- FaceLite: 1.3.0 or later

- XPass 2: 1.2.3 or later

- FaceStation F2: 1.1.1 or later

- X-Station 2: 1.1.0 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.1 or later

BioStar 2.8.12

New and improved features

Category

Functionality

Device

▪ Supports X-Station 2 Fingerprint model (XS2-ODPB, XS2-OAPB)

Compatible firmware

▪ BioLite Net: 2.3.5 or later

▪ BioEntry Plus: 2.3.4 or later

▪ BioEntry W: 2.3.4 or later

▪ Xpass: 2.4.4 or later

▪ Xpass S2: 2.4.4 or later

▪ BioStation 2: 1.10.0 or later

▪ BioStation A2: 1.9.0 or later

▪ BioStation L2: 1.6.1 or later

▪ BioEntry W2: 1.6.3 or later

▪ FaceStation 2: 1.5.0 or later

- CoreStation: 1.5.1 or later

- BioEntry P2: 1.4.1 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.4.0 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.5.0 or later

- FaceLite: 1.3.0 or later

- XPass 2: 1.2.3 or later

- FaceStation F2: 1.1.1 or later

- X-Station 2: 1.0.3 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.1 or later

BioStar 2.8.11

New and improved features

Category

Functionality

General

- Updated APIs in Swagger

- Updated a Japanese resource file

User

- Supports a new credential

- QR/Barcode

Device

- Supports X-Station 2 (XS2-QDPB, XS2-QAPB, XS2-DPB, XS2-APB)

Zone

- Supports Occupancy Limit Zone

Setting

- Separated email settings of both Visual Face Mobile Enrollment and QR

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.9.0 or later

- BioStation A2: 1.8.0 or later

- BioStation L2: 1.6.1 or later

- BioEntry W2: 1.6.3 or later

- FaceStation 2: 1.4.2 or later

- CoreStation: 1.5.1 or later

- BioEntry P2: 1.4.1 or later

- BioEntry R2: 1.4.1 or later

- BioLite N2: 1.3.2 or later

- XPass D2: 1.3.2 or later

- XPass D2 (Rev 2): 1.5.0 or later

- FaceLite: 1.2.0 or later

- XPass 2: 1.2.3 or later

- FaceStation F2: 1.0.5 or later

- X-Station 2: 1.0.1 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.1 or later

BioStar 2.8.10

New and improved features

Category

Functionality

General

- Supplementation of New Local API

- Updated a German resource file

User

- Supports a drag & drop method when registering Visual Face with 'Upload Image'

- Provides guidance on success or failure of Visual Face Mobile Enrollment

- Supports new Date File Export/Import

Device

- Added minimum threshold temperature setting function on the thermal camera
- Supports Intelligent Slave
- Screen saver option support for FaceStation 2, FaceStation F2

Setting

- Improved Email Settings

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.9.0 or later
- BioStation A2: 1.8.0 or later
- BioStation L2: 1.6.0 or later
- BioEntry W2: 1.6.2 or later
- FaceStation 2: 1.4.0 or later
- CoreStation: 1.4.1 or later
- BioEntry P2: 1.4.0 or later
- BioEntry R2: 1.4.0 or later
- BioLite N2: 1.3.2 or later
- XPass D2: 1.3.1 or later
- XPass D2 (Rev 2): 1.4.2 or later
- FaceLite: 1.2.0 or later
- XPass 2: 1.2.2 or later

- FaceStation F2: 1.0.2 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.9

New and improved features

Category

Functionality

General

- Updated some language resource files

User

- Displays user information on the Mobile Access Cards

- Provides a guide on the screen when registering Visual Face on the mobile device

Time & Attendance

- Improves server synchronization structure

Setting

- Stabilization of features for Mobile Access

- Supports Dynamic site

- Improves a user interface

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.9.0 or later

- BioStation A2: 1.8.0 or later

- BioStation L2: 1.6.0 or later

- BioEntry W2: 1.6.1 or later

- FaceStation 2: 1.4.0 or later

- CoreStation: 1.4.1 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.2 or later

- XPass D2: 1.3.1 or later

- XPass D2 (Rev 2): 1.4.2 or later

- FaceLite: 1.2.0 or later

- XPass 2: 1.2.2 or later

- FaceStation F2: 1.0.1 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.8

New and improved features

Category

Functionality

General

- BioStar 2 performance improvements
- Supplementation of New Local API

User

- Supports batch registration of Visual Face using CSV import

Device

- Stabilization of features for thermal camera

Monitoring

- Supports thermal report

Time & Attendance

- Fixed bugs of some features in the TIME ATTENDANCE menu

Setting

- Email contents improvements
- Stabilization of 'Specific Devices' Automatic User Synchronization option

