MICROAXS™
controls

LIMITLESS
POSSIBILITIES

Single platform with
Advanced Solutions

MADE IN USA

TAA NDAA COMPLIANT

Enhanced Corporate Solutions

Microaxs is transforming enterprises globally, opening pathways that orchestrate business performance and deliver on the full promise of integration, removing silos and streamlining digital and physical workspace efficiency. Microaxs works with customers to transcend the challenges of accumulated complexity, simplifying systems and making them easier to control, to operate and adapt. And Microaxs's unrivalled experience of enterprise-wide systems integration brings together physical and logical systems, including access control, video, site safety, visitor management, and core corporate functions, to deliver optimum efficiency and value – letting you meet tomorrow's challenges, today

Fostering strategic partnerships by leveraging collaborative efforts

Microaxs works with systems integrators, consultants, and end-user enterprises globally to leverage strategic partnerships with best in class tech vendors, including Axis Communications and Milestone. Microaxs technology is available through open distribution, is easy to access and easy to work with. Our positive, can-do approach, and our 7/24 tech support, will help you build the future.

Our solutions will let you eliminate the inefficiencies of siloed systems and deliver insight and control, for lasting advantage. The Microaxs team will work with you creatively, to identify and solve your unique systems challenges. And we will deliver the most efficient solutions, ensuring secure and productive connections between people, physical infrastructure and corporate systems.

Collaboration
We work closely, respond quickly, and succeed together..

Satisfaction
We look for the best in everything we do, and find satisfaction in success.

Knowledge
Real-world insights and experience drive all our innovations.

Global Reach
We are dedicated to serving local markets, with a global reach.

Creativity
We delight in finding creative, logical, elegant solutions.

A UNIFIED PLATFORM DESIGNED TO ORCHESTRATE AND OPTIMIZE WORKSPACE PERFORMANCE.

Access Control

Manage, verify, monitor, and control the smooth and efficient movement of staff, contractors, and visitors across single or multiple sites.

Integration

Interoperate with best-in-class hardware from Axis Communications and drive extensibility with Microsoft Active Directory and a wide range of leading security, life safety, and site specific applications.
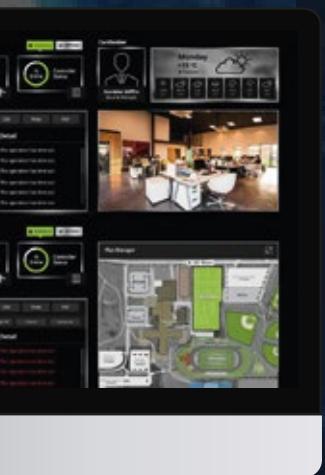
Intelligence

Optimise workspace and building operations and real-time information to drive decisions that matter, with reporting and audit trails that meet regulatory compliance.

Cybers

Guarantee robust protection w
user group access, partitionin
encrypted data trans

Security and Safety Management

Mitigate risk and increase control room efficiency by managing multiple systems from an intuitive, single, unified platform to initiative fast and appropriate responses to ensure better outcomes. Leverage modules for guard patrols, time and attendance, and mustering.

Automation

Streamline and digitise processes and standard operating procedures to empower security teams with realtime situational awareness for better detection, verification, responses, and investigation.

User Experience

Empower security and FM teams and enhance the visitor and employee UX with frictionless and contactless access to buildings, corporate networks, applications, and equipment.

ecurity

ith multi-levelled individual or
g, identity management, and
mission and storage

UNLOCKING TRUE VALUE THROUGH SEAMLESS INTEGRATION IS THE OPPORTUNITY AT HAND.

Your facilities need to work harder to meet today's challenges – and they can. They can be more welcoming, more efficient, and more secure.

Just as your corporate systems have been built and integrated to extend the power of staff across sales, marketing, finance and other departments by connecting them, serving them, and unlocking their productive potential, the same is now needed for your physical premises and the security and facilities personnel that manage them.

From your corporate HQ and campus facilities, to local offices and hub-andspoke satellites, all your buildings and workspaces need to deliver new value.

Microaxs Enterprise enables all these things.

They need to be more flexible, more operationally and energy efficient, and easier to access, manage and control. They also need to be secure, safer, and more hygienic, and less vulnerable to insider threats, climate events, cyberattacks, espionage, dangerous intruders, as well as today's global pandemic

As a single platform it enables customised and integrated solutions, allowing individuals and teams to work more flexibly, to operate more remotely, and to travel more between sites – but at the same time, to be better connected than

And it is making buildings more welcoming ever before
yet more secure..

SMOOTH AND EFFICIENT ACCESS – YOUR BUILDINGS TRANSFORMED TO SERVE YOUR PEOPLE BETTER

Microaxs Enterprise is

connecting people with

buildings as never before.

Using MICROAXS Enterprise your staff, your contractors and visitors will enjoy a more impressive and efficient experience every time they arrive at your site.

Gone are the days of old paper sign in books and reception staff printing badges, and in doing so it removes the risk of security breaches when people go where they shouldn't, allowing you to better verify and track individuals to increase the protection of employees and intellectual property.

It can eliminate access cards, with authorisations and essential site information issued in advance, and QR codes that enable fast, secure, frictionless, and even contactless admission and movement throughout your facilities.

From pre-allocated parking, and rapid, no-queue entry, through to easy access to meeting rooms, networks, and building hardware and equipment,with Microaxs Enterprise every person on your sites are assured a safe, secure and hassle-free experience every time.

Integration with your personnel databases makes managing access easier too, with powerful automation tools that ensure that access authorisations can be changed, or revoked, instantly. And Microaxs Enterprise gives you a real-time view of single or multiple sites showing who, where and when. It allows you to run audits in granular detail, to verify every access event, and every visitor's movement on site.

OPT FOR MICROAXS SOLUTION
Your Ultimate Choice For Optimal Video Surveillance Integration.

With Microaxs Enterprise, users are no longer constrained by having only a limited to one manufacture or devices and cameras.

