MILLENNIUM
SECURE YOUR WORLD

ACCESS CONTROL SOLUTIONS

for

Commercial Real-estate

www.mgiaccess.com

PROTECTING BUSINESS FACILITIES, TOOLS AND ITS' PEOPLE

Physical access control is one of the most important aspects of preventive security measures taken at the workplaces around the globe. The importance of securing people, intellectual property, as well as important assets for advanced technology
and research and development cannot be overemphasized.

Commercial properties and any building serving as a workplace requires security that should be robustly controlled through ID based physical restriction for unauthorized access to protect the people, the physical building's perimeter access as well as the internal doors, restricted spaces and assets of the company.

Millennium Group provides a fully customized solution for unparalleled access control for your buildings. Engineered to pass stringent safety standard guideline, Millennium access control ensures inexperienced users, and assets are safe with our door access solutions or any other devices.

We provide state of the art access control plans for any type of building. With Millennium, you are guaranteed to receive expert product recommendations, safe and secure hardware products to fit your custom requirements, top of the line modern software for ultimate flexibility and integrations for every available unique access control need. Our reliability and staying power over the years has earned us the respect that we enjoy. The continuous investment in software development will keep us around even longer.

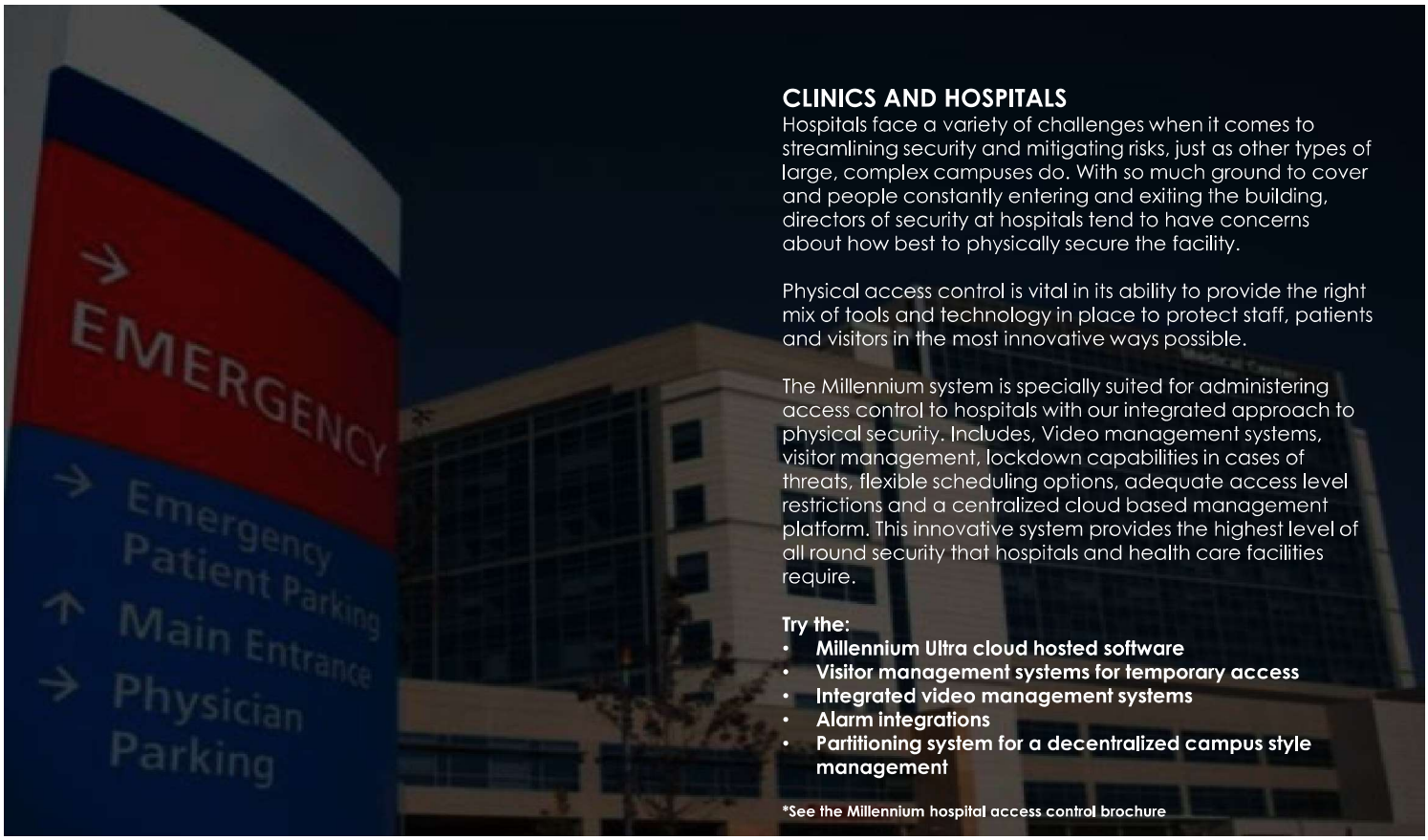
Creating a safe and secure facility is your priority; count on Millennium to provide you with all the tools you need.

BUSINESS PARKS

Business park management main concerns keeping their people safe and preventing the loss of data and intellectual property through white collar crimes. Business park tenants wants to make sure their enterprise data, equipment, inventory and employees are safe at all times. The most effective way to provide a peace of mind for tenants of a business park is to utilize best-in-class physical access control security.

Compatible systems:

- **Millennium cloud hosted system**
- **Elevator management**
- **Millennium Mobile Connect credentials**
- **Visitor management system for lobby area**
- **Intercom systems (2N integration)**
- **Cctv video management and alarm integrations**
- **Wireless controllers for hard wire spaces like stairwells and lobby area**



CLINICS AND HOSPITALS

Hospitals face a variety of challenges when it comes to streamlining security and mitigating risks, just as other types of large, complex campuses do. With so much ground to cover and people constantly entering and exiting the building, directors of security at hospitals tend to have concerns about how best to physically secure the facility.

Physical access control is vital in its ability to provide the right mix of tools and technology in place to protect staff, patients and visitors in the most innovative ways possible.

The Millennium system is specially suited for administering access control to hospitals with our integrated approach to physical security. Includes, Video management systems, visitor management, lockdown capabilities in cases of threats, flexible scheduling options, adequate access level restrictions and a centralized cloud based management platform. This innovative system provides the highest level of all round security that hospitals and health care facilities require.