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.9.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.6.0 or later

- BioEntry W2: 1.6.0 or later

- FaceStation 2: 1.4.0 or later

- CoreStation: 1.4.1 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.2 or later

- XPass D2: 1.3.1 or later

- XPass D2 (Rev 2): 1.4.2 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.2 or later

- FaceStation F2: 1.0.0 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.6

New and improved features

Category

Functionality

Device

- Supports server matching on FaceStation 2

- Supports thermal camera on face authentication devices

- Support FaceStation F2

- Support BioEntry W2 (Rev 2)

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.6.0 or later

- BioEntry W2: 1.5.0 or later

- FaceStation 2: 1.3.1 or later

- CoreStation: 1.4.0 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.1 or later

- XPass D2: 1.3.1 or later

- XPass D2 (Rev 2): 1.4.1 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.1 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.5

New and improved features

Category

Functionality

Time & Attendance

- Supports Wiegand devices

- Improved the Individual Report usability

- Supports users to update TA reports

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.6.0 or later

- BioEntry W2: 1.5.0 or later

- FaceStation 2: 1.3.1 or later

- CoreStation: 1.4.0 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.1 or later

- XPass D2: 1.3.1 or later

- XPass D2 (Rev 2): 1.4.1 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.1 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.4

New and improved features

Category

Functionality

General

- Supplementation of New Local API

- Improvement of backup and recovery logic for Web-App, CGI server system.conf

- Exclusion of TLS V1.1 for improved security

- Improved Thrift communication logic log

- Improved security vulnerabilities on Redis

User

- Improved the logic for issuing mobile access cards

- Improved the logic for issuing mobile access cards using the CSV

Setting

- Stabilization of features for mobile access cards

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.5.1 or later

- BioEntry W2: 1.5.0 or later

- FaceStation 2: 1.3.1 or later

- CoreStation: 1.4.0 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.1 or later

- XPass D2: 1.3.1 or later

- XPass D2 (Rev 2): 1.4.1 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.1 or later

- OM-120: 1.2.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.3

New and improved features

Category

Functionality

General

- Updated language resource files

Device

- Supports FaceStation 2 and FaceLite as a slave of CoreStation

- Supports Mobile Access on BioLite N2

Elevator

- Improved the scheduled unlock zone function to support elevator

Setting

- Supports Zone in the Admin Item Settings of the custom level

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.5.1 or later

- BioEntry W2: 1.4.1 or later

- FaceStation 2: 1.3.1 or later

- CoreStation: 1.4.0 or later

- BioEntry P2: 1.4.0 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.3.0 or later

- XPass D2: 1.3.0 or later

- XPass D2 (Rev 2): 1.4.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.1 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.3.0 or later

- DM-20: 1.2.0 or later

BioStar 2.8.2

New and improved features

Category

Functionality

General

- Fixed local file inclusion (LFI) vulnerability

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.5.1 or later

- BioEntry W2: 1.4.1 or later

- FaceStation 2: 1.3.1 or later

- CoreStation: 1.3.1 or later

- BioEntry P2: 1.3.1 or later

- BioEntry R2: 1.4.0 or later

- BioLite N2: 1.2.0 or later

- XPass D2: 1.3.0 or later

- XPass D2 (Rev 2): 1.4.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.2.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.8.1

New and improved features

Category

Functionality

General

- Supports MS SQL Server 2019

Time & Attendance

- Move the 'In/Out Only and 'All Punches' options in the Individual Report

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.8.0 or later
- BioStation A2: 1.7.1 or later
- BioStation L2: 1.5.1 or later
- BioEntry W2: 1.4.1 or later
- FaceStation 2: 1.3.1 or later
- CoreStation: 1.3.1 or later
- BioEntry P2: 1.3.1 or later
- BioEntry R2: 1.4.0 or later
- BioLite N2: 1.2.0 or later
- XPass D2: 1.3.0 or later
- XPass D2 (Rev 2): 1.4.0 or later
- FaceLite: 1.1.0 or later
- XPass 2: 1.2.0 or later
- OM-120: 1.1.0 or later
- Secure I/O 2: 1.2.4 or later
- DM-20: 1.1.5 or later