Microaxs working with multiple manufactures and providing seamlessly integrations with Video Management Systems:

- AXIS VMS
- Milestone VMS
- Qognify VMS
- Digifort VMS
- IP Configure
- And many more......

Microaxs now enables multiple connections, making it easy to manage more network cameras and devices across large or multiple locations from one simple user interface.For corporate enterprises and the most demanding sites, customers can opt to use a combination of Multiple VMS manufactures, enabling a more affordable and modular approach to video management.

This cost-effective hybrid model lets you benefit from the power of VMS enterprise level functionality for specific sites or camera streams - for example using intelligent video analytics where it is most needed to ensure optimum value

Major Site Systems: solutions seamless for integration

Microaxs's Integration Utility Tool makes it easy for systems integrators to harness a range of third-party products and systems, under a seamless, unified interface. Microaxs Enterprise gives the ultimate freedom to choose, letting you work with the widest range of technologies and vendor-specific solutions across multiple sites, on any scale.

Network Cameras: no need to compromise on choice

Microaxs Enterprise enables off-the-shelf integration, via AXIS Camera Station or Milestone XProtect VMS, to the extensive line up of Axis cameras, including domes, bullets, PTZs, thermals, and body cams. You can choose exactly the model you need for the most effective surveillance, security operations, and business intelligence.

Video Analytics: letting you work faster and smarter

Optimising site management at all your locations, Microaxs Enterprise lets you take pressure of your control teams, and improve security, with powerful, automated analytics tools. From ANPR/LPR and essential onboard analytics, through to the latest deep learning and AI solutions for increased situational awareness, these tools enable faster identification, verification, and response.

Hospitality Solutions: driving efficiency, improving service

For the most impressive guest experience, and the most efficient operations, now you can integrate all your systems with Oracle Opera. Microaxs Enterprise lets you link front and back of house operations, for seamless c

IP Audio: harness the power of sound

With seamless integration with Axis IP audio, Microaxs Enterprise now makes it easy to transform your sites with sound – everything from improving safety with automated emergency announcements, and deterring unwanted activity with remote verbal warnings, to enhancing atmosphere and visitor experience with ambient music. You can also easily configure your own rules, by triggering announcements or scheduling audio to play at specific times to address common events or specific risks.

Key Cabinets: centralised management of protected assets

Integration with intelligent key management technology makes it easy to secure, manage and audit the use of almost any physical asset. Controlled through Microaxs Enterprise, this integration allow improved efficiency, reduced downtime.

Smart Lockers: touchless personal storage, for security and hygiene

Integration with Metra Modo's smart, RFID-enabled lockers, with options for touchless technology, allows secure and hygienic personal storage solutions - ideal for schools, universities, hospitals, and campus sites.

Visitor Management: a controlled and more efficient welcome

Integration with Microaxs VisitorPoint gives you unrivalled capabilities to manage who comes onto your sites - including staff, contractors, visitors, and deliveries - and control which areas and systems they access. Visitors and staff can enjoy a smooth, hassle-free experience, with automated site information, and QR codes sent in advance, allocating services from parking to network access. And you benefit from greater efficiency, and full control – knowing who is always on site

Database integration: orchestrating the most efficient operations

Integration with all popular databases - including Microsoft Active Directory, SAP, Oracle, and SQL – allows users to streamline identity management as the foundation block to ensuring secure access to both buildings and networks. With Microaxs Enterprise, it's easy to import and export databases, eliminating the need to manage separate access control authorisation lists, stripping out inefficiencies and vulnerabilities from cumbersome siloed systems.

Access Control Intercoms: secure access with two-way communications

Microaxs Enterprise integrates off-the-shelf with AXIS Network Door Stations which combine video surveillance, two-way communications, and remote entry control. These are ideal for use at entrances used by both regular and first-time visitors, allowing secure, rapid access and direct communications when needed.

Fire and life safety: enabling centralised management and greater control
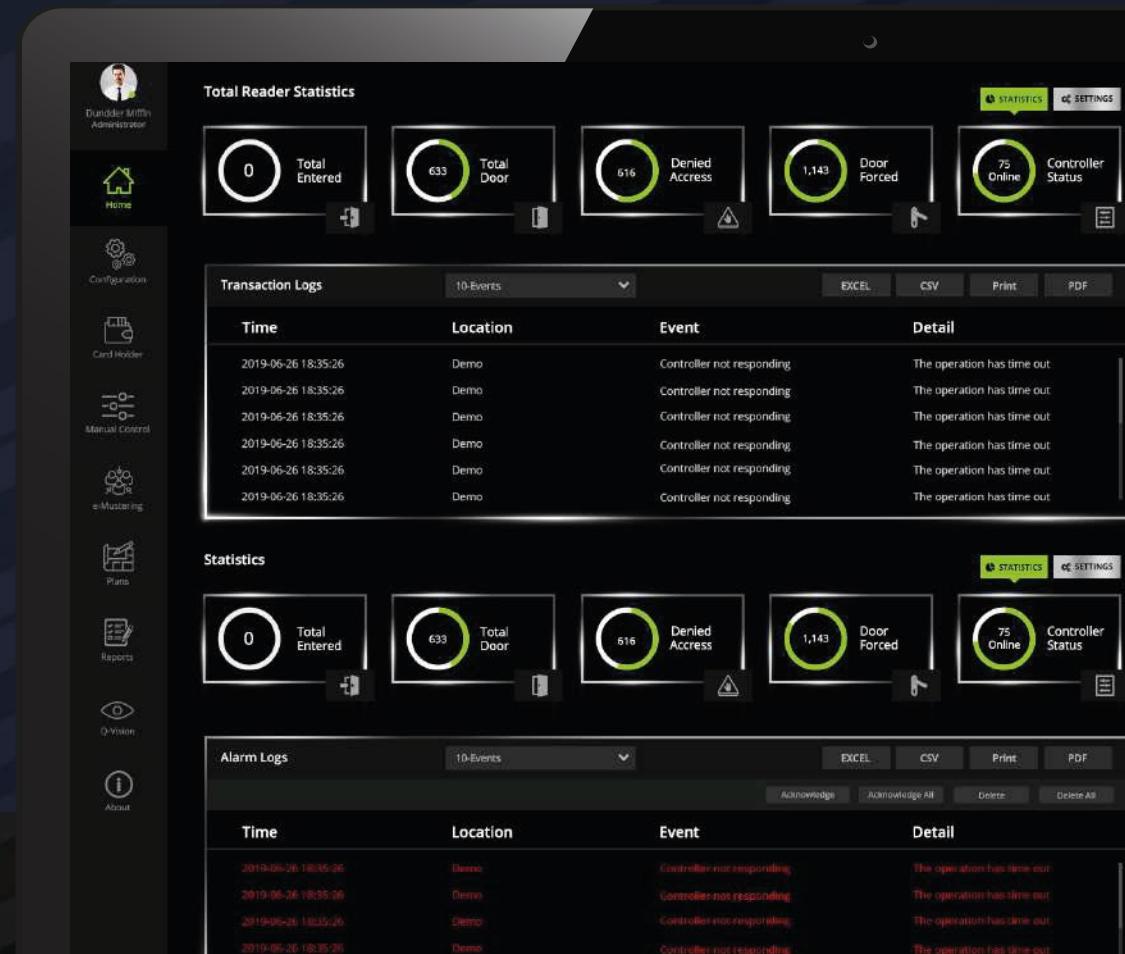
Microaxs Enterprise integrates with leading fire and life safety systems, making it easy to monitor protective measures deployed at every location. This efficient, unified approach allows the efficient management of passive and active heat and smoke detection technologies, with the ability to visually verify alerts to quickly distinguish between false alarms that can impact business continuity and major incidents that require a full evacuation.

