

23
1999-2022
YEARS of
EXCELLENCE

HEALTHCARE
HEALTHCARE
HEALTHCARE
HEALTHCARE
HEALTHCARE
HEALTHCARE



Healthcare Facilities
**SOLUTIONS
& SERVICES**





IP TECHNOLOGIES

at the service of healthcare

With safety and security at the core of our offering, iMotion has a broad portfolio of solutions to protect patients, staff, visitors and property. We offer secure, reliable protection suitable for any hospital environment - from the operating room to the parking garage.

Over the years, iMotion has built up expertise and a reputation as a specialist in security for hospitals and healthcare institutions. Digital security solutions have long played a key role in protecting people and property.

But today, beyond security, intelligent video, audio and access control solutions now allow more visionary healthcare institutions to apply new technologies in many unexpected situations.

- **Safeguard hospital staff from workplace violence**
- **Prevent drug diversion and supply theft**
- **Protect infants from abduction or mix-ups**
- **Restrict unwanted visitor access**
- **Communicate hospital-wide with PA**
- **Communicate with patients in distress**



SMART HOSPITALS

The possibilities are endless



When it comes to providing patient care, there's a direct relationship between technology evolution and quality breakthroughs. Technology advancements in IT hardware and hospital equipment have a direct impact on soft technologies, which include service improvements, more efficient processes and a tight bond between patients and their family members.

Consequently, medical institutions that pioneer and adopt new technologies are well-positioned to provide better care and more valuable service to patients and their families. More than that, new technologies may help diminish loss, identify potential risks, and improve operational efficiency.

Top among technology trends in healthcare is “remote patient monitoring” to establish a remote connection between physicians and patients. This includes teleconsultation as well as communication between various healthcare providers. Another strong trend is “clinical intelligence” to make comprehensive and long-term use of clinical data.



DIGITAL IMAGES

A rich source of information

In the healthcare industry, images are used predominantly in two very different ways: either for medical diagnostic purposes, as in computed tomography and ultrasound equipment, or for physical security. Gradually, though, these possibilities are expanding. Nowadays, images are one of the most comprehensive application tools at the disposal of healthcare establishments. Video surveillance cameras, which used to be only part of the hospital CCTV system, are becoming communication and data capturing devices on the network. This can enhance patient satisfaction, patient care and, above all, enable automatic, efficient and safe processes. Seeing cameras as sensors opens up new possibilities, and each one of them responds to typical demands inside a hospital, clinic or nursing home.

Hospitals that have already embraced the versatility of network based video surveillance are leading the technology transition by combining cameras with access control and audio systems on their IT networks. In the future, hospitals will have video surveillance cameras that will capture data continuously to assess risks, generate automatic alerts, streamline processes, and analyze large volumes of data, with surgical precision.



Access Control
Audio Detection
Facial Recognition
Biometrics Access
Body-worn cameras
Detection / Tracking
Licence Plate Recognition
Incident Management
Identity Management
Evidence Management

CENTRAL MONITORING

for unparalleled supervision



As remote monitoring becomes more common, so too are central monitoring stations at medical facilities. These often oversee multiple sites and are geared to help responders reach accident sites and assist in giving them aid. Medical central monitoring stations typically connect and oversee a range of components including cameras, audio sensors, alarms, vehicle communication and Physical Security Information Management systems - with body-worn cameras growing in popularity.

Video Surveillance

Medical emergencies require strict procedures and swift execution. The right combination of systems and processes working together can locate those who need help and bring the right emergency response quickly. The kinds of cameras used in medical-related surveillance include cameras that send alerts if someone has fallen or has lain prone for a lengthy time. Audio sensors will also detect screams or gunshots. Drones can be sent ahead of responders to detect dangers such as in fire situations or locate people needing help.





TRACKING & MONITORING

For the fastest response

When accidents happen, a GPS and tracking systems can help first responders to quickly reach the scene. With remote monitoring, video analytics software will track the movement of the patients and note unusual activity such as falling or laying still for extended periods. Video summary software is invaluable in reviewing incidents and preventing them from happening again.