BioStar 2.8.0

New and improved features

Category

Functionality

General

- DB encryption to enhance security on personal information

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.8.0 or later
- BioStation A2: 1.7.1 or later
- BioStation L2: 1.5.1 or later
- BioEntry W2: 1.4.1 or later
- FaceStation 2: 1.3.0 or later
- CoreStation: 1.3.1 or later
- BioEntry P2: 1.3.1 or later
- BioEntry R2: 1.3.1 or later

- BioLite N2: 1.2.0 or later

- XPass D2: 1.2.0 or later

- XPass D2 (Rev 2): 1.4.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.7.14

New and improved features

Category

Functionality

General

- Supports Windows Authentication for MS SQL database server connections

- Supports MS SQL Server 2017

- Added the Floor Control API to BioStar 2 API Documents

Device

- Support XPass D2(Rev 2)

Setting

- Enhancement in Mobile Access usage

- Stabilization of 'Specific Devices' Automatic User Synchronization option

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.1 or later

- BioStation L2: 1.5.1 or later

- BioEntry W2: 1.4.1 or later

- FaceStation 2: 1.3.0 or later

- CoreStation: 1.3.1 or later

- BioEntry P2: 1.3.1 or later

- BioEntry R2: 1.3.1 or later

- BioLite N2: 1.2.0 or later

- XPass D2: 1.2.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.7.12

New and improved features

Category

Functionality

Time & Attendance

- Support to generate TA reports simultaneously on multiple clients

Setting

- Added the new Suprema Mobile Access

- Stabilized 'Specific Devices' Automatic User Synchronization option

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.0 or later

- BioStation L2: 1.5.1 or later

- BioEntry W2: 1.4.1 or later

- FaceStation 2: 1.3.0 or later

- CoreStation: 1.3.1 or later

- BioEntry P2: 1.3.1 or later

- BioEntry R2: 1.3.1 or later

- BioLite N2: 1.2.0 or later

- XPass D2: 1.2.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.7.11

New and improved features

Category

Functionality

General

- Improved dashboard usability

User

- Added User IP item to User Information

Device

▪ Supports the alert sound for 'Input(Event Name Change)' in the <Trigger & Action>

Monitoring

▪ Supports the sorting of lists for the User ID and User Group column of the <Muster Status> page

Setting

▪ Enhances the system security

▪ Added 'Specific Devices(Only devices belonging to the access group)' option to <Automatic User Synchronization>

Compatible firmware

▪ BioLite Net: 2.3.5 or later

▪ BioEntry Plus: 2.3.4 or later

▪ BioEntry W: 2.3.4 or later

▪ Xpass: 2.4.4 or later

▪ Xpass S2: 2.4.4 or later

▪ BioStation 2: 1.8.0 or later

▪ BioStation A2: 1.7.0 or later

▪ BioStation L2: 1.5.1 or later

▪ BioEntry W2: 1.4.1 or later

▪ FaceStation 2: 1.3.0 or later

▪ CoreStation: 1.3.0 or later

▪ BioEntry P2: 1.3.1 or later

▪ BioEntry R2: 1.3.1 or later

▪ BioLite N2: 1.2.0 or later

▪ XPass D2: 1.2.0 or later

▪ FaceLite: 1.1.0 or later

▪ XPass 2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.7.10

New and improved features

Category

Functionality

Device

- Support FaceLite

- Support XPass 2

Time & Attendance

- Improve the Custom Level

- Support to use the custom user field in the T&A report

- Supports the sorting for entire data in the T&A report

- Added option to select 'First in & Last Out' or 'All in/Out Punches' to search conditions of the individual report

Visitor

- Support to the USB fingerprint scanner connection (BioMini, BioMini Plus, BioMini Plus 2)

Setting

- Update the resource files of Japanese, Arabic, and Spanish

- Add Automatic backup function for Setting.conf file

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.8.0 or later

- BioStation A2: 1.7.0 or later

- BioStation L2: 1.5.0 or later

- BioEntry W2: 1.4.0 or later

- FaceStation 2: 1.3.0 or later

- CoreStation: 1.3.0 or later

- BioEntry P2: 1.3.0 or later

- BioEntry R2: 1.3.0 or later

- BioLite N2: 1.2.0 or later

- XPass D2: 1.2.0 or later

- FaceLite: 1.1.0 or later

- XPass 2: 1.0.1 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.5 or later