Intruder systems: optimised site protection with visual verified alarms

Microaxs Enterprise now makes it easy to optimise intruder systems with full visual verification adding certainty and agility to every response – reducing risk and eliminating doubt. Microaxs Enterprise enables ready, off-the-shelf integration with all leading intruder systems and technologies.

Upgrade your control systems swiftly with Microaxs, ensuring a seamless transition in less than a month from request to delivery for new integrations.

ENHANCE ACCESS CONTROL EFFICIENCY, EVEN IN THE MOST COMPLEX LOCATIONS, WITH HEIGHTENED SECURITY MEASURES.

Microaxs Enterprise lets you integrate your chosen access systems and technologies to ensure complete oversight over who comes onto your sites, where they are, and when they are there.

You control authorisations centrally and it gives you full activity and compliance reporting whenever you need it.

A unified platform, Microaxs Enterprise also allows the most efficient, trouble-free operations, no matter how complex or busy your sites, letting you adapt and pivot to meet changing requirements.

And it gives you the assurance that visitors, staff, and contractors will have a smooth, impressive, and troublefree welcome to your premises every time.

Access control: Secure and cost effective door Management

Seamless integration with mutlple Access controller manufacture and IP Video intercom, lets you manage and monitor all access points and entrances more easily than ever before.

Microaxs's comprehensive software license covers unlimited doors and cameras. Interactive graphical floor plans help the operator navigate the site. The system also allows for elevator control and unlimited inputs and outputs from readers

Dynamic management of individuals and credentials for enhanced flexibility.

• It supports an unlimited number of cardholders, access groups, rules, and schedules, giving you all the options you need,even for the largest of applications.

• It can handle all leading card technologies, and lets you harnessthe efficiencies offered by the latest in biometrics, QR codesand contactless systems.

• It supports both soft and hard anti-passback control options('hard' which prevents the same card being used twice in quicksuccession, or 'soft' which allows it but simultaneously alertsthe control room of a potential security breach).

• It enables advanced areas occupancy and mustering management,with seamless video integration enabling control room teams tovisually verify activity during evacuations and major incidents.

• And Microaxs Enterprise comes with a data import and exportutility that allows users to quickly import credential informationfrom other systems using delimited files (CVS) as well as other database formats.

Empower your security with advanced alarm monitoring & reporting capabilities.

Microaxs Enterprise enables real-time view and control of alarms, including notificationof forced doors and abnormal conditions from card readers, as well as alerts fromany other type of sensor.

It allows authorized users to acknowledge and rapidly initiate an appropriate response to incidents or suspected threat, or shutdown alarms if they are verified as false.

Transaction logs can be extracted in various formats, with the option to add notes toeach alarm enabling improved compliance and reporting. Alarm events can be logged, listed, and reported in order of priority, with date/time and the number of occurrences.
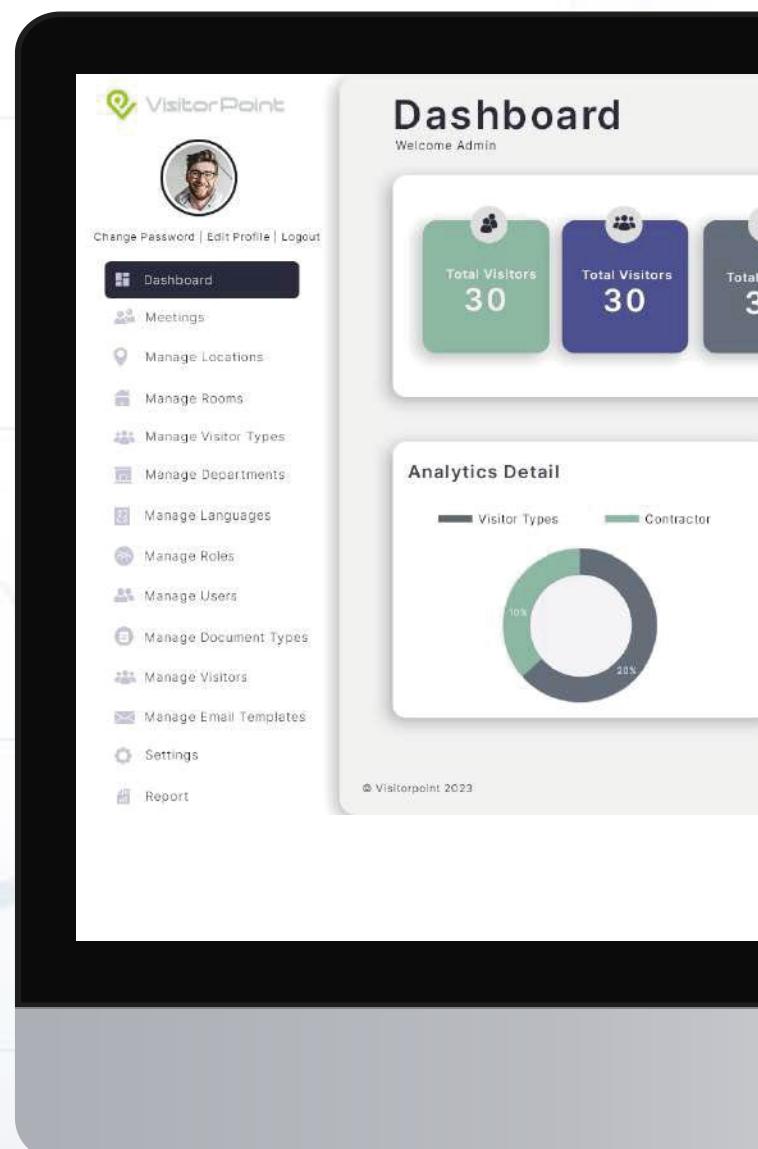
# Achieve full situational awareness seamlessly through a single pane of glass.

