newcom USA

Buildings SOLUTION

Access Control

BioStar 2 is a web-based, open, and integrated security platform that provides comprehensive functionality for access control.
Featuring a modular, flexible framework, the platform provides a customized system depending on system scale, number of users and system structure that was used.

FEATURES

- **Long-term non-access user management**
- **Zone management (anti-passback, fire alarm, scheduled lock, schedule unlock, intrusion, interlock, muster)**
- **Door, zone and device status monitoring**
- **User permissions management by each door**
- **Floor access permissions management (elevator management)**
- **Real-time event log monitoring**

Elevator Control
Grants floor access rights to users and controls the floor buttons in the elevators.

Easy System Connectivity & Easy Maintenance
Distributed systems provide easy system connectivity and easy maintenance.

Access Control and Time & Attendance Management
Provides a wide range of access control and time & attendance management features and also supports mobile cards.

Outstanding Performance & Contactless Authentication
Provides superior performance based on the world's best biometric algorithms and hardware as well as the benefits of contactless authentication via FaceStation 2.

Commercial
office facility

Ensuring the necessary safety, controlling processes optimally and offering the highest possible level of convenience coupled with maximum efficiency.
Delivers bespoke access control security solutions to meet dynamic needs from system integrators, installers, and end-users.
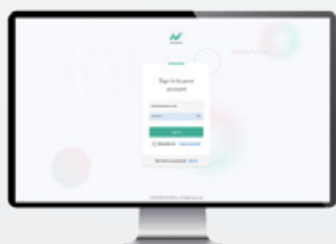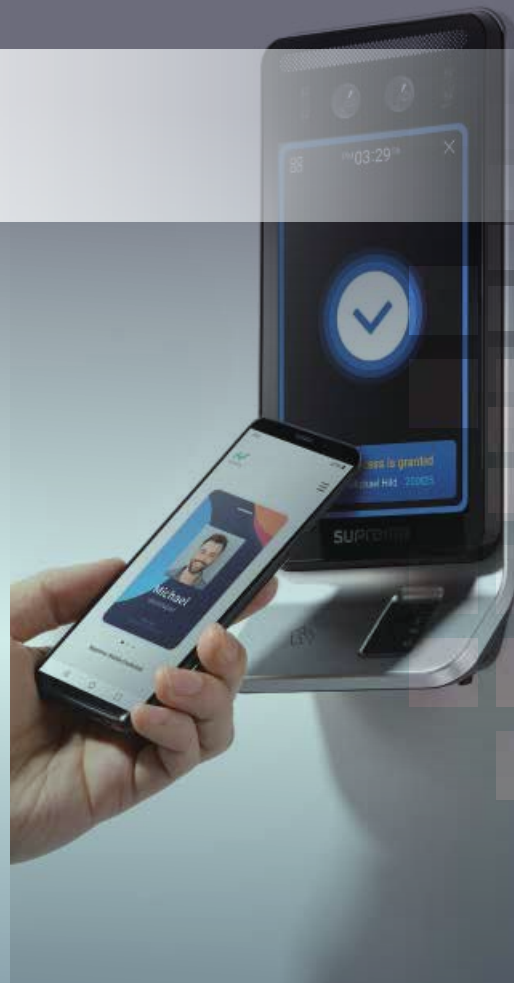
FEATURES ✅

- Easier system operation with minimal training
- Stringent access control policy to highly secured areas
- Integration with video surveillance and alarm system
- Sophisticated visitor management system
- Alarm and alert function during out-of-office hours and for secured areas

- Choice of credentials including biometrics and smartphones
- Lower total cost of ownership over time
- Elevator access control
- Integrated time and attendance

[Video surveillance integration]

[Biometric access control]

[Floor access control (Elevator)]

[Easy operation with a visitor management system]

[Mobile identification]

Contactless Solution with Mobile Access

Mobile Access allows you to use your own smartphone as a key to access doors, facilities, and more. By using your smartphone as a credential, managing and using an access card becomes easier, faster, and safer.

• **Convenience:** Access sites with your smartphone like using physical cards.

• **Cost Reduction:** Save cost of issuing cards and maintenance in comparison to physical cards.

• **Secure Management:** Revoke Mobile Access and restrict access permission when a smartphone is lost.