BioStar 2.7.8

New and improved features

Category

Functionality

Device

- Supports multiple use function of controllers in CoreStation

- Supports options for selection by card type

- Supports the fingerprint/face duplicate check

- Supports Anti-Tailgating

- Supports setting options for Wiegand authentication result output

Door

- Supports Anti-Tailgating

Visitor

- Supports to search option for visitors using fingerprints

Setting

- Supports user group synchronization in Active Directory

- Supports Anti-Tailgating

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.1 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.5.0 or later

- BioEntry W2: 1.4.0 or later

- FaceStation 2: 1.2.1 or later

- CoreStation: 1.3.0 or later

- BioEntry P2: 1.3.0 or later

- BioEntry R2: 1.3.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.2.0 or later

- FaceLite: 1.0.0 or later

- XPass 2: 1.0.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.7

New and improved features

Category

Functionality

General

- Change the license policy

Visitor

- Add the VISITOR menu

Setting

- Add the settings for visitor management

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.1 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.1 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.6

New and improved features

Category

Functionality

General

- Add BioStar 1.x to BioStar 2.x Migration Tool

Monitoring

- Support to the Clear APB for each user

Setting

- Add the event items to IMAGE LOG menu

- Add the encryption option to Active Directory menu

- Supports that the administrator can change the port 9000 in FastCGI of Port menu

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.1 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.1 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.5

New and improved features

Category

Functionality

User

- Support to the list sorting for group and status column

Device

- Support to the list sorting for RS-485 column
- Remove the unsupported AoC events
- Added an Ambient Brightness option to the FaceStation 2 slave device

Door

- Support to the list sorting for group column

Video

- Remove the unsupported AoC events

Setting

- Add the Active Directory menu
- Supports that the administrator can change the port 9000 in setting.conf
- Remove the unsupported AoC events

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.1 or later
- BioStation A2: 1.6.0 or later
- BioStation L2: 1.4.0 or later
- BioEntry W2: 1.3.0 or later
- FaceStation 2: 1.2.1 or later
- CoreStation: 1.2.0 or later
- BioEntry P2: 1.2.0 or later
- BioEntry R2: 1.2.0 or later
- BioLite N2: 1.1.0 or later
- XPass D2: 1.1.0 or later
- OM-120: 1.1.0 or later
- Secure I/O 2: 1.2.4 or later
- DM-20: 1.1.4 or later

BioStar 2.7.4

New and improved features

Category

Functionality

Device

- Support for Quick Enrollment for FaceStation 2

(FaceStation 2 FW V1.2.2 or later)

Setting

- Limits the use of passwords that contain the same string, consecutive string, and login ID

- Limits reuse of the same password

- Support to Spanish and Arabic

- Expanding the number of custom levels to unlimited

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.1 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.1 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.3

New and improved features

Category

Functionality

Device

- Increase the number of administrators that can be added per device

- Change the way new settings are applied when adding administrators using batch edit of devices

Setting

- Support for reconnection of devices configured as a port forwarding

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.0 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.0 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.2

New and improved features

Category

Functionality

Monitoring

- Support to Live Video View on Graphic Map

- Support to viewing Anti-passback Zone and Fire Alarm Zone on Graphic Map

Time & Attendance

▪ Supports <Allowed a day before/after time> setting for working 24 hours or longer

Setting

▪ Add the Security menu

▪ Change Password Level options

▪ Support to the setting for Maximum Password Age and Maximum Password Change Limit

▪ Support to the setting options for password failures at login

▪ Support to the Storage Path Settings for image logs

Compatible firmware

▪ BioLite Net: 2.3.5 or later

▪ BioEntry Plus: 2.3.4 or later

▪ BioEntry W: 2.3.4 or later

▪ Xpass: 2.4.4 or later

▪ Xpass S2: 2.4.4 or later

▪ BioStation 2: 1.7.0 or later

▪ BioStation A2: 1.6.0 or later

▪ BioStation L2: 1.4.0 or later

▪ BioEntry W2: 1.3.0 or later

▪ FaceStation 2: 1.2.0 or later

▪ CoreStation: 1.2.0 or later

▪ BioEntry P2: 1.2.0 or later

▪ BioEntry R2: 1.2.0 or later

▪ BioLite N2: 1.1.0 or later

▪ XPass D2: 1.1.0 or later

▪ OM-120: 1.1.0 or later

▪ Secure I/O 2: 1.2.4 or later

▪ DM-20: 1.1.4 or later

BioStar 2.7.1

New and improved features

Category

Functionality

Device

- Support to Input(Event Name Change) in Trigger & Action
- Support to the OM-120 Relay time setting value from 1 second