By integrating Microaxs Enterprise with video surveillance, you can elevate your situational awareness capabilities, with visual verification of all access events, transactions, and alarms.

And with Microaxs Enterprise giving your operators a real-time overview of system status from a single interface, you ensure the most efficient and rapid response to all events and alarms.

Integrated camera feeds allow operators to verify and analyse all alarms, transactions, and access control

events. You can choose from a wide range of matrix camera viewing options with multiple streams, live view, PTZ control, playback, and search. And it's easy to take snapshots of live images, export video clips for evidence, and configure your alarms to address and reduce location-specific risks at every site

This enhanced real-time control allows more efficient operations and improved situational awareness at times of heightened risk.
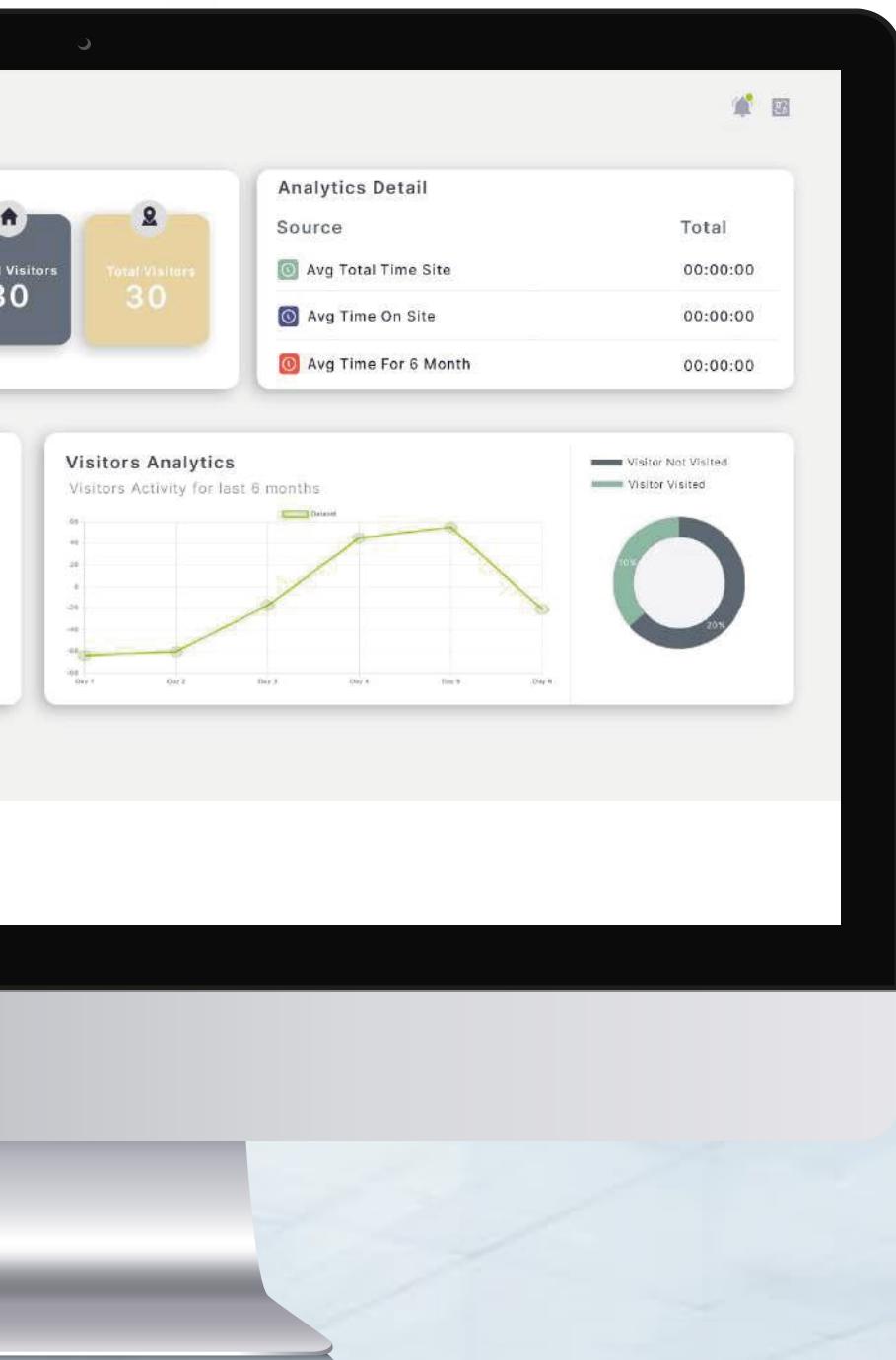
Intelligent reporting that keeps your site running smoothly

Microaxs's Report Designer handles all your access transactions and events, and no matter how vast and complex your data, helps give you at-a-glance or deep dive insight into site usage, allowing you to respond or adapt your facilities when necessary.