Try the:

- **Millennium Ultra cloud hosted software**
- **Visitor management systems for temporary access**
- **Integrated video management systems**
- **Alarm integrations**
- **Partitioning system for a decentralized campus style management**

***See the Millennium hospital access control brochure**

MALLS & SHOPPING CENTERS

Shopping centers come in all sizes from the giant regional malls to the small strip-center with only a few stores. With shared common areas like hallways and parking lots, it is important to provide the best possible security to prevent against theft and violent crimes.

Millennium provides customizable solutions allowing individual stores to secure their locations and also provides centralized security for high traffic places and shared spaces.

Try the:

- **Millennium ultra cloud-hosted system**
- **Millennium Plexus to connect multiple stores wirelessly**
- **Millennium Mobile Connect credentials**
- **CCTV and alarm integration with Millennium Ultra software**

HIGH RISE OFFICE BUILDINGS

Protecting high rise buildings comes with its own set of challenges. Adequately securing people and business assets can only be done with a combination of tools and technology.

Millennium access control provides a secure solution that combines door access, video management and personnel verification.

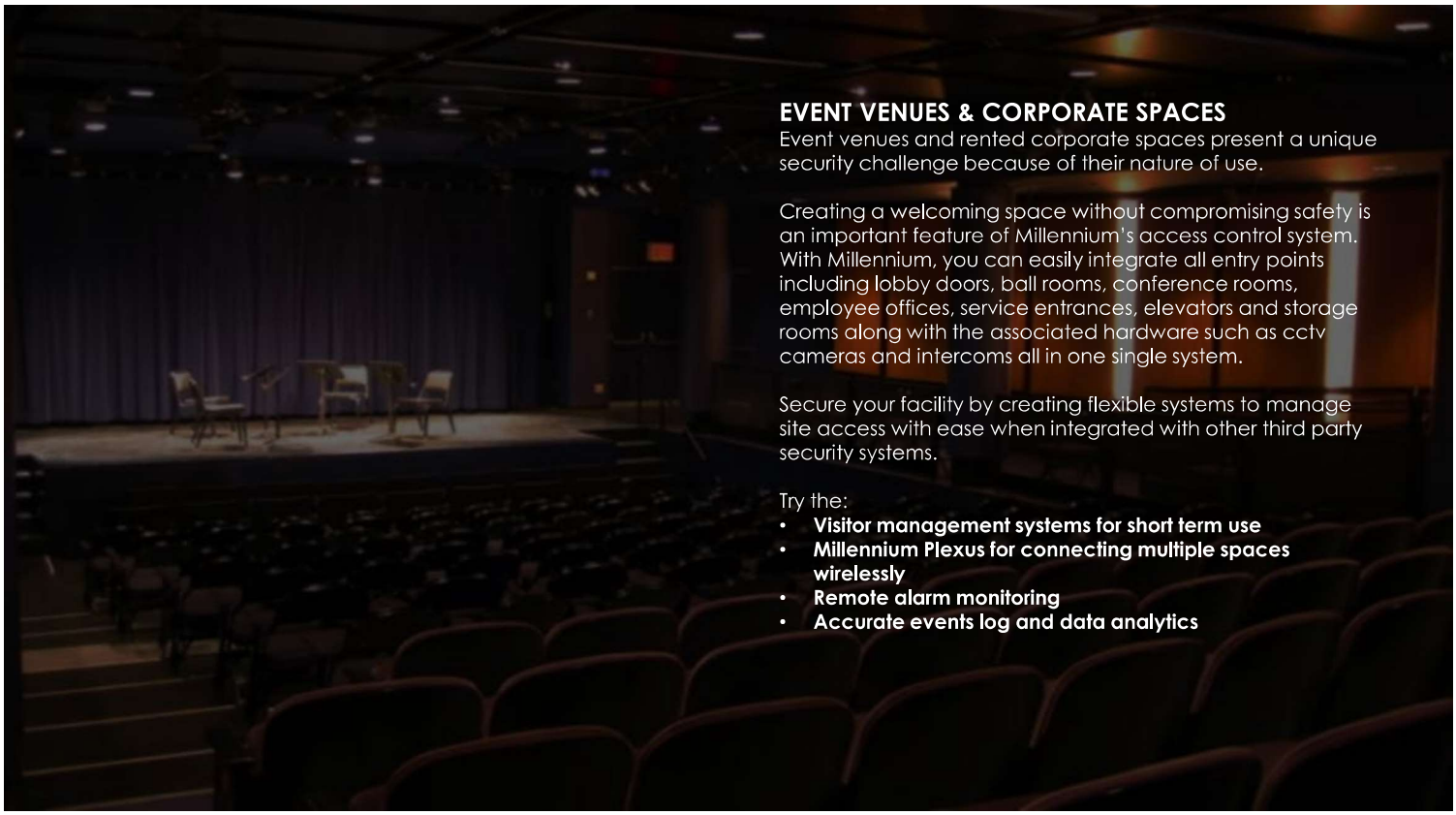
- Ability to provide central system or divided into multiple sections for each tenant to manage independently
- Provide one tag system allowing for single credential to open all authorized doors, elevators and parking structures
- Cloud access allows you to manage all access points securely from any location, remotely
- Provide mobile access to all approved people and allow opening of doors from authorized smartphones
- Combine CCTV and alarm notification systems for a more secure facility
- Create centralized security systems for managing common areas and high traffic pathways such as receptions, elevators, storage and parking structures
- Visitor management systems to provide temporary access to contractors and visitors

WAREHOUSE & MANUFACTURING FACILTIES

Warehouses and manufacturing facilities are designed for ease of access and loading and unloading of materials creating a security issue. Vandalism and theft are two of the major security risks to warehouse and manufacturing facilities because of their remote locations.

Millennium provides access control solutions to protect property and assets especially for inventory rooms, supply areas, labs and equipment spaces. The need to provide entry and exit events scheduling is also an important factor for such facilities.

- **Create custom access for workers based on work schedules**
- **Integrate equipment access with credentials for safety and process accountability**
- **Secure data in HR and accounting offices**
- **CCTV and alarm integrations**
- **Millennium Plexus to wirelessly connect all doors regardless of high ceilings and hard to reach spaces**



EVENT VENUES & CORPORATE SPACES

Event venues and rented corporate spaces present a unique security challenge because of their nature of use.