User

- Support for deleting users stored on the device

Monitoring

- Provides the log about whether a user has been updated on the device or the server

Setting

- Supports synchronization of all devices connected to the server when users update the device
- Adds root password verification procedures during installation and upgrade

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.0 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.0 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.7.0

New and improved features

Category

Functionality

Device

▪ Support to the number of users, fingerprints, faces, and cards in Manage Users in Device

Access Control

▪ Support for a larger number of access groups and access groups

Monitoring

▪ Support to Graphic Map

Time & Attendance

▪ Support to Working alarm time report

▪ Improve the process for generating the time card

▪ Support to the separator option in CSV export

▪ Support to Floating shift

▪ Support to Fixed option in Meal deduction and Break Time

▪ Support to Weekend days setting option in Schedule Template

Setting

▪ Support to Custom Account Level in T&A

▪ Support to AES encryption type for DESFire card

▪ Support to DESFire Advanced option

Compatible firmware

▪ BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.4 or later

- BioEntry W: 2.3.4 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.7.0 or later

- BioStation A2: 1.6.0 or later

- BioStation L2: 1.4.0 or later

- BioEntry W2: 1.3.0 or later

- FaceStation 2: 1.2.0 or later

- CoreStation: 1.2.0 or later

- BioEntry P2: 1.2.0 or later

- BioEntry R2: 1.2.0 or later

- BioLite N2: 1.1.0 or later

- XPass D2: 1.1.0 or later

- OM-120: 1.1.0 or later

- Secure I/O 2: 1.2.4 or later

- DM-20: 1.1.4 or later

BioStar 2.6.4

New and improved features

Category

Functionality

Setting

- Support to set the same action for different triggers

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.4 or later
- BioEntry W: 2.3.4 or later
- Xpass: 2.4.4 or later
- Xpass S2: 2.4.4 or later
- BioStation 2: 1.6.2 or later
- BioStation A2: 1.5.1 or later
- BioStation L2: 1.3.2 or later
- BioEntry W2: 1.2.3 or later
- FaceStation 2: 1.1.1 or later
- CoreStation: 1.1.2 or later
- BioEntry P2: 1.1.2 or later
- BioEntry R2: 1.1.1 or later
- BioLite N2: 1.0.2 or later
- XPass D2: 1.0.2 or later
- OM-120: 1.0.0 or later
- Secure I/O 2: 1.2.1 or later
- DM-20: 1.1.2 or later

BioStar 2.6.3

New and improved features

Category

Functionality

Setting

- Support Admin Item Settings when configuring Custom Account Level

Compatible firmware

- BioLite Net: 2.3.5 or later

- BioEntry Plus: 2.3.3 or later

- BioEntry W: 2.3.3 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.6.1 or later

- BioStation A2: 1.5.1 or later

- BioStation L2: 1.3.1 or later

- BioEntry W2: 1.2.1 or later

- FaceStation 2: 1.1.1 or later

- CoreStation: 1.1.1 or later

- BioEntry P2: 1.1.1 or later

- BioEntry R2: 1.1.0 or later

- BioLite N2: 1.0.2 or later

- XPass D2: 1.0.1 or later

- OM-120: 1.0.0 or later

- Secure I/O 2: 1.2.1 or later
- DM-20: 1.1.2 or later

BioStar 2.6.2

New and improved features

Category

Functionality

User

- Support the user information export/import by using the external storage (USB)

Video

- Support the real-time video monitoring

Monitoring

- Support the event log import by using the external storage (USB)

Compatible firmware

- BioLite Net: 2.3.5 or later
- BioEntry Plus: 2.3.3 or later

- BioEntry W: 2.3.3 or later

- Xpass: 2.4.4 or later

- Xpass S2: 2.4.4 or later

- BioStation 2: 1.6.1 or later

- BioStation A2: 1.5.1 or later

- BioStation L2: 1.3.1 or later

- BioEntry W2: 1.2.1 or later

- FaceStation 2: 1.1.1 or later

- CoreStation: 1.1.1 or later

- BioEntry P2: 1.1.1 or later

- BioEntry R2: 1.1.0 or later

- BioLite N2: 1.0.2 or later

- XPass D2: 1.0.1 or later

- OM-120: 1.0.0 or later

- Secure I/O 2: 1.2.1 or later

- DM-20: 1.1.2 or later

BioStar 2.6.0

New and improved features

Category

Functionality

General

- Support the Daylight Saving Time(DST)