The flexible reporting tool enables powerful analysis of system data, including time and attendance patterns, to alert operators to unusual usage and keep your site running securely and smoothly

Analytics Detail

Source	Total
Avg Total Time Site	00:00:00
Avg Time On Site	00:00:00
Avg Time For 6 Month	00:00:00

Visitors Analytics
Visitors Activity for last 6 months

— Visitor Not Visited
— Visitor Visited

Seamless Visitor And Contractor Management with Visitor Point

Microaxs Visitor Point lets you manage visitors more efficiently and securely than ever before, by automating the entire visitor-flow process, from parking space allocation and pre-arrival access authorisation, to frictionless and contactless admission. It also integrates with your security, safety, and corporate systems to ensure maximum efficiency, security, and accountability at all times.

Visitor Point

Scheduled Meetings

Express Check In / Out

Configuration

Web Application
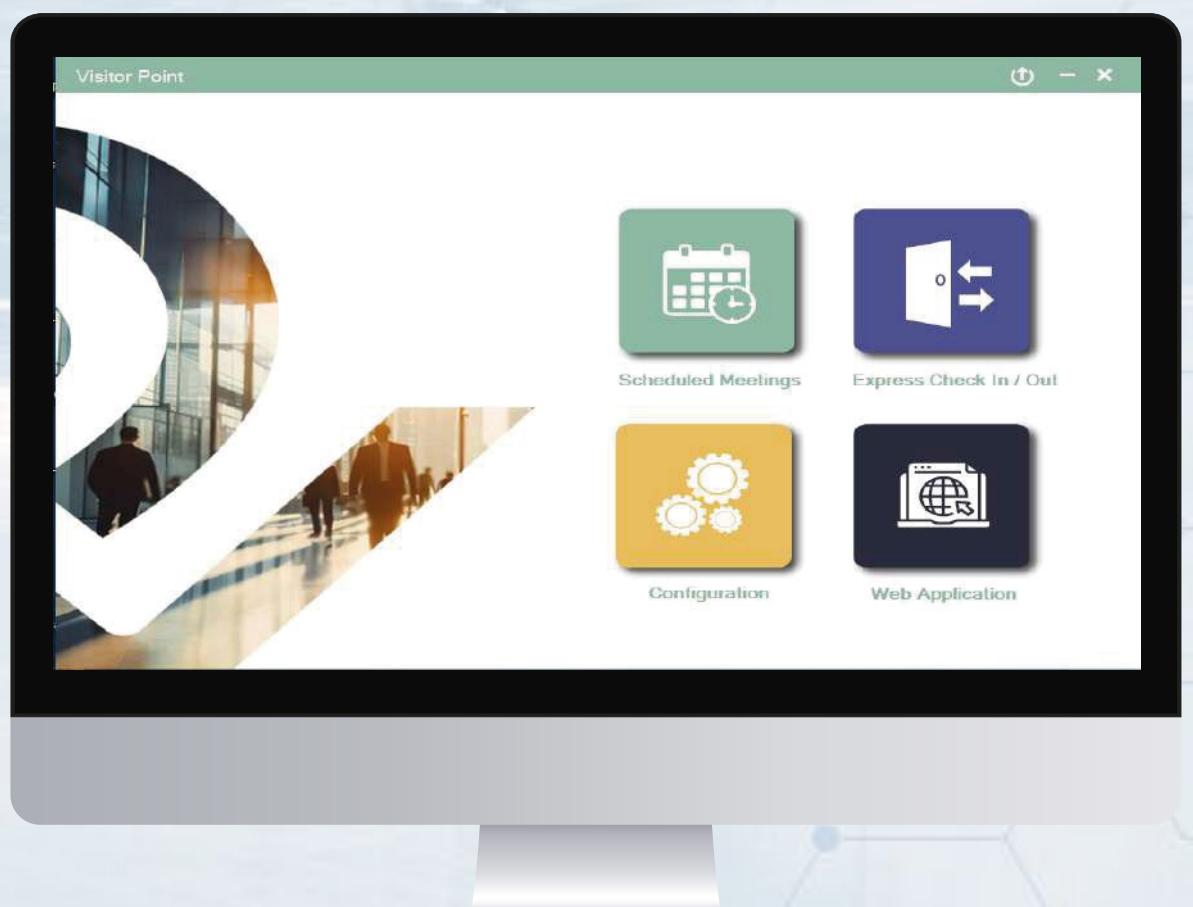
Third party integration with the leading brands

Microaxs Enterprise enables seamless integration with systems, hardware, and infrastructure from world-leading vendors. Ensuring optimum efficiencyby eliminating the challenges and gapsin security caused by siloed systems and data, it lets you manage surveillance, Intruder and fire and building control functions as well as back-office systems, alongside your access control. And it does this all from one easy-to-use interface.
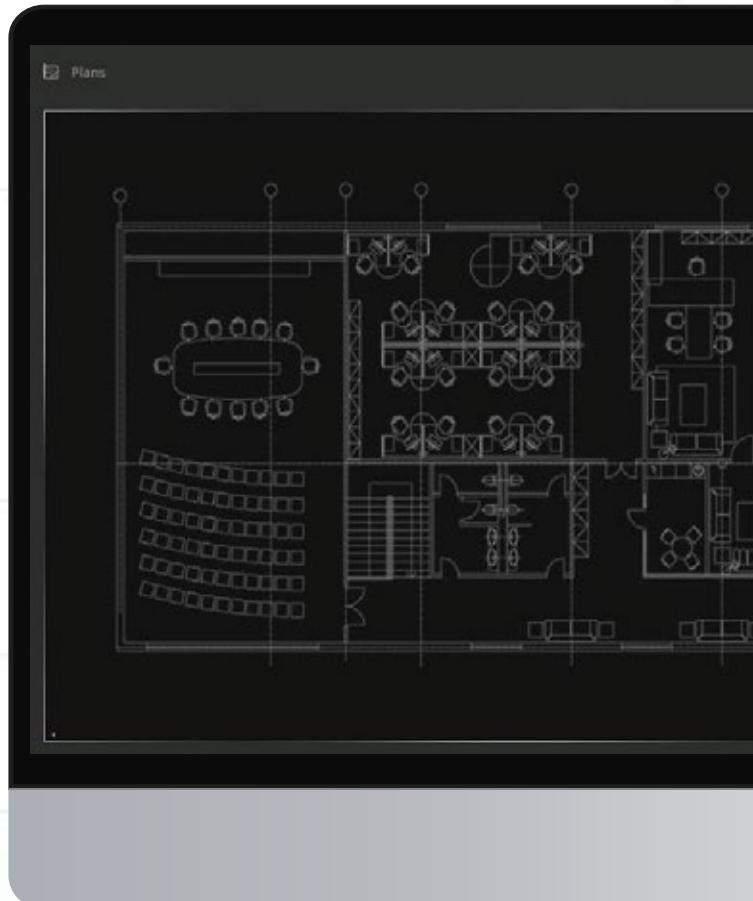
Multi-layered fault tolerance and redundancy