Creating a welcoming space without compromising safety is an important feature of Millennium's access control system. With Millennium, you can easily integrate all entry points including lobby doors, ball rooms, conference rooms, employee offices, service entrances, elevators and storage rooms along with the associated hardware such as cctv cameras and intercoms all in one single system.

Secure your facility by creating flexible systems to manage site access with ease when integrated with other third party security systems.

Try the:

- **Visitor management systems for short term use**
- **Millennium Plexus for connecting multiple spaces wirelessly**
- **Remote alarm monitoring**
- **Accurate events log and data analytics**

BANKING SECURITY

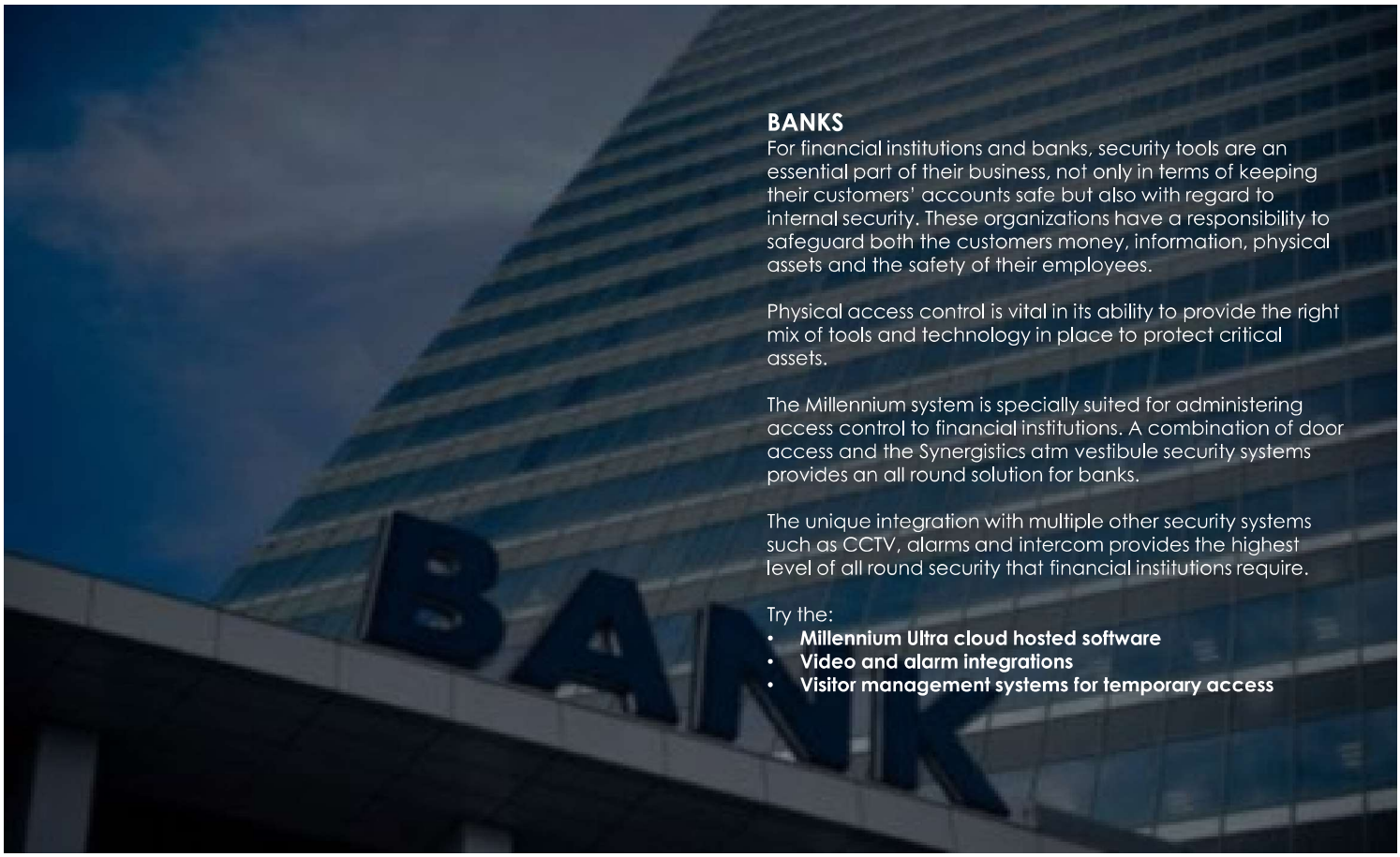
ATM VESTIBULE ACCESS

Automated teller machines (ATMs) are targets for fraud, robberies and other security breaches. In the past, the main purpose of ATMs was to deliver cash in the form of banknotes, and to debit a corresponding bank account. However, ATMs are becoming more complicated, and they now serve numerous functions, thus becoming a high priority target for robbers and hackers.

Millennium's line of Synergistics Premiere Banking ATM vestibule access control systems protect from these threats. Our highly advanced, network access (ATMA) software allows us to deliver reliable, round-the-clock security that's simple to use, affordable, and tremendously powerful. This creates a safe vestibule that customers will return to again and again.

- **Vestibule access system with NFC and anti skimming detection**
- **Insertion readers**
- **Swipe readers**
- **Connectivity with Millennium Ultra access control for all other bank doors and elevators**

Learn more: www.synergisticsbanking.com



BANKS

For financial institutions and banks, security tools are an essential part of their business, not only in terms of keeping their customers' accounts safe but also with regard to internal security. These organizations have a responsibility to safeguard both the customers money, information, physical assets and the safety of their employees.

Physical access control is vital in its ability to provide the right mix of tools and technology in place to protect critical assets.

The Millennium system is specially suited for administering access control to financial institutions. A combination of door access and the Synergistics atm vestibule security systems provides an all round solution for banks.

The unique integration with multiple other security systems such as CCTV, alarms and intercom provides the highest level of all round security that financial institutions require.