Suprema Airfob Portal

Email

Suprema Airfob Pass App

Supports both NFC and BLE for full compatibility with various types of smartphones. These two technologies are enabled in the background and foreground to communicate with an RFID reader seamlessly.

Prevents unintentional opening
20cm~

Works only within
10cm

Bluetooth

Screen does not necessarily have to be ON*

Works only within
10cm

NFC   Bluetooth

*If the app is running in the background (BLE, Standby mode)

1 Sec

Facial Recognition System

Facial recognition device feels closest to people without repulsion because it authenticates by recognizing people's faces. Suprema's facial recognition technology helps with fast, easy and intuitive user authentication and it offers various possibilities.

Live Face Detection (LFD)

The latest optical technology and Suprema's facial recognition algorithm accurately distinguish the faces of users. It perfectly blocks spoofing using photograph or 3D printed mask.

Security and Encryption of Data

Personal data protection:

Protecting personal data from malicious attacks
or leaks has never been more important.
Suprema solutions are designed to safeguard all
personal data including biometric credentials and
any information that can be traced back to a user.

Communication protection against malware and data breaches:

Communication protection using encryption and certificate is applied to all
communications used in the system. Server to client communication is
protected by HTTPS which can use a trusted CA signed certificate.
These implementations will lead to become a system where it can efficiently
defend against malicious attacks and protect all sensitive data.

Automation means better business

Rely on a trusted solution to control lights, temperature, audio/video, teleconferencing, security cameras, and HVAC systems to make your business more effective and drive efficiency, automatically. Our solutions easily integrate with your existing business infrastructure and enable communication between devices from virtually any manufacturer.

You decide what you want to control and when.

The possibilities are endless.

FEATURES

- Control a wall of TVs or just one with a single remote or tablet.

- Control music in any audio zone, from anywhere.

- One button turns off all the lights throughout the propiedy.

- Get a text alert if someone enters after hours.

- Save energy and money, automatically.

- Presentation set-up and video conferencing, with one touch.

- Use touch screens and tablets to control it all, easily.

Solution bar or restaurant

With just one touch, you can create the perfect atmosphere in every area of your restaurant with mood lighting and music. Control every TV from one location so your customers never miss the big play. With automation, the possibilities are endless.

FEATURES ✅

- Incorporate your lights, music and climate into a "scene".
- Have the lights turn off when employees or guests leave rooms to save energy bills, automatically.
- Use a single button to turn the building off or on.
- Control a wall of TVs from a central location.
- Simplify your audio, video, and other components with one remote to control it all.
- Control and feed a high-end audio system for dancing or ambient music.
- Broadcast the big game, and as soon as it's over, easily drop back to the top 20 playlist.
- Treat your audio and video as separate systems.
- Turn every TV in the building on and off with one button.
- Play six different games or more on differents displays throughout the space.
- Easily move video around and break audio from video to play in different zones.
- Receive e-mail alerts based on security-related actions.
- Use IP cameras to keep an eye on your business.

Conduct meetings with confidence

In an automated boardroom or conference room, lower a screen, dim the lights, connect to an office from another continent, turn on a projector or display your presentation in one touch.

- Modify the backlighting, select which PC to display on the projector, bring up the volume to the perfect level, all with one touch, reducing calls to your IT department for assistance.

- Impress your colleagues, customers and partners with one-touch scenes that dim or raise the lights, and change the background music.

- Select the setup of the room with the touch of a button... conversation, presentation, video conference and more.

- Integrate audio and video-conferencing systems into one easy-to-use experience.

- As soon as the lights dim, the shades go down to create the perfect atmosphere for your presentation.

- Choose to manage the system from an elegant touch screen or an app on your tablet or smart phone.

Smart
Hotel

Creating an unsurpassed experience for guests. Reducing your carbon footprint. Adding to your bottom line. A smart hotel is simply a smart idea. Save money through improved energy management and enhance your guest's experience at the same time.

Automate all lighting and climate systems to minimize energy waste as soon as the guest checks out. Customize the room experience to delight every guest: from lighting scenes, to automated drapes, entertainment — even their wake up experience. With the swipe of a key, the room greets guests with dimmed lights, soft music and drawn shades.

Clinical
Office

Doctors and dentists have discovered the benefits of automation. Automate the lights and climate control to save energy. Program lighting scenes according to procedural requirements. Use the intercom system to stay in touch with nurses and patients. Give patients control of their own entertainment during recovery.