Microaxs Enterprise supports segregated databases to form a distributed system,which allows remote synchronisation with databases at each site. This means that if connectivity is lost and different locations go offline each remote database continues to function independently. Oncethe connectivity is restored, the system automatically syncs. This means that vitaldata will never be lost.

For the most robust repository management all resources (including images, icons, and files in any chosen format) can be locally stored and utilized from the local repository. Resources can also be easily removed or added using this utility

Secure database archiving capability enables data storage time rules to be customised by the user. Database archiving will automatically place the data in separate partitions, to be accessed specifically if required.

Data Exchange Redundancy creates a backup support for the data exchange server using a primary and secondary server. In the event of the primary server failing, the secondary server will automatically switch in to provide support.

Flexibility and control on the move
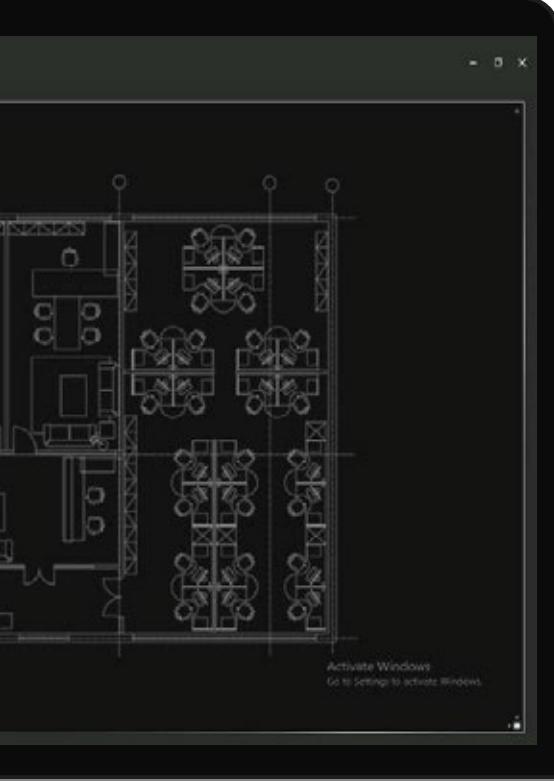
Microaxs Enterprise software now includes a full-featured website interface that makes it easy for you to manage your site, and have access to full reporting, from any location.

01 The interactive user dashboard includes real time counters, events and alarms, giving you realtime situational awareness.

02 Cardholder control lets you easily manage all cardholders, assigning access levels, issuing new cards, and moderating permissions for existing cardholders.

03 A dedicated Access Level Management tool makes adjusting user access levels simple, allowing you to create new access levels as well as modify existing ones.

04 The Visual Rule Builder tool makes it easier for you to create rules and dependencies with the help of intuitive icons and graphics.

05 The web-based Report Designer has been designed to speed up the creation of multiple reports, with a wide choice of helpful utilities including custom filters and custom designs.

06 ID Badging capability allows users to create custom templates for cardholders, with custom fields and placeholders such as visitors, contractors, permanent and temporary staff.

Ensuring secure access and robust cybersecurity measures.

Effective cybersecurity for your systems requires multi-layered protection which includes the encryption of databases and transmission. Microaxs Enterprise also allows you to create robust defences against cyber risks with full protection of data, and flexible control of who accesses your system.

Each system operator is defined by forcing unique usernames and strong passwords, to prevent unauthorised system access, which are protected together with proprietary encryption techniques. Operator permissions can be set at the level you choose and allows you to set expiry dates to restrict access to specific times. In addition, Microaxs Enterprise gives you full auditing and activity reports for each member of your team. Databases are also protected by AES - 256bit encryption to give you the assurance of robust security of personnel files and other sensitive information, while data transmission is protected using Transport Layer Security (TLS) and Secure Socket Layer (SSL).

Importantly, door controllers do not directly communicate with databases to reduce the risk of data being comprised while in transit. Microaxs has developed a unique Data Exchange gateway that uses two-way communication and synchronisation to push information relating to alarms, transactions, and cardholders to databases. And by using HTTP and TLS we secure the transport of data between controllers and our Data Exchange, while APIs are protected by digest access authentication.