Try the:

- **Millennium Ultra cloud hosted software**
- **Video and alarm integrations**
- **Visitor management systems for temporary access**

PERIMETER SECURITY

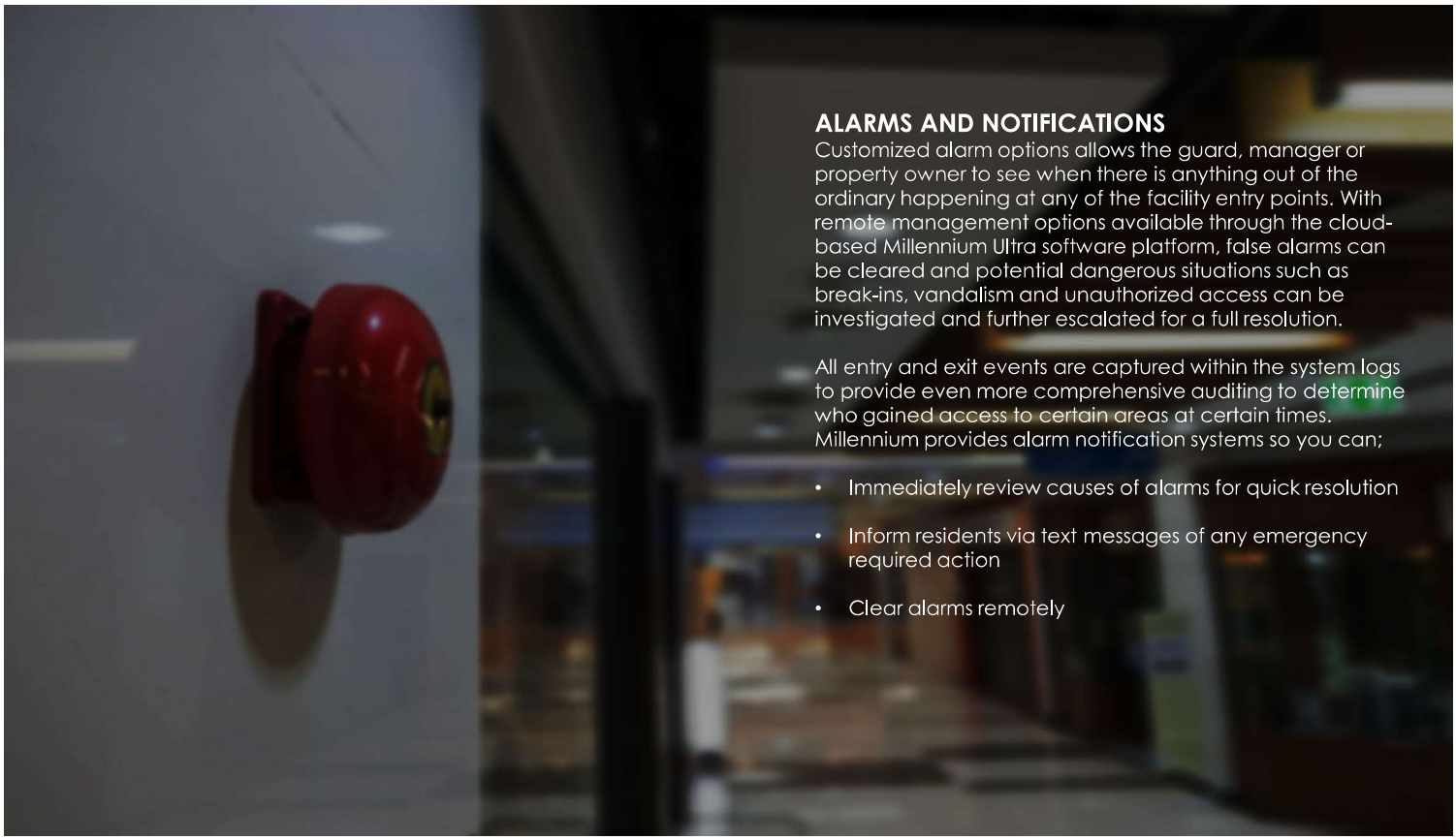
CCTV CAMERAS

CCTV cameras alert guards, security personnel and authorized residents to any security issues around the perimeter of the building, access points and other sensitive areas.

With the array of intelligent integrated Video Management Systems and Millennium Ultra, there is no longer a need to manage multiple view of the complementary security systems. Now you can view and manage live and recorded video footage and respond to live threats all from within the Millennium Ultra software system.

Integrations available include:

- **Cloud based Acoba VMS**
- **Milestone Video Management**
- **March Networks VMS**
- **Aimetis VMS**



ALARMS AND NOTIFICATIONS

Customized alarm options allows the guard, manager or property owner to see when there is anything out of the ordinary happening at any of the facility entry points. With remote management options available through the cloud-based Millennium Ultra software platform, false alarms can be cleared and potential dangerous situations such as break-ins, vandalism and unauthorized access can be investigated and further escalated for a full resolution.

All entry and exit events are captured within the system logs to provide even more comprehensive auditing to determine who gained access to certain areas at certain times. Millennium provides alarm notification systems so you can;

- Immediately review causes of alarms for quick resolution
- Inform residents via text messages of any emergency required action
- Clear alarms remotely

