

BioStar

IP Access Control Management Software



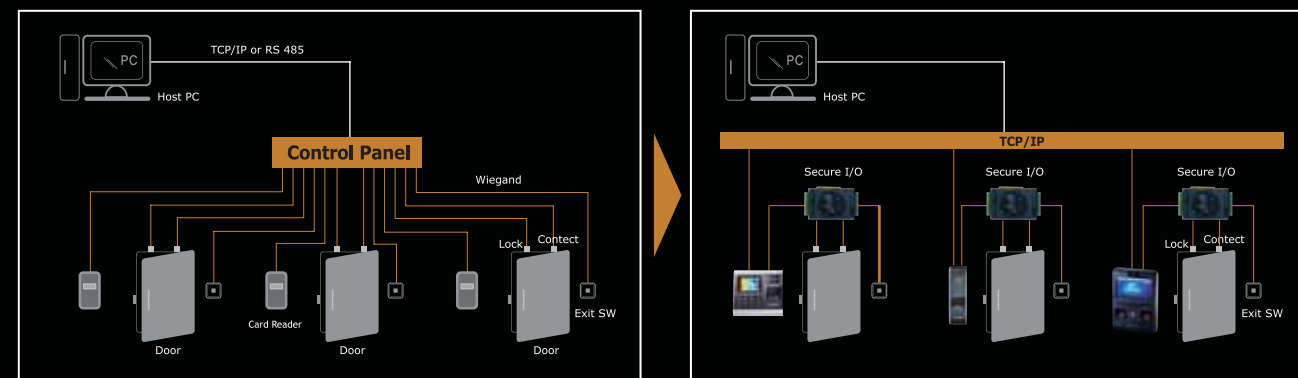
Efficient Access Control Solution with High-level Biometric Security

BioStar is a comprehensive access control management software featuring efficient IP-based system structure based on intelligent IP readers. Designed for Suprema's biometrics and RFID based access control products, BioStar offers easy installation and device setup with intuitive GUI and powerful wizards. It also supports non-Suprema devices to allow extra flexibility and easier integration.

Key Features

- Flexible & expandable IP-based distributed system structure
- Sophisticated multi-biometric technology (face & fingerprint)
- Comprehensive & customizable access control & time attendance features
- Intuitive GUI & set-up wizards
- Easy integration with 3rd party devices