Ensuring full compliance with privacy standards and regulations

Microaxs Enterprise supports data privacy regulations, including GDPR, based on the categorisation of users. Records for each category of cardholders can be deleted after a set time, controlled automatically through the scheduler tool. This makes it easy to demonstrate compliance with full data privacy storage rules, for every jurisdiction where you operate.
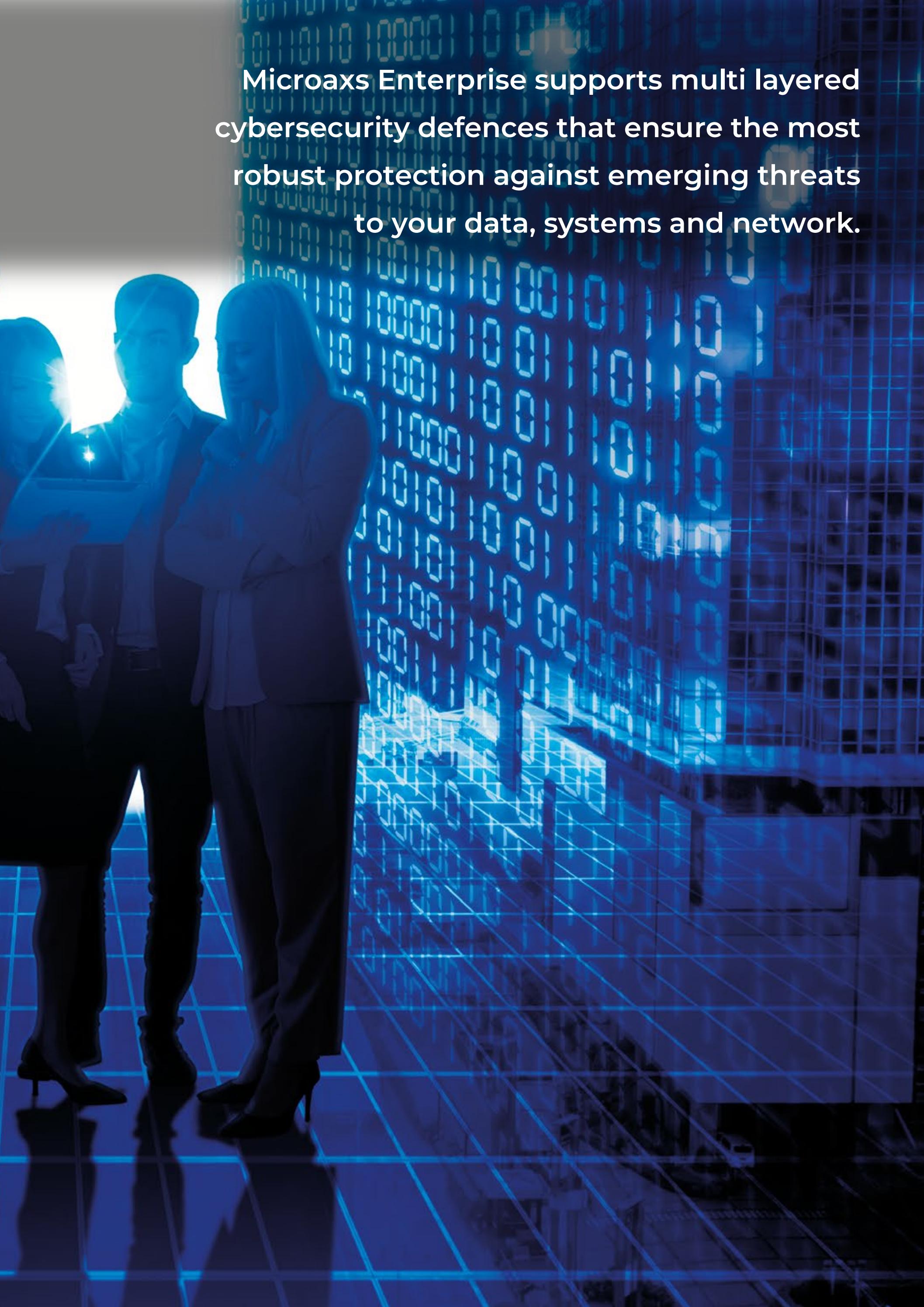
Microaxs Enterprise supports multi layered cybersecurity defences that ensure the most robust protection against emerging threats to your data, systems and network.

SEAMLESS SYSTEMS FUNCTIONALITY FOR THE WIDEST RANGE OF APPLICATIONS AND SECTORS

Retail

Enable efficient centralised control as well as distributed and simple in-store management, with complete intruder, fire, and point of safety integration to allow remote and efficient video-verified investigations into access events, fraud, shrinkage, and health & safety incidents.

Logistics

Secure supply chains, improve health and safety, and ensure full oversight of operations through systems integration allowing smart, automated control at every stage to improve customer service and boost efficiency with analyticsdriven video, automatic license plate verification for vehicle movement and the tracking of goods in and out.

Healthcare

Make it easy for medical teams to work flexibly by enablin staffing allocation with pre-authorised car parking and acc clinics and hospitals and their associated IT networks via and touchless self-service kiosks and tablets, allowing hea providers to adapt to clinical demand day by day.

Microaxs Enterprise lets you achieve the perfect, seamless functionality for all your site security, safety, and operations requirements - making it the definitive choice for a wide range of applications. Microaxs's solution not only addresses the priority challenges which, today, are faced by all major organisations, it can also be easily adapted, scaled and customised to meet your own site-specific needs, case by case, location by location.

Transportation

Streamline operations by remotely managing time and attendance with mobile apps, enable frictionless and secure access with touchless biometrics, pre-empt threats with big data intelligence, verify and re-validate permits to work, and restrict access with timed alerts to significantly boost efficiency and reduce operating costs.

Multi-tenanted buildings

Optimise building usage with occupancy monitoring and integration with BMS, segregate databases and customise operations for each tenant to allow seamless access and enhance front of house and FM services to improve customer satisfaction.

Hotels & Hospitality

Complete, seamless integration of front and back of house operations incorporating Oracle OPERA, Assa Abloy wireless locks, and building management systems giving operators the ability to manage, monitor and control devices from a single platform and ensure a smoother and more welcoming guest experience.