Digital Center communication

Develops a comprehensive suite of cloud services, andcontent that helps teams and businesses streamline their communications and enhance your community experience.

It keeps its communication strategy up-to-date, reaching each physical area, special sectors, elevators, reception areas, among others.
We specialize in the implementation of digital signage solutions through screens, the development of its content and its remote administration in the cloud.

FEATURES

- **Instant publication of content**
- **Collaborative administration**
- **Interaction by qr**
- **Centralized content management**
- **Content scheduling**
- **Distributed repetitions**

Reception,
guests and delivery

BENEFITS

Alert System between Visitor and Reception:

· The system has an additional module to enable alerts and monitoring of people in the building during their visit, once the visit has been entered, the system triggers an alert to the device informing that your guest has arrived at the indicated device, totem, tablets, smart-phones, among others , showing on the screen that the person entered or the expected order.

· If this module is enabled, the person has 2 options: the first is to accept so that the visitor can be validated from reception and allowed to enter, or Decline the visit and make comments if required because it was denied.

Admission of visitor by self management

· The visitor will be able to carry out a quick search on the totem or touch screen of the sector or floor by ID or Name, Surname, cell phone using an Intelligent Grid presented on the screen.

· The visitor will see on the screen the elevator that he must take, in this way the entrance is speeded up.

· The system can display the elevator as a map or directions to the location you selected.

· The system has a backend for the entry by hand of the Visitor individually or in Group, for reception desk / security personnel.

· The Form allows you to enter ID, Name and Surname, and take the photo of the visitor.

Operating system

Oassia it provides the user with all the necessary tools to complete the system's utilization while keeping things simple and intuitive.

- Timeline with thumbnails to play the video
- Recognition-based playback, record based on motion detection
- Enable a trigger for each type of event (notifications)
- Statistics and reports. How many people have entered your store this week?
- Mass backup abilities
- Combined alert, activate a trigger when two different events occur

- Face tracking: Upload your own map (or use a Google Map) to track the movements of a suspected individual.
- Can manage up to 100 video outputs of 144 channels each through a decoder
- Audio: Use your microphone to communicate with all the selected cameras, regardless of their location
- Start your search based on face/license plate recognition and play the videos of the matching events!

Parking management experience

Parking management module allowing the user to exercise complete control over the monitored parking areas, from the automated entry of vehicles with registered number plates to the easy registration of visitors in a given time.

FEATURES ✓

- Automated entry of vehicles with registered number plates
- Storage of all incoming/outgoing car images and plate numbers
- Central registration of authorized vehicles or disabled users
- Blacklist warning when an unwanted car appears at the gate
- Easy registration of visitor's vehicles for a given time
- Manual gate opening option from the controller PC

Networks

We offer a broad portfolio of network solutions, which range from the use of communication networks of all sizes and scales, to coverage, efficiency and security in wireless networks. We also maximize the use of investments in network infrastructure, through Network optimization services.

- **Enterprise routers and switches.**
- **Wireless Networks.**
- **Networks for highly complex environments.**
- **Enterprise routers for large structures.**

Data Centers Infrastructure

We provide Data Center infrastructures, specially designed to safely and efficiently support the demands of scalability, redundancy, load balancing, power backup and security of different types of organizations.

- Equipment for direct fiber connection.
- Security and protection of sensitive data.
- Uninterruptible power supply systems.
- Key-card – Electronic DC entry system.
- Equipment for multi-host solutions.
- Racks with double power outlet.
- Redundant diesel generators with automatic start
- Motion sensors.
- Automatic gas fire detection, alarm and control system.

Strategic alliances

Our alliance with the best manufacturers of smart devices
ensures quality, stability and low maintenance in the solutions
implemented. We are official partners of Control 4 and RTI
and we integrate solutions from leading manufacturers
such as Lutron, Cisco, Ruckus and Commscope.
Our long experience in residential and commercial projects
allows us to choose the best technology for each solution,
ensuring that multiple devices work smoothly as a whole.

COMMSCOPE   Ruckus   UNIFY   FORTINET   HIKVISION   milestone

BOSCH   CISCO   AXIS COMMUNICATIONS   Schneider Electric   apex   AVAYA

suprema   Control4   TopKapi vision   VERTI   iPAAS   PROVISION ISR

RTI   CRESTRON   pakedge   TRIAD   LUTRON

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