BioStar 1.x
IP Access Control and Time and Attendance Software

BioStar is a comprehensive access control and time and attendance management software featuring TCP/IP-based system architecture with intelligent IP devices and terminals. It supports a wide range of third-party devices and integration with other business systems. It is the optimal solution that results in cost reduction and flexibility in design.

Advanced Access Control

BioStar SE offers key features that allow users to extend the system beyond conventional access control. BioStar SE supports advanced access control zones and a powerful visual map, and lift management for control of up to 120 floors. Camera Integration provides visual log capabilities for a convenient merger of video surveillance and access control.

Zone Management
- Fire alarm, alarm, anti-passback, entrance limit, interlock, muster and access zones
- Controls up to 32 advanced zones
- Customizable alarm settings for each zones
- View event log for selected zones

Device Management
- Configure AC devices & I/O peripherals
- Server matching (Biometric)
- Real-time monitoring of device connection
- Wizard-type device search interface
- Easy firmware upgrade and reset

IP Camera & NVR Integration
- Real-time video monitoring
- Still image capturing
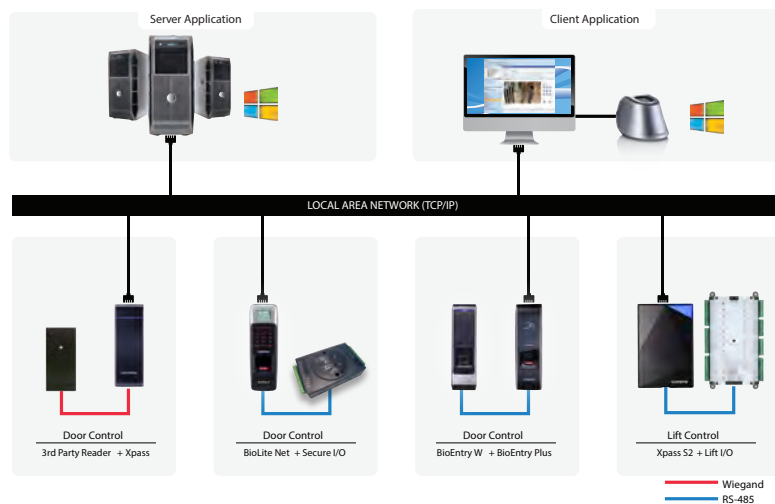- Control of PTZ cameras
- Video log search through NVR

Visual Map Interface
- Graphical representation of the system
- Device/door settings modifications from the map
- Real-time monitoring on the map
- Event notifications in graphic icons
- Monitoring interface for doors and zones

Lift Management
- Control up to 120 floors
- Configurable per floor and user
- Dedicated Lift I/O module support

Time and Attendance features

BioStar SE includes features that allow administrators to define time categories, shifts, daily schedules and zones holidays. BioStar SE can administer employees to comply with check-in and check-out procedures, restrict access to off-duty personnel and generate attendance report. BioStar SE's Time & Attendance features also give administrators the ability to generate a variety of reports.

Work Hour Calculation
- User-defined time category configurations
- Daily working schedule configuration
- Overtime calculation
- Rounding & Grace

Shift, Holiday & Leave Management
- Daily and Weekly cycle scheduling
- Multiple shift rules per user
- Holiday Schedule configurable per group
- Leave schedule configurable per user

Reporting/Monitoring
- Daily/Individual summary and report
- Report by TA result (such as absence or late)
- Work hour displayed by time category
- CSV Export capability
- Real-time monitoring by T&A event

Distributed IP Access Control

BioStar is Suprema's access control system based on IP connectivity and biometric security. Suprema devices work not only as a reader for multiple types of credentials, but also as an intelligent controller removing the need for a traditional controller.

User Management
- Four department levels
- Intuitive user search interface
- Multi-level administrator settings
- Customized authentication mode per user
- Biometric and card credentials

Access Control
- Control up to 128 access groups
- Control up to 128 time schedules
- Up to 32 configurable holidays

Door Management
- Four door group levels
- Control up to 512 doors
- Alarm features for each door

Software editions

BioStar Basic Edition
BioStar 1.x Basic Edition is an ideal solution for small to medium sized enterprises. The software covers up to 20 devices and supports integration with various database systems, event monitoring, T&A management and reporting features.

BioStar Standard Edition
BioStar 1.x Standard Edition offers powerful and comprehensive access control features for full scale applications. Standard Edition controls up to 512 access control devices with IP camera/NVR integration, anti-passback, muster zone, e-mail notification and visual maps.

Server Application — Client Application

LOCAL AREA NETWORK (TCP/IP)

Door Control	Door Control	Door Control	Lift Control
3rd Party Reader + Xpass	BioLite Net + Secure I/O	BioEntry W + BioEntry Plus	Xpass S2 + Lift I/O

— Wiegand
— RS-485

Specifications

		BioStar BE	BioStar SE
System	License	Free	USB Dongle
	System Architecture	Client/Server	Client/Server
	Operating System	Windows	Windows
	DB	MSSQL, MySQL, Oracle	MSSQL, MySQL, Oracle
	Server Matching	N/A	Yes
	Max Device	20	512
	Concurrent Client PC	2	32
Access Control	Time Schedule	128	128
	Access Group/Level	128	128
	Max Access Group per User	4	4
	Door	20	512
	Template on Card	Yes	Yes
	Zone	N/A	APB, Entrance limit, Alarm, Access, Fire alarm, Muster
	Email Notification	N/A	Yes
	Roll Call	N/A	Yes
	Visual Map	N/A	Yes
	Event Monitoring	Yes	Yes
	IP Camera	N/A	Yes
	NVR Integration	N/A	Yes
	Lift Management	N/A	Yes (Up to 120 floors)
Time Attendance	Work time Calculation	Yes	Yes
	Shift Management	Weekly	Daily / Weekly
	Holiday/Leave Management	Yes	Yes
	Report	Yes	Yes
	In/Out Board	N/A	Yes

List of Compatible Devices & Accessories

- FaceStation
- BioEntry W
- Xpass
- BioStation T2
- BioEntry Plus
- BioMini
- BioStation
- X-Station
- SecureI/O
- BioLite Net
- Xpass S2
- Lift I/O

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