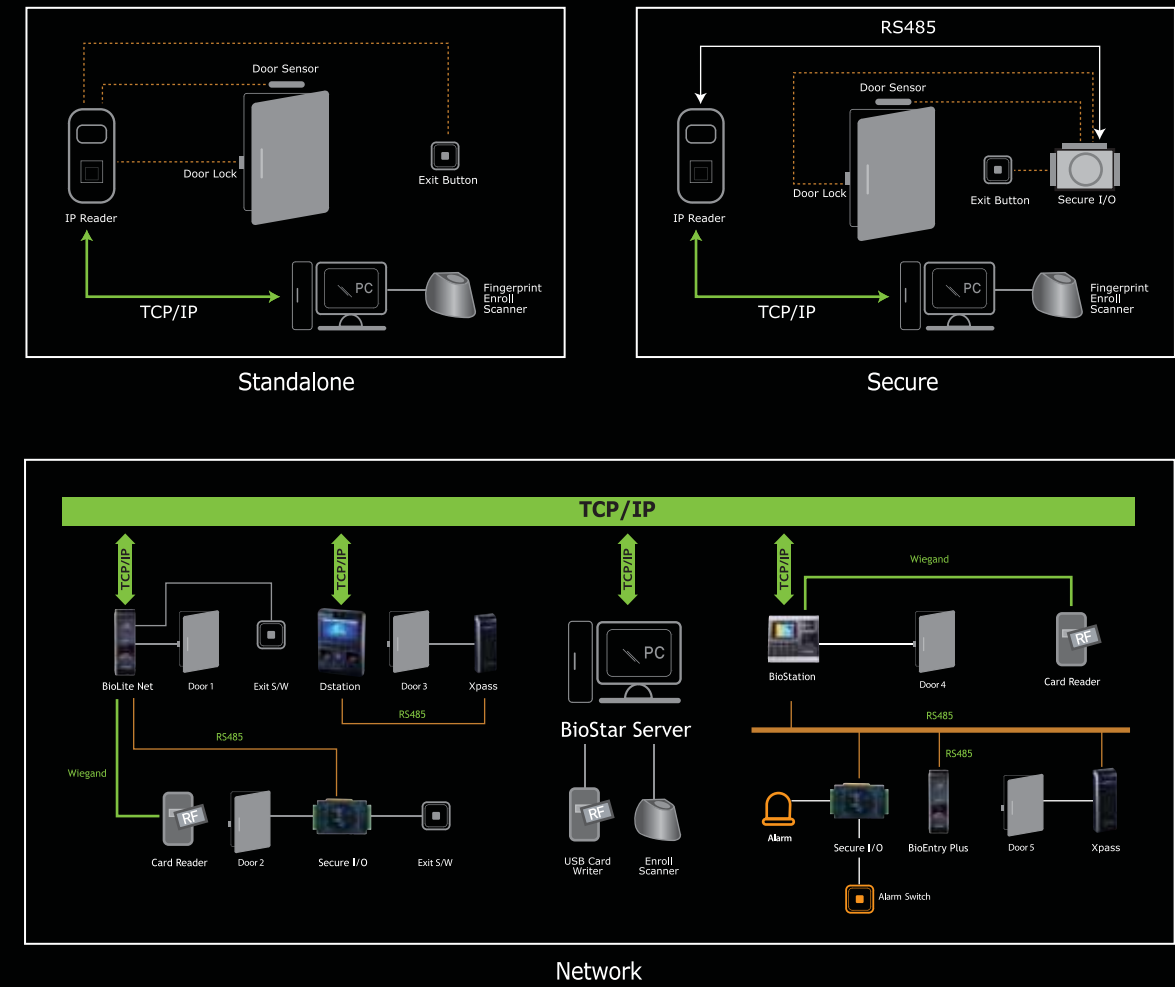
Advantages of IP Access Control System



- Lower per-door-cost**
Elimination of control panels
- Lower installation & maintenance cost**
Less wiring
- Scalability**
No wasted capacity of control panels
- Stability**
No single point of failure affecting whole systems

- Leverage**
Utilizing existing network infrastructure
- Power over Ethernet (PoE)**
Extra efficiency in powering locks and minor devices.

System Configurations



System Specifications

Feature	BioStar (Free S/W)	BioStar SE (Standard Edition)
License	Free	USB dongle
DB	MSDE, MSSQL, MySQL, Oracle	MSDE, MSSQL, MySQL, Oracle
System		
Server Matching	N/A	YES
Max. Devices	20	512
Concurrent Client PC	2	32
Time Schedules	128	128
Access Groups	128	128
Anti-passback	N/A	YES
Access Control		
Zone	N/A	APB, Entrance Limit, Alarm, Access, Fire Alarm, Muster Zone
Email Notification	N/A	YES
Roll Call	N/A	YES
Visual Map	N/A	YES
Event Monitoring	YES	YES
Work Time Calculation	YES	YES
Time Attendance		
Shift Management	Weekly only	Daily / Weekly
Holiday/Leave Management	YES	YES
Report	YES	YES
In/Out Board	N/A	YES

IP Access Control

The BioStar system goes a step beyond conventional access control systems, by combining unique biometric identification with configurable access card capabilities. With its intuitive easy-to-use GUI and wizard type settings, BioStar provides comprehensive access control security for enterprise-level systems to small-to-medium sized systems.



User Management

BioStar offers comprehensive user management and synchronization features with its sub-devices.

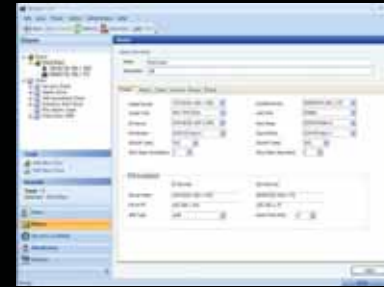
- Supports 4-level departments
- User search interface
- Multi-level administrator settings
- Customized authentication mode by user
- Records user card issuance log



Access Control

Administrators can build custom access groups by combining permissions for time zones and doors. With this feature, BioStar provides customizable, scheduled access control.

- Max. 128 access groups
- Max. 128 time schedules
- Max. 32 holidays configurable



Door Management

Door management allows comprehensive control of doors and their controlling devices. It also support remote operation such as lock, unlock and reset alarms.