Commercial Offices

Optimise workspace and improve employee productivity and visitor experiences by automating and managing an unlimited number of cardholders from a single interface to flexibly control access to facilities for staff, contractors, and visitors across multiple and international locations

g efficient
ess to
QR codes
althcare

Readers

Controller

Locks

Power
Supply

HARDWARE

MADE IN
USA

TAA
NDAA
COMPLIANT

⚙ CONTROLLER

AX-T102Net / AX-T104Net

### Key Features

⚙ Standard TCP/IP communication, multi-level lightning protection and surge protection

⚙ Large-capacity FLASH, multi-type circuit design optimization, 10 years of continuous power storage data

⚙ Various ways to identify and open the door: card, password, card + password, double card, free access, timing door switch and timing alarm

⚙ Linkage function of the system: the product has reserved abundant interfaces for customers, and a variety of event linkage mechanisms have been added in the design, which can link other events, such as illegal card alarm and alarm linkage door opening, through swiping, illegal card, alarm input and other events

⚙ Perfect access control management: The controller has powerful access control function and can provide perfect management of single door access control

⚙ Realize multi-card opening, password opening, card and password opening and different opening modes in different time periods.
  • First Card
  • Multi-card Open
  • Anti-passback

MX-IPM

Key Features
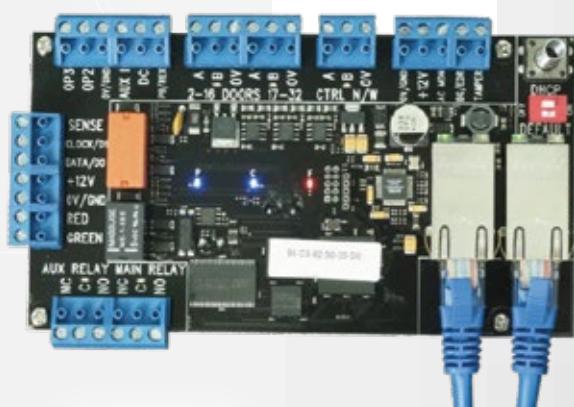
Controls one door directly, with unlimited expansion capabilities ⚙

TCP/IP communications (100/10Mbps) ⚙

DHCP or Static IP addresses ⚙

Password protected built-in web server or FREE downloadable 'Grid' software ⚙

Entry/exit wiegand reader capability ⚙

Reader short circuit protection ⚙

AX-L2 / AX-L4

Key Features

⚙ With the support and attendance software, on-line patrol function

⚙ Support multi-user multi-machine management and monitoring in real-time

⚙ Sends data, quantitative restrictions transmission from the controller

⚙ All weigand interface is compatible 26, 34, 37 agreement with optocoupler protection

⚙ The standard TCP / IP communication, multi-stage lightning protection, surge protection

⚙ Large-capacity Flash memory, stored data is not lost power for 10 years

⚙ All chip imported new and original, to meet industrial requirements to meet the wider work environment

⚙ Identification of a variety of ways to open the door: card, password, card + password, double cards, free passage, timed door switch, timer alarm

⚙ Support multiple events alarm output, such as an invalid card, invalid time, door alarm, the door opened out

⚙ Support network camera, with multi-functional electronic map, enabling real-time network monitoring and video capture
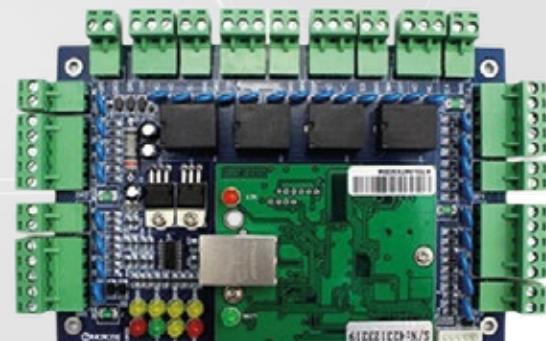
⚙ READERS

MX-RF2PRO

Key Features

⚙ Adopt the non-electromagnetic shielding metal access control patent technology.

⚙ Innovative All-metal Design, no antenna window.

⚙ 125KHz and 13.56Mhz Dual-band antenna, support to read EM/HID/MF/NFC card Support android mobile NFC function.

⚙ Output Format: Wiegand 26-37 bit (default wiegand 26 bit, customized other format, HID card output wiegand 26-37 automatically).

⚙ IP65 Fully potted proces.

MX-RF2PRO

Key Features

Zinc alloy casting process, CNC lathe, sand blast finishing and cappuccino-black painting ⚙ are applied

Various Context Utilisation HID / MF / EM Supported All-Metal Card Reader 65 Ingress ⚙ Protection Up to 5cm

Reading Distance (-20 - 50℃) ⚙

Operating Temperature Wiegand 26-37 Bit ⚙

EM / HID /IC are supported ⚙

MX-P300R-PRO

Key Features

⚙ Entry / Exit reader for IPPro controller

⚙ Standard 26-bit weigand output

⚙ HID proximity compatible (125 kHz)

⚙ Black & white snap-on covers included

⚙ Million or single gang mount models

MX-RF2PRO

Key Features

Digital keypad with backlit keys ⚙

2-key illuminated, moisture-resistant keypad ⚙

Weather and vandal resistant housing with tactile keys ⚙

Built-in tamper switch ⚙

Keypad programmable ⚙

Visual status indicators (LED) ⚙

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⚙ POWER SUPPLY

MX-PSU-6A

Key Features

⚙ 4 Amp DC Power Controller With Large Cabinet

⚙ Regulated and filtered linear DC power, Class 2 outputs

⚙ Field selectable dual voltage

⚙ Fire/emergency release input

⚙ Isolated battery charging circuit

⚙ Input and output surge protection, Visual status indicator (LED)

⚙ Cabinet enclosures with pre-configured control module mounting holes

⚙ LOCKS

MX-ES-55

Key Features

Heavy duty, Stainless steel components

Stainless steel square corner faceplate

Heavy cast housing body and keeper

Corrosion and tamper resistant

Horizontal alignment adjustment

Interchangeable faceplate design

Internally mounted solenoid

Field selectable operation, Field selectable dual voltage

Voltage and current spike protection, Pigtail connectors

MX-PML-600

Key Features

⚙ Wire access chamber with terminal block

⚙ Interlocking quick mount assembly

⚙ Field selectable dual voltage

⚙ Voltage and current spike protection

⚙ Captive lock mounting screws

⚙ Self-drilling and tapping sheet metal screws

⚙ Bond alert status (BAS)

MADE IN USA

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