Intrusion & alarms

Alarms are a crucial facet of medical emergency response. Alarm systems range from smoke sensors and temperature monitors to audio sensors that react to gunshots or screams.

In the case of remote monitoring, cameras can send alerts if someone has fallen or been laying prone for a long time.

Human Detection / Tracking
Motion Detection
Visitor Management
Intelligent Video Analysis
Thermal Sensors
Suivi des actifs
Fire & Smoke Detection
Intrusion Systems
Audio Detection



SECURE SITE ACCESS

Keep people safe



Keeping patients, staff, and visitors safe is at the heart of what you do. Our integrated security solutions provide complete site control from one central management platform, delivering a seamless experience for your community.

Ensure people can only access areas they are qualified to be in, and effectively manage compliance with your organizational policies and government regulations. Track and audit entry and exit into restricted areas such as medication rooms to ensure access is granted only to those with appropriate qualifications or those who are rostered to be in that area. Ensure secure and sterile entry to restricted areas on site using interlocked doors.

Ensure people on site are safe during a fire event with smoke doors that automatically close within specified fire cells using fire and fuse relays. Lock patient rooms automatically when not in use. Secure specific areas on site with optional first cardholder unlock until a nominated cardholder has accessed it first. Protect staff and assets with 'no alone zones'.





DATA & ASSET PROTECTION

Protect valuable assets

The proper integration with visitor and employee credentials allows you to carefully control access to restricted areas such as medication and medical storage areas, and protect high-risk facilities such as newborn intensive care units. Control access to restricted areas such as medicine cabinets, surgical theaters, and storage facilities. Manage and supervise access to restricted areas with intelligent alarm monitoring and advanced site map functionality. Use zone counting to monitor the number of people in an area.

Utilize locker management

Our fully integrated Locker Management solution allows you to manage locker access, automate allocation, and ensure the best use of locker resources. Flexible allocation times and a dynamic locker viewer make it easy for staff to secure personal items. Enable staff to choose a locker convenient to their location on a day-to-day basis, using a single access credential for both building and locker access (Mobile Connect app or access card).

Improve locker utilization by allocating users to available lockers in real time, avoiding lockers sitting idle. Manage building access and lockers through one system, improving efficiency.



REDUCE CYBER RISK by eliminating vulnerabilities



A cyber breach of your security system has the potential to unlock doors, compromise building systems, expose personal contact details and access data, and provide a way into other systems, which could have far reaching consequences.

Reduce cyber security risks through an end-to-end encryption and user authentication. Protect patient and cyber information in an ever-evolving cyber world, as well as physical protection of medical records in a file room. Identify potential vulnerabilities within your system using a Security Health Check, allowing you to proactively manage and respond to new and evolving security risks.

Implement regular software and hardware updates across all devices to utilize the latest technology and mitigate cyber risks. Utilize our expert configuration advice to deploy the system in a secure environment, following a deployment guide to further strengthen each component.

Enjoy peace of mind knowing that our manufacturers carry out internal and external penetration testing during development to identify vulnerabilities before updates or new solutions are released.



MANAGE VISITORS and contractors

Control access using our Visitor Management interface to create an open yet secure environment that keeps visitors and contractors safe on site. Manage visitor and contractor access on and off site, including updating visitor details, capturing photos and printing visitor labels, and assigning escorts and access cards.

Ensure people are in the right place at the right time, and strict visiting hours are adhered to. Doors are automatically locked outside of visiting hours to ensure high-dependency patients receive the recovery time they need.

Channel patients, visitors, and staff through specific access points and deter or protect them from areas they shouldn't be in.

Manage contractor and visitor time on site by monitoring the use of their access card, including their last door access. Visitor management integrations provide effective control of visiting hours and protocols.



ENSURE RAPID EVACUATION and proper lockdown



A unified central platform helps you respond swiftly and accurately during emergency situations such as fire, natural disaster, terrorist action, or armed attack. Identify, locate, and respond quickly to any potential risks on site, and notify changing threat levels directly to staff phones using Broadcast Notifications.