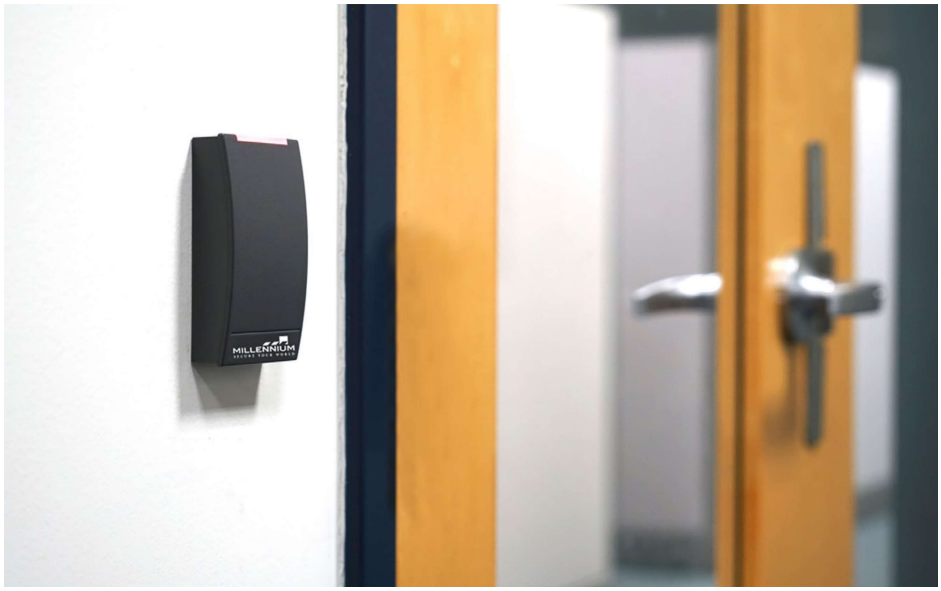
DOORS AND ELEVATORS

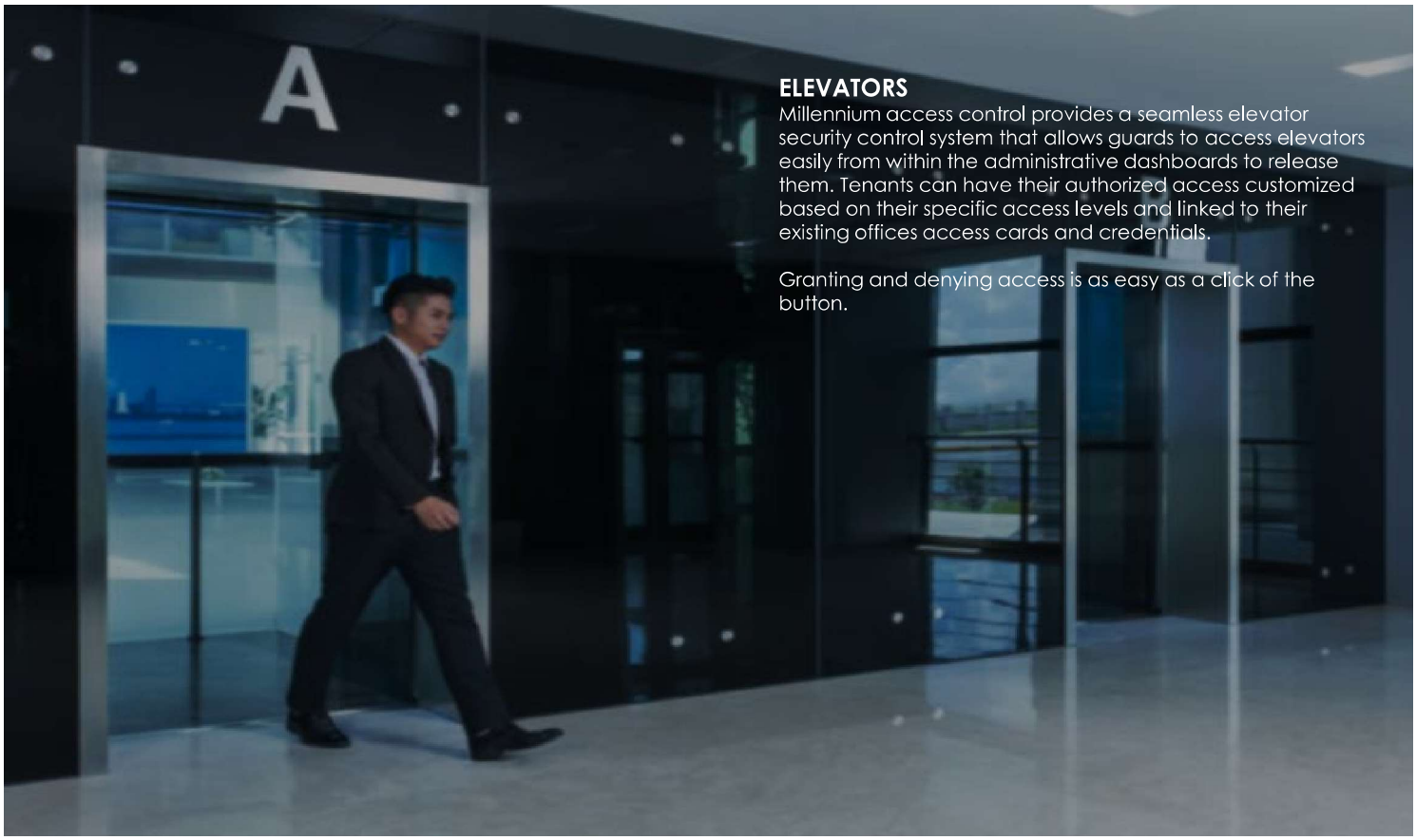
DOOR SECURITY
The essence of the Millennium access control system is to secure entry points.

Explore our array options that go hand in hand with the most robust access control software available in the market today- The Millennium Ultra.

Options ;
- Cloud access control
- Mobile Connect credentials
- Door readers
- Door controller boards
- Site controller boards
- Integrated third party wireless options
- Temporary guest passes for visitors

And the **Millennium Ultra-** flexible, secure and constantly updated to keep it current.





ELEVATORS
Millennium access control provides a seamless elevator security control system that allows guards to access elevators easily from within the administrative dashboards to release them. Tenants can have their authorized access customized based on their specific access levels and linked to their existing offices access cards and credentials.

Granting and denying access is as easy as a click of the button.

PRODUCTS AND OPTIONS

HARDWARE

Our hardware series enables simplified connectivity and unmatched system scalability with a single unit able to support up to 99 door control devices. With best in class flexibility in wiring topology including daisy chain, T-tap, home run and loop back options, the millennium engineered system boards and parts ensure installation efficiency for every conceivable use case.

Commercial facilities benefit from the reliability and scalability of the Millennium hardware options.

NetDCD1 Single IP Door Control Device - Single Reader Ethernet/IP door controller includes plug-in power supply. Perfect for single reader installations such as family homes.

Enhanced DCD Single Door. Single reader door controller intended for use with Enhanced Site Control Unit (149-1019927 alarm inputs, 1 reader port. Works perfectly with single door and multi door installations. Can be used offices, schools, shopping centers and high rise buildings.

Enhanced Site Control Unit. Supervisory controller and ethernet interface with 7 alarm inputs and 1 reader port. Intended for use with Enhanced Door Control Devices (149-101966). Can connect up to 99 doors in a site. Best hardware option for large scale installations such as high rise buildings.

Elevator Control Device. Provides interface and management of access control readers used as part of elevator control system. Intended for use with Elevator Control Units.

Elevator Control Unit 120V.

CLOUD-HOSTED ACCESS CONTROL

Commercial buildings and facilities require as much security as flexibility to enable tenants and visitors the freedom to control their spaces but also grant the property manager the ability to manage security without getting in the way.

Cloud hosted access control provides both convenience and the flexibility to fit any size of facility, from business parks, high rise buildings, shopping centers, event venues to industrial manufacturing facilities and financial institutions.

Our cloud-hosted access control is the Millennium Ultra software without the need for dedicated access control servers, software installations and ongoing maintenance or backups. The cloud-hosted Access Control Solution is designed for a fast and easy installation with full features, capabilities and reliability just like the stable on-premise solutions you expect. Cloud-hosted offers hands off maintenance and leads to the elimination of operator errors from manual upgrades and system updates.