- Support the database encryption key management

- Support the system ports setting

- Support the system logs management

- Firmware upgrade notifications supported

- Change the license policy

User & Card

- Support for the auto-Increase User IDs

- Support the iCLASS Seos card setting

- Support the hexadecimal values for the primary and secondary site keys on the smart card

- Wiegand card search supported from the Unassigned card menu

- Support for automatic deletion of user information when issuing an AoC card

- Wiegand Legacy Mode Support

- Blacklist card deletion support

Device

- Support BioLite N2

- Support XPass D2

- Support BioMini Plus 2

- Support the user information and log deletion when a tamper event occurs (secure tamper)

- Device reset excluding network settings

- Wiegand In/Out Support

Zone

- Support the interlock zone

- Support the muster zone

Video

- Support MS SQL for Video log

- Support the video file storage management

Monitoring

- Add door column to event log list

Compatible firmware

- BioLite Net: 2.3.3 or later

- BioEntry Plus: 2.3.3 or later

- BioEntry W: 2.3.3 or later

- Xpass: 2.4.3 or later

- Xpass S2: 2.4.3 or later

- BioStation 2: 1.6.0 or later

- BioStation A2: 1.5.0 or later

- BioStation L2: 1.3.0 or later

- BioEntry W2: 1.2.0 or later

- FaceStation 2: 1.1.0 or later

- CoreStation: 1.1.0 or later

- BioEntry P2: 1.1.0 or later

- BioEntry R2: 1.1.0 or later

- BioLite N2: 1.0.0 or later

- XPass D2: 1.0.0 or later

- OM-120: 1.0.0 or later

- Secure I/O 2: 1.2.1 or later

- DM-20: 1.1.2 or later

BioStar 2.5.0

New and improved features

Category

Functionality

General

- Setting https as the default communication protocol
- Oracle Database not supported

Device

- Supports CoreStation
- Supports BioEntry P2
- Supports BioEntry R2
- Supports the enrollment of a fingerprint from the slave device(BioLite Net does not support this feature)

Zone

- Supports Intrusion Alarm zone (Local)

Monitoring

- Event Log, Real-time Log: T&A Key column added
- Event Log: Supports the period setting
- Supports video log

Video

- Supports NVRs (ACTi, Dahua, Hikvision)

- Supports IP cameras

Setting

- Alert: Network disconnection detection alert added

- Supports Audit Trail

Compatible firmware

- BioLite Net: 2.3.3 or later

- BioEntry Plus: 2.3.3 or later

- BioEntry W: 2.3.3 or later

- Xpass: 2.4.3 or later

- Xpass S2: 2.4.3 or later

- BioStation 2: 1.5.0 or later

- BioStation A2: 1.4.0 or later

- BioStation L2: 1.2.3 or later

- BioEntry W2: 1.1.4 or later

- FaceStation 2: 1.0.3 or later

- CoreStation: 1.0.0 or later

- BioEntry P2: 1.0.0 or later

- BioEntry R2: 1.0.0 or later

BioStar 2.4.1

New and improved features

Category

Functionality

General

- Supports Mobile Card (NFC, BLE)

Device

- Supports FaceStation 2

Time & Attendance

- Enhanced UI/UX

- Merge the time card with T&A report

- Display of daily T&A records

- Time rate setting is excluded from the time code for leave management.

- Break time is displayed on the time slot when fixed work is used.

- It is possible to set the Min. Duration and Punch in Time Limit when flexible work is used.

Setting

- Supports Face Group Matching

Compatible firmware

- BioLite Net: 2.4.0 or later

- BioEntry Plus: 2.4.0 or later

- BioEntry W: 2.4.0 or later

- Xpass: 2.4.1 or later

- Xpass S2: 2.4.0 or later

- BioStation 2: 1.4.0 or later

- BioStation A2: 1.3.0 or later

- BioStation L2: 1.2.2 or later

- BioEntry W2: 1.1.2 or later

- FaceStation 2: 1.0.0 or later

BioStar 2.4.0

New and improved features

Category

Functionality

General

- Supports elevator management

- Supporting Oracle Database 11g, 12c

Device

- Supports OM-120

- Supports card USB device (DUALi DE-620)