Respond to violent attacks with enterprise level lockdown capabilities, which are immediate, scalable, and provide an audit trail for review after the event.

Ensure staff, patients, and visitors are kept safe in developing situations using flexible capabilities e.g. during an emergency crisis such as a mass shooting or earthquake.

Implement lockdown and evacuation procedures with the push of a button when an incident occurs. Optimize personnel flow and safety on site during a drill or emergency using Mobile Evacuation.



PARKING MANAGEMENT

Manage car park allocation and access

Managing car park allocation and access can be complex. our Car Park Management solution simplifies this process and allows you to easily manage car park access, assignment, and occupancy from within your central management platform. Save time and money by managing access control and car parks from one system. You will provide a premier user experience for car park users by sending a mobile credential directly to a user's phone, which they can use to request access at a terminal (as seen in picture). You can also confirm car park access, car park space, and date and time of expiry with intuitive user interface on the terminal.

Ensure high car park utilization with a range of expiry modes. Through flexible configurations, view car park spaces on site through the Command Centre Car Park Viewer, which provides a dynamic and interactive list of all car park spaces on site, filtered by allocated, unallocated, occupied, division, and car park. Prevent queues from forming at the entrance when the car park is full, with a configurable grace period that allows a specified number of users to exit the car park. Provide car park access to specific users even if the car park is full, using exemption Access Groups.



A man in profile, looking at a tablet and laptop in a modern office setting. The background is a blurred office environment with other people working. A red diagonal line runs across the image from the top left to the bottom right.

DESIGN PROCESS

and operational requirements



Our design team utilizes its understanding of the design process, contract forms, construction procedure, procurement routes and industrial capabilities, to assist design teams in managing the design process through all phases of a project's life. Our design teams implement management systems reflecting the preferred working method of their clients, protecting their interests while acting as a link with members of the client's project team and the contractor. With this in mind, we are constantly looking for "Value Engineering" to offer our clients, reducing your costs, without reducing the specification or operating requirements. We understand that there has been a need to accurately communicate client and designer intentions to those carrying out the installation.

We also recognize the need to prepare appropriate specifications reflecting the contractual conditions. We ensure that the project specifications produced are tailored to internationally recognized formats that comply with all relevant national standards. Furthermore, we believe that the project design teams produce specifications that are geared to today's modern systems requirements which reflect the aspiration and intent of our client.



MANAGEMENT

of large scale projects

Project Team

The iMotion Project Management Team structure will be tailored to provide an effective organisation capable of managing all aspects of this project and to deliver a concise design. The Project Manager and his/her team will work throughout the project to ensure the design programme objectives are planned and managed within a defined operating framework that brings together all the activities and disciplines involved, thus ensuring all relevant parties are fully aware of project progress.

The Project Team will be headed-up by a qualified and trained Project Manager who has full responsibility to the iMotion Board and the Client for the implementation of the program. All other project personnel will be selected for their proven ability to carry out their selected roles and their practical experience in undertaking similar roles.



IMPLEMENTATION

Easy & Efficient



Able to combine all technologies using Internet protocols, iMotion guides its clients in the implementation of solutions; From analysis to consulting to full deployment of the solution. Whether a IP video surveillance, an access control system, radio frequency identification (RFID) or all of these technologies combined on a single converged IP network; iMotion is the total integration systems' specialist. On each project, we set up a dedicated team to drive the development and implementation of your IP solutions:

Feasibility study

Definition of the needs, its solution, and recommendation for hardware solutions tailored to the operational constraints of each client.

Software Integration

development of a software solution, integrating the existing information system. Our systems integrated IP video can be used for a multitude of applications simultaneously, for example, access control, radio frequency identification (RFID), building management systems, point of sale machines, automatic withdrawals, etc.

Evolvability and flexibility

Your solutions can be extended by adding a simple and rapid new cameras, whether they are on the same site or a new remote site. Choose exactly what you need today and upgrade your system when your needs change.