- **Supports unlimited number of readers**
- **Pre-licensed for up to 5 users**
- **Thin client access**
- **Mobile friendly web access**
- **Includes periodic automatic upgrades and upgrades- eliminates obsolescence**
- **Expandable for sites with thousands of doors**
- **Intuitive UI for simplified operation**
- **Quick remote troubleshooting**

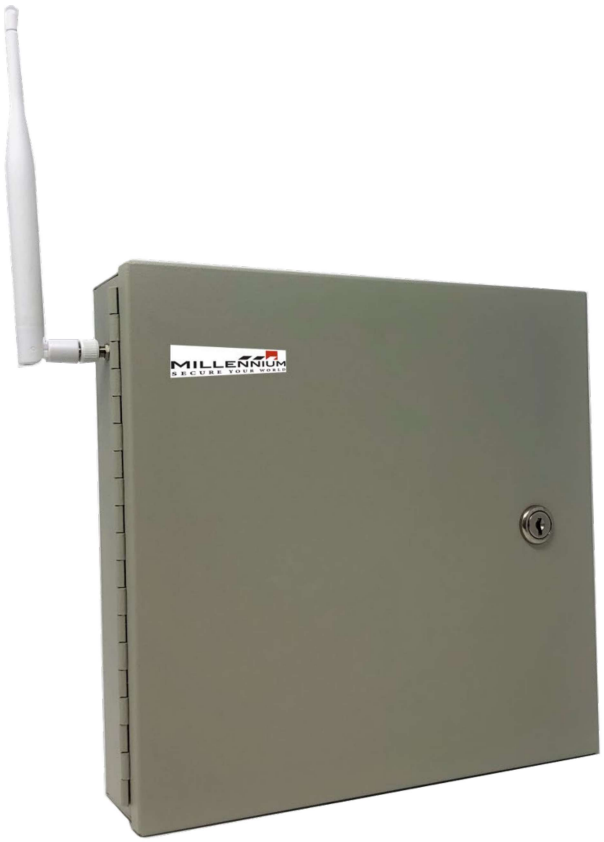
PLEXUS WIRELESS

Millennium Plexus mesh network wireless system provides flexible wireless access control for buildings with wiring limitations, structures with high or plastered ceilings, and sites with a preference for fully secured wireless connectivity such as college dorms. Eliminate lengthy wire runs, reduce installation labor and cost, connect multiple buildings and get stable access control security anywhere you need it.

Compared with traditional Wi-Fi door handles with limited operational features and battery replacement concerns, Plexus gives you the option of a full-featured access control solution with the benefit of wireless connectivity.

Enjoy the flexibility and scalability provided by Plexus for creating completely wireless sites or by expanding existing wired sites with the new wireless controllers.

The perfect fit for industrial and manufacturing facilities.



Included in the standard package:

- Wireless connection using mesh network technology
- Built in redundancies- if one controller goes down the others stay connected
- Millennium Plexus wireless controllers eliminate the need for lengthy wire runs and complicated installs
- Unlike traditional wireless handles, Mesh controllers provide a full featured access control system
- Uses the Bluetooth 5 wireless technology providing more stability than the regular Wi-Fi connectivity of traditional wireless handles
- Up to 150 ft range line of sight
- Allows for multiple pattern connectivity creating systems that encompass both the wired and the wireless systems
- Controllers can be wired directly to a local power source
- Backward compatible with all previous versions of the Millennium access control systems hardware and software

