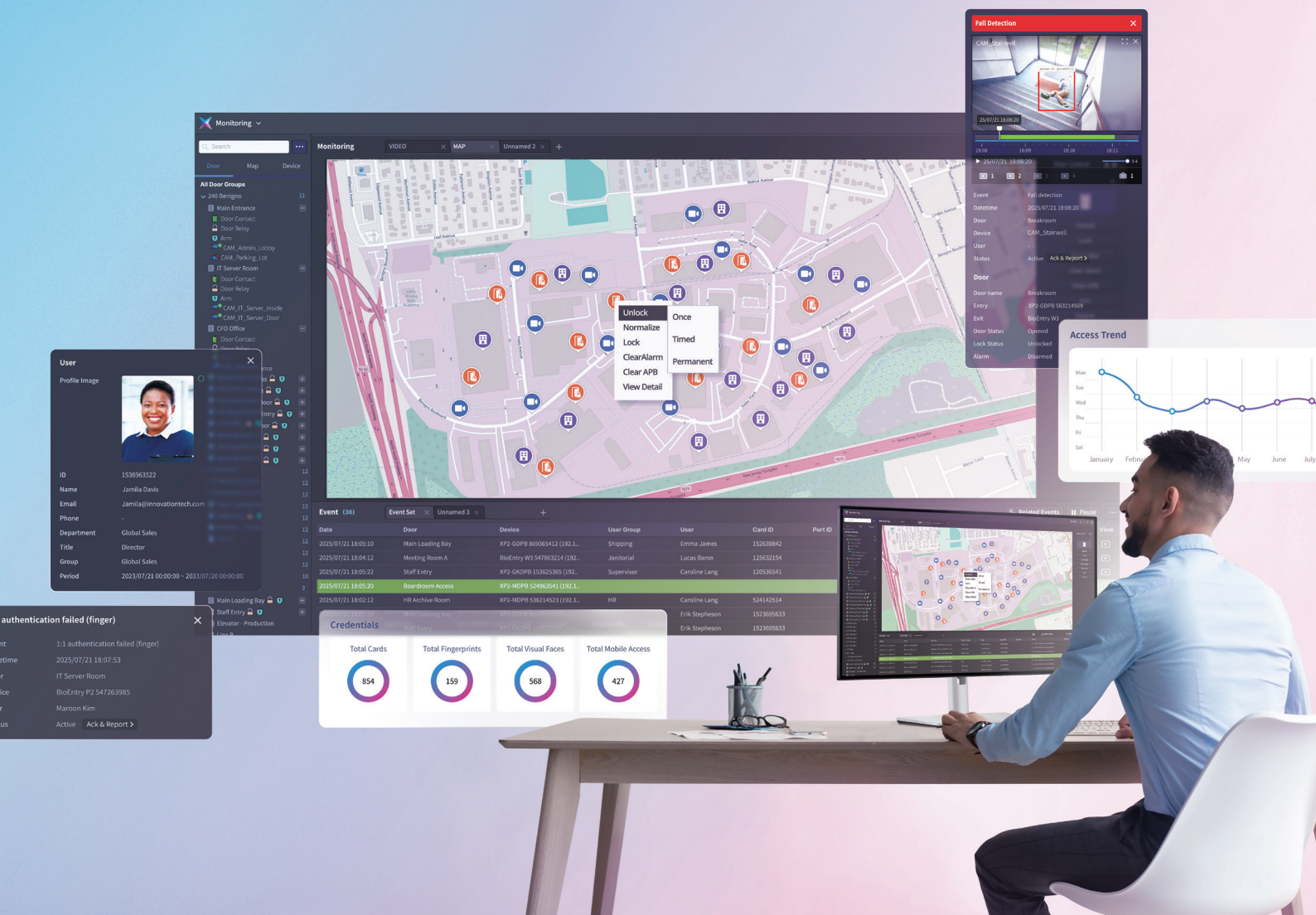


One Platform. Total Confidence.

