

BioStar

IP-based Distributed Access Control System

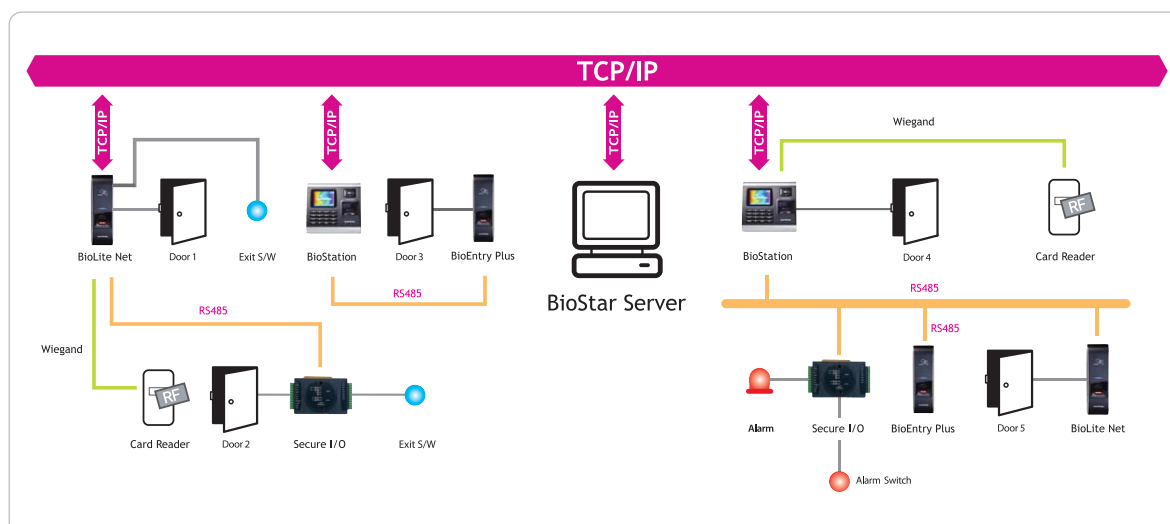
BioStar is Suprema's next generation access control system based on IP connectivity and biometric security. The meeting of biometrics and IP makes a perfect fit by leveraging the merits of each technology. Increasing cost of biometrics is countervailed by removing expensive control panels from the system and reducing complex wiring from a central panel to each reader. BioStar's IP based connectivity makes template distribution for biometric devices easier than ever.



Benefits

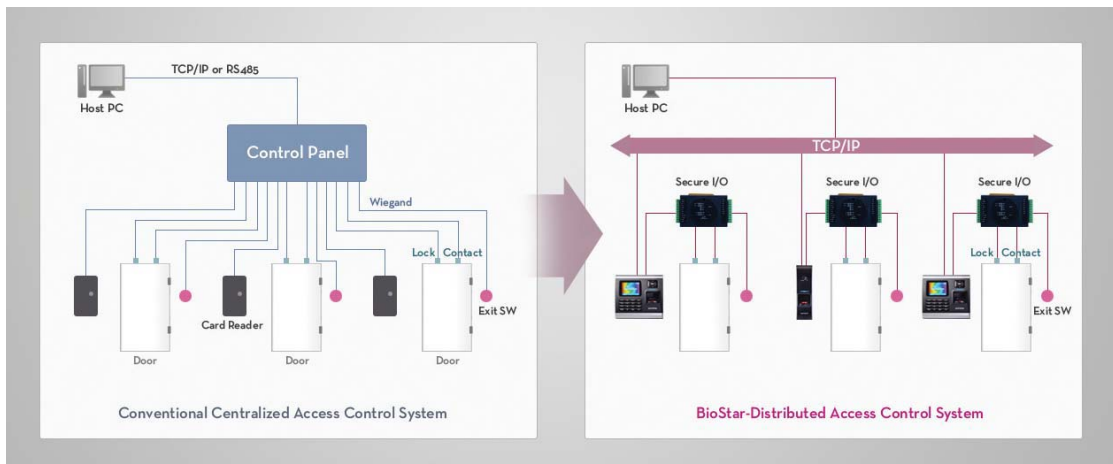
- Flexible and extendible IP based system structure
- Full featured time attendance functionality
- Seamless integration with ordinary RF card readers
- Biometric security at the price of legacy systems