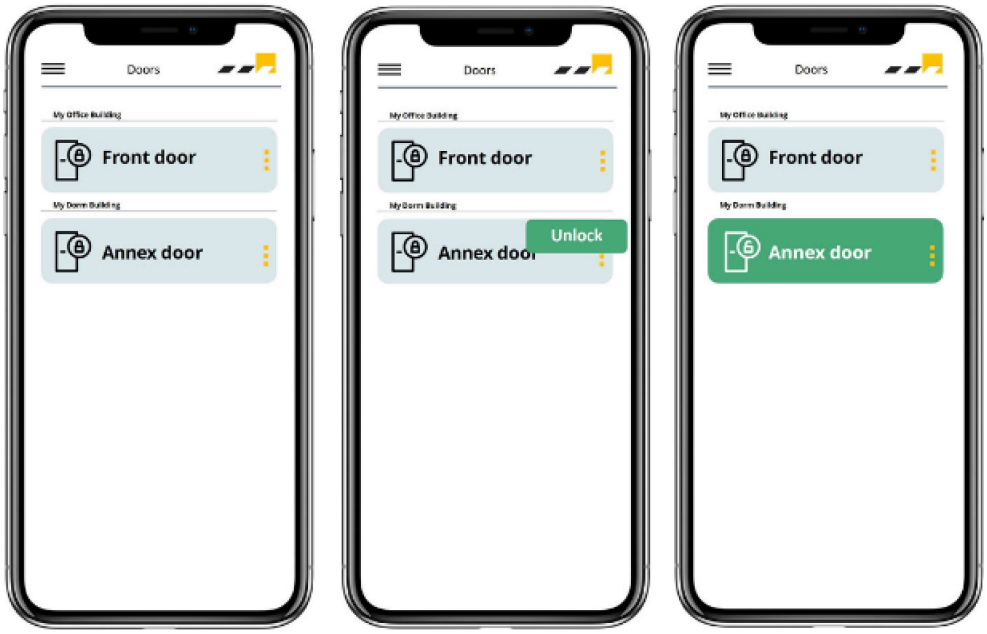
MOBILE CONNECT CREDENTIALS

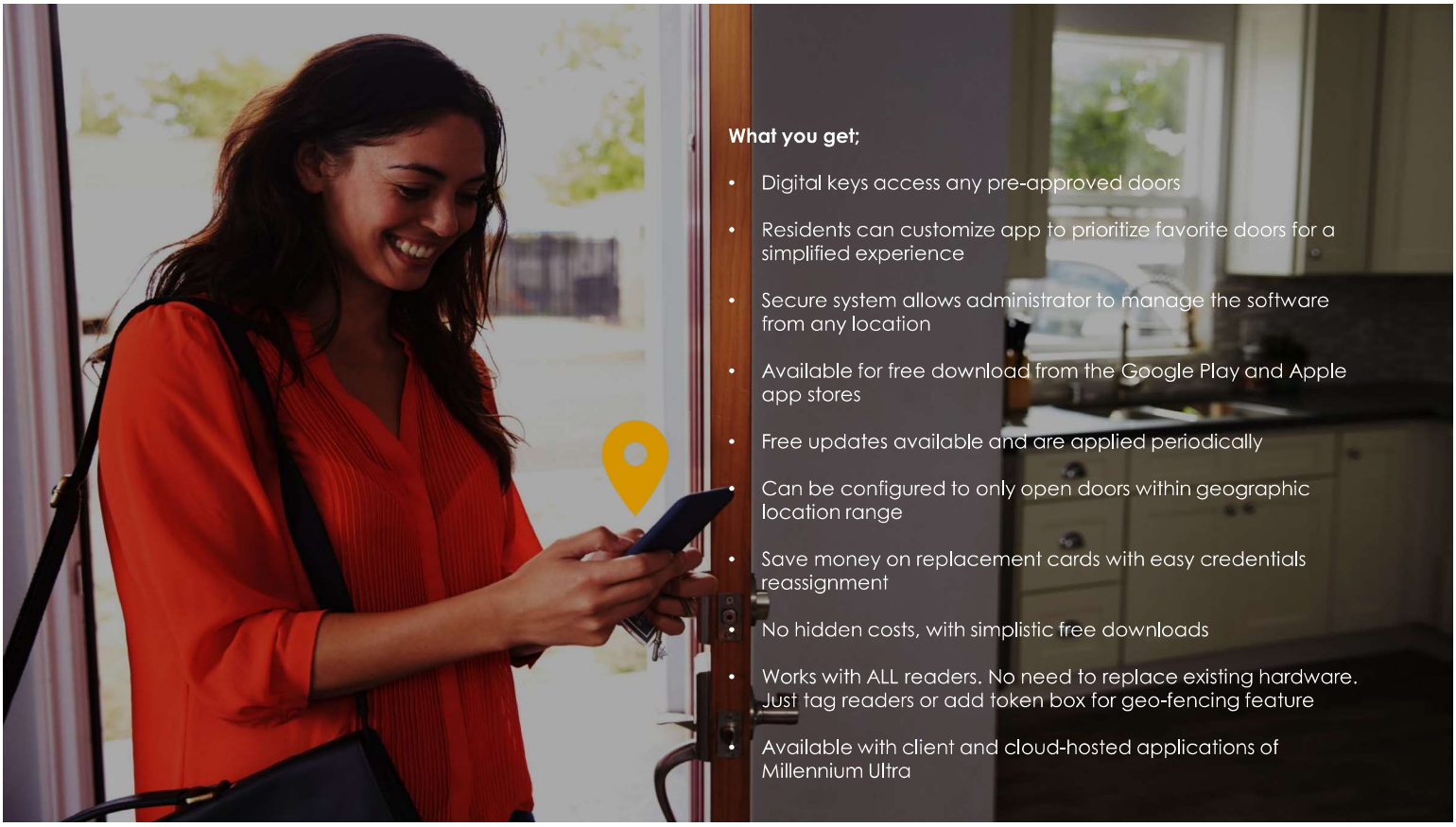
One benefit of access control that is easily overlooked is the flexibility that mobile credentials provide.

The Millennium mobile connect provides increased security, enables ease of operation and the flexibility to easily access doors by approved users. All mobile connect credentials are securely managed through the Millennium software platform and are easily assigned through the administrator to all residents.

With the NEW geo-fencing licensed feature door access can now be controlled with an extra layer of security allowing doors to only open when approved smartphone is within range.

The facility/system managers have full control over issuing and revoking credentials. Revoked credentials can be reassigned, allowing for continued flexibility with tenant/resident turnover.





What you get;

- Digital keys access any pre-approved doors
- Residents can customize app to prioritize favorite doors for a simplified experience
- Secure system allows administrator to manage the software from any location
- Available for free download from the Google Play and Apple app stores
- Free updates available and are applied periodically
- Can be configured to only open doors within geographic location range
- Save money on replacement cards with easy credentials reassignment
- No hidden costs, with simplistic free downloads
- Works with ALL readers. No need to replace existing hardware. Just tag readers or add token box for geo-fencing feature
- Available with client and cloud-hosted applications of Millennium Ultra

INTERCOM INTEGRATION

2N® VERSO
Millennium Ultra integrates with the 2N® IP Verso intercom system to provide a seamless combination of access control and intercom telephony systems.

It provides reliable access control and allows you to easily interface with the software to achieve higher security for tenants of commercial buildings.

Features include

- **Direct calls from intercom to mobile phones and tablets**
- **Intuitive search and control**
- **Modularity**
- **Remote configuration**
- **Touch keypad**
- **Event history**
- **Security relay**
- **Events and alarm log**

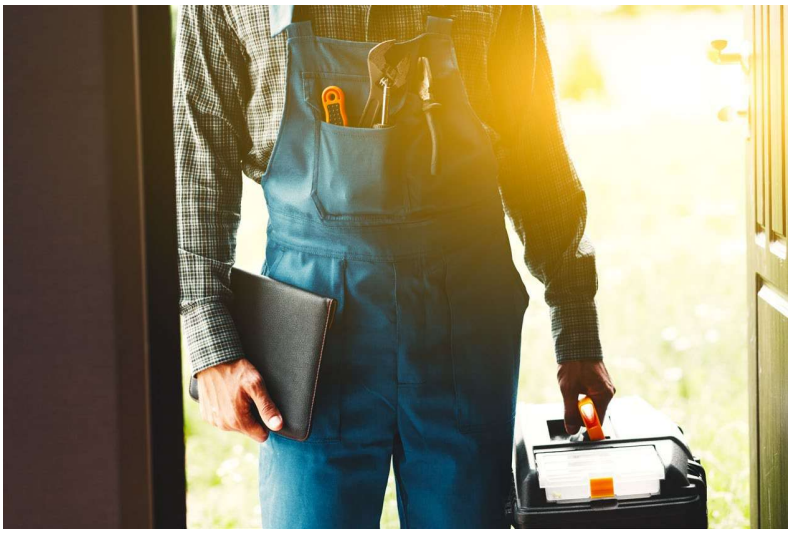
Included in the standard package:

- Ultra Mobile Connect credentials
- 2N intercom integration license
- Intercom proxy service (for Ultra hosted plans only)
- SIP profile with one phone line (5,000 available minutes to landlines and mobile phones in the US per month)