BioStar X is Suprema's open, on-premises access control platform, built natively around the world's most advanced biometrics, with integrated monitoring and a resilient backbone for scale, uptime, and compliance.





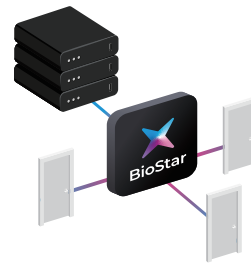
Native biometrics.
Built in.



Always on.
Ready for action.



Trusted operations.
Clear accountability.



On-premise control.
Open to connect.

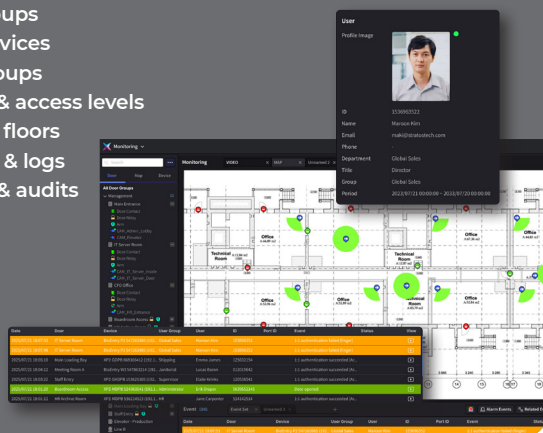
Total control, over who, where and when.

From biometric enrollment to schedules, zones, floors, and emergency rules, BioStar X manages access through one connected workflow. Suprema biometrics are part of the platform core, not a separate layer added through integration.

Core access control, centrally managed

Apply consistent access policies while retaining precise local control.

- Users & groups
- Security devices
- Doors & groups
- Schedules & access levels
- Elevators & floors
- Monitoring & logs
- Templates & audits



Advanced AC

Enforces behavioral policies, safety standards, and emergency protocols with powerful zone logic.

- Anti-passback
- Fire alarm
- Interlock
- Schedule lock and unlock
- Occupancy
- Muster
- Intrusion alarm
- Roll Call

Emergency management

BioStar X makes it easy to respond fast with just one button push or tap on your phone.

- One-click lockdown
- On-site Roll Call
- Emergency open permissions
- Door lock/unlock

Multi-credential. One user, multiple ways in.

BioStar X natively manages Suprema face and fingerprint readers while supporting mobile, QR, RFID, and PIN credentials for employees, contractors, and visitors. *Credential support varies by reader.

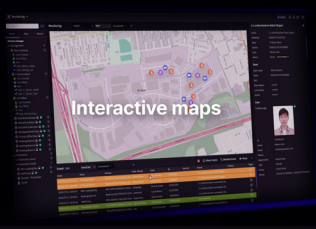


Always on, ready for action.

BioStar X brings live status, maps, alarms, access events, and linked video into one monitoring workspace. See what is happening across the site, investigate with context, and respond without switching tools.

See the whole site at a glance

Track doors, elevators, devices, and advanced access control zones in real time, then navigate by area, facility, or floor to focus on abnormal conditions requiring attention.