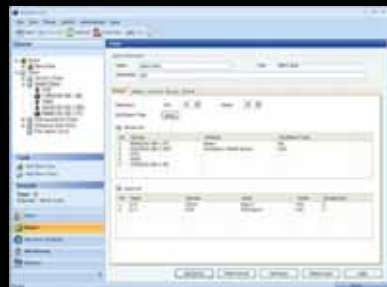
- 4 level door groups
- Max. 512 doors
- Set & configure alarm for selected doors



Visual Map Monitoring

Visual map allows users to monitor property in floor-plan style graphical overview. It enables administrators to monitor location of specific gate and conditions of adjacent gates in visual indication.

- Graphical icons for event indication
- Event group : 5 priority levels
- Alarm event management
- Log viewing by event groups
- Event notifications
- Monitoring interface for doors and zones



Zone Management

BioStar gives administrators complete control of various zones. Zones can be created with devices connected via TCP/IP or RS485 and can include a master device and up to 65 slave devices. Individual devices can be included in up to four zones.

- Fire alarm, alarm, anti-passback, entrance limit and access zone
- Controls up to 32-device zones
- Alarm setting for selected zones
- View event log for selected zones
- Muster zone with roll call report



Device Management

Administrators can control multiple aspects of devices with BioStar. In addition to authentication behaviors, BioStar supports configuration of input, output relays, actions and sounds. The system includes options for customizing sound and display settings for IP terminals.

- Configure IP readers & Secure I/O
- RS485 supports up to 8 devices & 4 Secure I/O's server matching
- Real-time monitoring of device connection
- Wizard-type device search interface
- Easy firmware upgrade and reset

Biometric Time Attendance

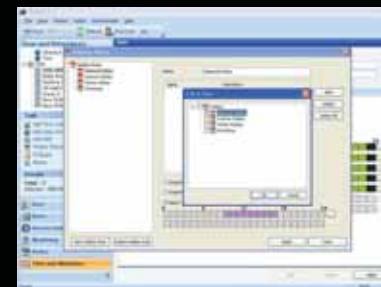
BioStar includes time and attendance features to allow administrators to define time categories, shifts, daily schedules, and holiday settings. The T&A capabilities of BioStar can be used to enforce compliance with check-in and check-out procedures, restrict access to off-duty personnel, and report attendance data. BioStar allows administrators to customize T&A functions for T&A terminals and specify how events are recorded. The BioStar interface also allows administrators to monitor a user's check-in and check-out status in real time.



Work Hour Calculation

You can set and modify time schedule of users in various ways to suit your organization's needs.

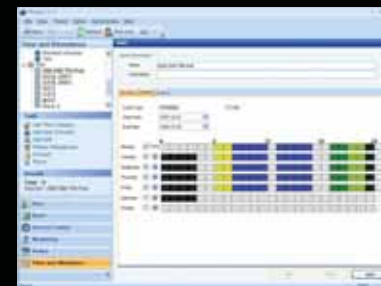
- Daily and Weekly cycle scheduling
- Daily working schedule configuration
- Overtime calculation
- Rounding
- Grace



Holiday & Leave Management

This feature allow administrators to set custom holiday & leave configurations by groups and individuals.

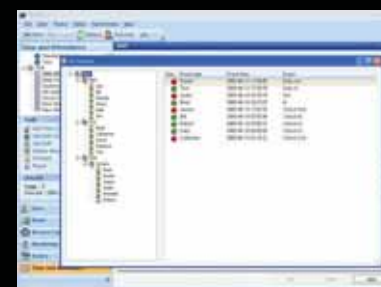
- Holiday schedule configurable by group
- Leave schedule configurable by user



Shift Management

Shift can be scheduled by both user and group level.

- Daily and Weekly cycle scheduling
- Up to 64 shifts configurable



In/out Board

The IO Board displays time and attendance events. The IO Board does not track every come-in and go-out event done by users, but does track only the come-in and go-out events done by users using the T&A function keys of the access control devices.

- Real-time monitoring by T&A event



Reporting

You can generate T&A reports to view various time and attendance events for users. You can also modify and print time and attendance data for other uses, such as calculating payrolls.

- Daily / Individual summary and report
- Report by TA result (like absence or late)
- Work hour displayed by time category
- Export in CSV and PDF