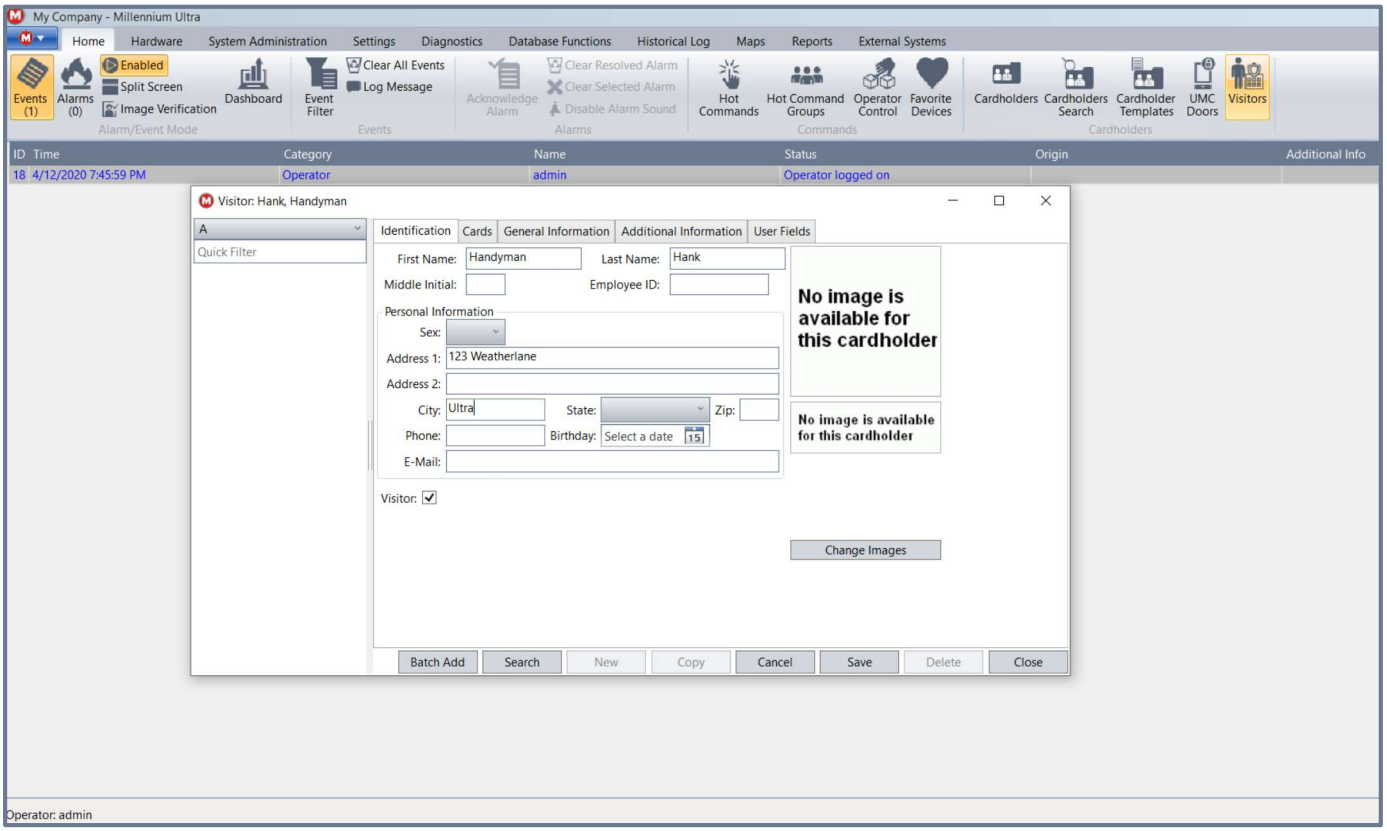
VISITOR MANAGEMENT

Having the option to grant temporary access into offices, warehouses, event centers and high rise buildings is a flexible feature that Millennium offers.

Now, tenants can request for temporary access for contractors, visitors, short term renters and maintenance staff and have this scheduled with ease through the best-in-class Millennium Ultra access control software.



- Can create temporary mobile passes via the Millennium Mobile credentials app
- Create temporary ID badges
- Authorize custom access schedules based on allowable access levels and work schedules in the case of maintenance work
- Easily revoke access whenever
- Ability to view all entry events via the events log
- Can review video log through integrated CCTV from within Millennium Ultra access control dashboard

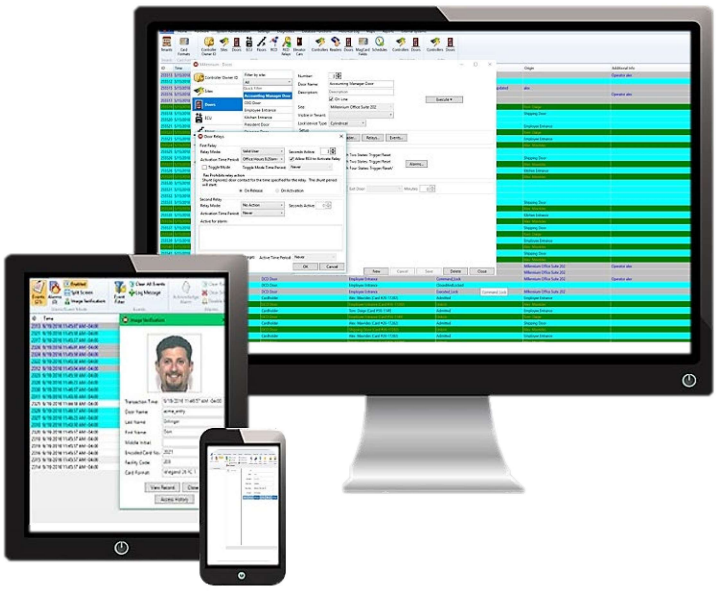


REPORTING AND AUDITING

Designed to curb the challenges of monitoring access control systems, the analytics dashboard provides an ultimate overview on real time data for events, doors and alarm entry all on one screen.

Managing business facilities access control is easier than ever with this accurate events data snapshot.

- Provides insight into active and inactive doors and entry points.
- Intelligent data analysis uncovers insights into how your facility security is performing
- Real time reporting allows for swift action in the event of break in, vandalism and false alarm events.
- Round the clock alarm notification provides peace of mind and removes the burden of lapses when guards change shifts



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