System Configuration



Advantages of Distributed System Structure

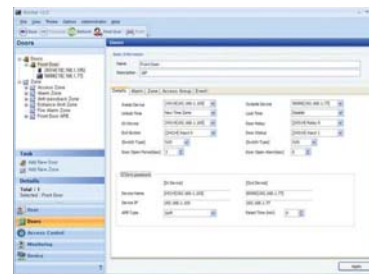
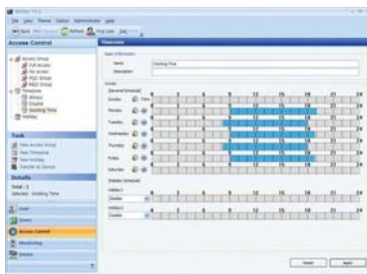
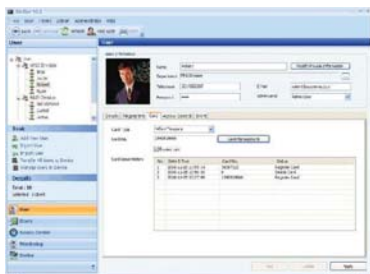
- No control panels needed
- Simple & easy wiring
- Lower installation & maintenance costs



System Specifications

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

IP based Distributed Access Control



User Management

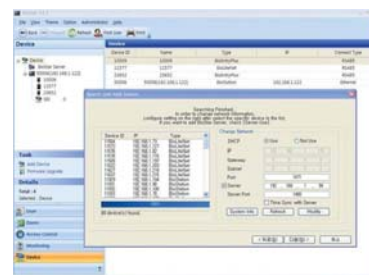
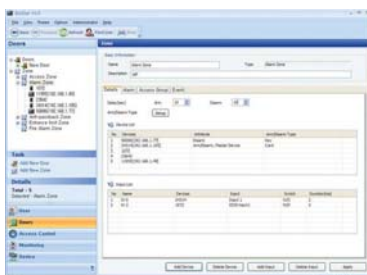
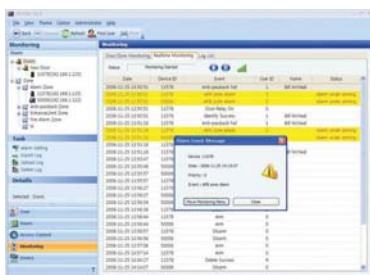
- Supports 4-level departments
- User search interface
- Multi-level administrator settings
- Customized authentication mode by user
- Records user card issuance log

Access Control

- Controls up to 128 access groups
- Controls up to 128 time schedules
- 32 holidays configurable

Door Management

- 4-Level door groups
- Controls up to 512 doors
- Set alarm feature by selected doors



Monitoring

- Event group : 5 priority levels
- Alarm event management
- log viewing by event groups
- Event notifications(e-mail, sound, warning)
- Monitoring interface for doors and zones

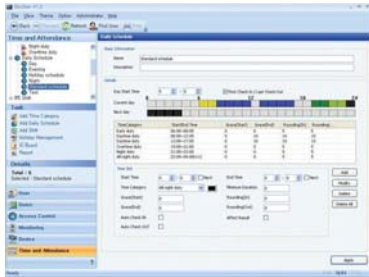
Zone Management

- 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

Device Management

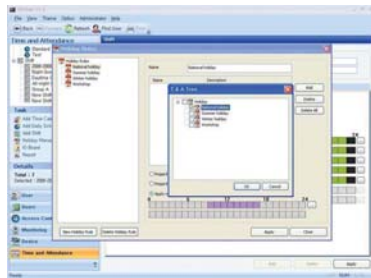
- Configure access control devices & Secure I/O
- RS485 supports up to 8 devices (ind, 4 secure I/O's)
- Server matching
- Real-time monitoring of device connection
- Wizard-type device search interface
- Easy firmware upgrade and reset

Enterprise-level Biometric Time Attendance



Work Hour Calculation

- User defined time category configuration
- Daily working schedule configuration
- Overtime calculation
- Rounding
- Grace



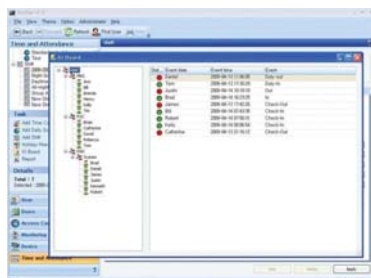
Holiday and Leave Management

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



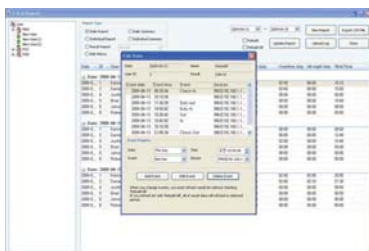
Shift Management

- Daily and weekly cycle scheduling
- Multiple shift rules by a user



In/Out Board

- Real-time monitoring by T&A event



Reporting

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