Understand what happened, faster

Event Log

Real-time Log

Image Log

Video Log

VMS Integration

ADD-ON

Resolve issues from the same screen

Unlock

Lock

Normalize

Clear Alarm

Clear APB

Open Video

Keep systems healthy and responsive

Device Status

Alert History

Reconnect

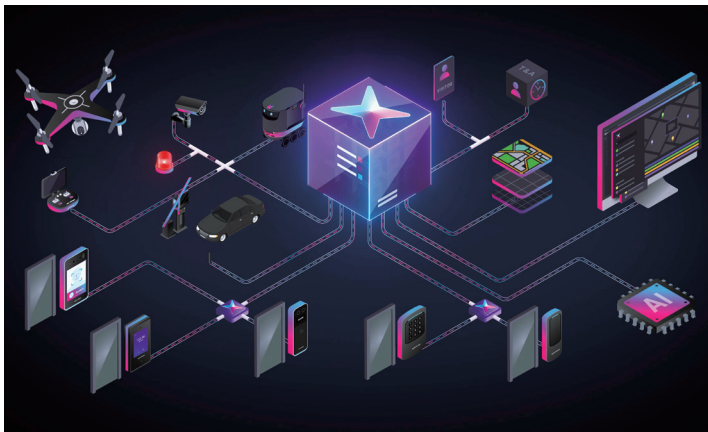
Reboot

Lock Device

Stop Action

Connect access with the systems around it.

BioStar X uses standard APIs and supported integrations to connect access control with identity, visitor, video, and operational systems.



VMS integration.

Network Optix Nx Witness

Connect access events with live and recorded video, automatically bookmark key moments, and retrieve footage faster during investigations.



Identity integration.

Microsoft Entra ID
· Microsoft Active Directory

Synchronize users and groups from enterprise identity systems, map user attributes and access-related fields, and enable secure, centralized sign-in across BioStar X.



Visitor ID capture.

DESKO ID scanners

Speed up visitor registration by scanning an identity document to automatically capture the visitor's name, photo, and face credential.

Rock-solid security, for real operations.

BioStar X protects access operations with encrypted communications, granular permissions, account safeguards, and resilient system architecture, backed by Suprema's certified security and privacy management systems.



Multi-communication server



Granular access permissions



Trust and compliance controls



Secure tamper on Suprema devices



Encrypted communications



Authentication Lockout

Main server requirements

Item		Small	Medium	Enterprise
Usage Environment	Total Devices	1 to 50	51 to 100	101 to 1,000
System Requirement	Operating System	Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022		
	Database	MariaDB 11.4.4, MS SQL Server 2012 SP3, MS SQL Server 2014 SP2, MS SQL Server 2016 SP1, MS SQL Server 2017, MS SQL Server 2019, MS SQL Server 2022		
	CPU	2.3 GHz 6-core	2.3 GHz 8-core	Minimum 2.3 GHz Recommended 4.0 GHz 16-core
	RAM	16 GB	32 GB	Minimum 64 GB Recommended 128 GB
	SSD	512 GB	512 GB	1 TB
	HDD	When using the feature, 200 GB is required for 10 million image logs.		

Licensing

The base license is a required component that must be purchased to activate and operate the system. It serves as the foundation upon which additional features and upgrades can be applied.

	Starter	Essential	Advanced	Enterprise	Elite
Max. doors	5	32	128	500	2,000
Max. users	100	1,000	50,000	100,000	500,000
Max. operators	1	10	20	40	100
Max. devices	1,000	1,000	1,000	1,000	1,000
Maps	-	✓	✓	✓	✓
Video	-	Add-on	Add-on	Add-on	Add-on
Advanced AC*	-	Add-on	Add-on	✓	✓
Multi-comm servers	-	Add-on	Add-on	Add-on	Add-on
GIS map	-	Add-on	Add-on	Add-on	Add-on
Server matching	-	Add-on	Add-on	Add-on	Add-on
Visitors	-	Add-on	Add-on	Add-on	Add-on
Active directory	-	Add-on	Add-on	Add-on	Add-on
Roll call	-	Add-on	Add-on	Add-on	Add-on
T&A	Add-on	Add-on	Add-on	Add-on	Add-on
Mobile app	Add-on	Add-on	Add-on	Add-on	Add-on
Event log API	Add-on	Add-on	Add-on	Add-on	Add-on
Remote access	Add-on	Add-on	Add-on	Add-on	Add-on
BioStar X Plugin	Add-on	Add-on	Add-on	Add-on	Add-on

* Global APB, Global Fire Alarm, Intrusion Alarm, Mustering, Occupancy Limit, Elevator, Interlock.



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For more information, visit our website below by scanning the QR code.
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