- Supports secure communication between BioStar 2 and a device

Time & Attendance

- Supports time & attendance report PDF export

Setting

- Change of detailed custom permission setting

- Supports user ID type setting (numbers/alphanumeric characters)

- Supports dd/mm/yyyy date format

Compatible firmware

- BioLite Net: 2.4.0 or later

- BioEntry Plus: 2.4.0 or later

- BioEntry W: 2.4.0 or later

- Xpass: 2.4.0 or later

- Xpass S2: 2.4.0 or later

- BioStation 2: 1.4.0 or later

- BioStation A2: 1.3.0 or later

- BioStation L2: 1.2.2 or later

- BioEntry W2: 1.1.2 or later

BioStar 2.3.0

New and improved features

Category

Functionality

General

- Supporting a low-resolution monitor
- Improvement in list page move

User

- Improvement importing/exporting CSV files

Device

- Supporting BioStation A2 video phone (SIP based)
- Supporting the batch editing the device manager
- Supporting an additional information display of a device firmware

Door

- Supporting an automatic door setting

Setting

- Supporting Wiegand card's facility code setting
- Supporting the batch editing the Wiegand card data format
- Supporting BioStar 2 alert sound's upload and setting (.wav, .mp3)
- Supporting the custom account level (up to 32)

Compatible firmware

- BioLite Net: 2.3.0 or later
- BioEntry Plus: 2.3.0 or later
- BioEntry W: 2.3.0 or later

- Xpass: 2.3.0 or later
- Xpass S2: 2.3.0 or later
- BioStation 2: 1.3.0 or later
- BioStation A2: 1.2.0 or later
- BioStation L2: 1.1.0 or later
- BioEntry W2: 1.0.0 or later

BioStar 2.2.2

New and improved features

- BioEntry W2 support

Compatible firmware

- BioLite Net: 2.2.3 or later
- BioEntry Plus: 2.2.3 or later
- BioEntry W: 2.2.3 or later
- Xpass: 2.2.3 or later
- Xpass S2: 2.2.3 or later
- BioStation 2: 1.3.0 or later
- BioStation A2: 1.1.0 or later
- BioStation L2: 1.0.0 or later
- BioEntry W2: 1.0.0 or later

BioStar 2.2.1

New and improved features

- BioStation L2 support

- Long-term idle user management

- Access control privilege management per user

- Automatic database backup

- Enrollment device management

- Custom user fields

Compatible firmware

- BioLite Net: 2.2.3 or later

- BioEntry Plus: 2.2.3 or later

- BioEntry W: 2.2.3 or later

- Xpass: 2.2.3 or later

- Xpass S2: 2.2.3 or later

- BioStation 2: 1.3.0 or later

- BioStation A2: 1.1.0 or later

- BioStation L2: 1.0.0 or later

BioStar 2.2.0

New and improved features

- BioStation A2 support
- Access On Card
- Secure Credential Card
- Global Anti-passback zone
- Image Log

Compatible firmware

- BioLite Net: 2.2.3 or later
- BioEntry Plus: 2.2.3 or later
- BioEntry W: 2.2.3 or later
- Xpass: 2.2.3 or later
- Xpass S2: 2.2.3 or later
- BioStation 2: 1.2.0 or later
- BioStation A2: 1.0.0 or later

BioStar 2.1.0

New and improved features

- BioStar API

- DM-20 support

- Global Anti-passback zone / Local Fire Alarm zone / Local Anti-passback zone

- More secure login password

- License management

- BioStar 2 Cloud support

- BioStar 2 Mobile support

- Zone status monitoring

Compatible firmware

- BioLite Net: 2.0.4 or later

- BioEntry Plus: 2.0.4 or later

- BioEntry W: 2.0.4 or later

- Xpass: 2.0.4 or later

- Xpass S2: 2.0.4 or later

- BioStation 2: 1.0.1 or later

BioStar 2.0.1

New and improved features

- BioStation 2 support

- Wireless LAN configuration

- T&A configuration

- Interphone configuration

- Display and sound configuration

- CSV import and export

- Multi-language resource support

- Memory optimization of BioStar 2 server

Compatible firmware

- BioLite Net: 2.0.0 or later

- BioEntry Plus: 2.0.0 or later

- BioEntry W: 2.0.0 or later

- Xpass: 2.0.0 or later

- Xpass S2: 2.0.0 or later