PARTNERSHIPS

With Leading Manufacturers

Building long lasting relationships

Our relationships with our manufacturing partners are essential to our commitment to quality. We seek out the best companies in the world, who creates well designed, well-made products that are reliable and reasonably priced. We develop long-standing relationships with our partners, so our customers in turn can be confident of their long-standing relationships with iMotion. For over 20 years we have worked with the best partners of the industry producing exceptional security products and accessories.

While the Business regularly evaluates new products offerings, iMotion Security believes the products that is currently offers through our vendors are sufficient to execute and fulfill any foreseeable video surveillance projects.

All of these vendors are considered to be industry leaders in their respective categories.





Founded in 1998, Milestone Systems is a world-leading provider of open platform IP video management software (VMS) with headquarters in Copenhagen, Denmark. Our objective is to improve our clients' organizational processes and increase overall security through the management and distribution of digital video data. Milestone XProtect® VMS is powerful, reliable, easy to use and proven in more than 100,000 installations worldwide. Based on a true open platform, XProtect VMS enables integration with the industry's widest choice in cameras and best-in-class business solutions, such as access control and video analytics.

Milestone's product portfolio also includes Milestone Arcus™, a video surveillance platform designed to be embedded in hardware devices; and the ready-to-use Milestone Husky NVR series, which combines hardware with Milestone's market-leading surveillance software. XProtect VMS is compatible with more than 3,000 encoders, IP cameras and digital video recorders (DVR) from almost 150 different suppliers worldwide.



Gallagher Security is a division of Gallagher Group, a global leader in the innovation, manufacture and marketing of security, animal management, fuel systems and contract manufacturing solutions. Established in 1938, Gallagher Group is a privately owned New Zealand company that employs more than 1100 staff and exports to over 160 countries.

Whether you have one or multiple buildings to protect - regardless of the number of users, iMotion Security provides flexible access solutions tailored to every customer's different requirements: multi-site, multi-company, multi-station... Access control means checking that a person has the necessary clearance to enter an area, building or room. It helps organise human traffic inside a site and selectively manage access to different zones. In this way, sensitive areas can be restricted to identified users subject to predefined times, with all movements recorded in a log. Our technical expertise means we can analyse the badges you use today and recommend the solution best suited to your requirements.



Axis is the market leader in network video and a driving force behind the shift from analog to digital video surveillance, which paves the way for a more secure, smarter and safer world. Axis offers network video solutions for professional installations featuring products and solutions that are based on innovative and open technical platforms.

Axis network video products are installed in public places and areas such as retail chains, airports, trains, motorways, universities, prisons, casinos and banks. Axis is a Swedish-based company, which acts globally via its own offices, representatives and well-developed collaboration with partners. Axis retained its position as clear market leader in network cameras and in the category surveillance cameras. Axis also achieved a market leader position in the category video encoder and thereby strengthens the company's position on the surveillance camera market. Axis was the first company in the world to launch a network camera in 1996, initiating the shift from analog to digital technology.



SALTO

inspired access

From its inception in 2001, SALTO was created with one objective: to devise a world-class access control system that was simple to use and extremely efficient, giving users the ability to control all their access needs and secure all their doors without complex and expensive wiring. Such a solution had to be simple to install and set up, cost-effective, reliable, complete and future-proof.

Since that ground-breaking start, the small group of enthusiastic and highly experienced professionals who founded SALTO has gone on to introduce a series of other innovations that have had a major impact on electronic security. With its online and real-time technology, our market-leading XS4 platform enhances the usability of virtually every building environment by securing nearly every door and enabling the monitoring and control of every user. SALTO hardware and software can be networked without wires to provide real-time intelligence and instant control, while enabling integration with existing systems to improve manageability and enhance end-user experience.



IONODES

IONODES designs, develops and manufactures high quality IP-based video and data processing appliances optimized for use with many other well-known video, data and security management solutions such as Milestone XProtect®.

IONODES' product line includes a wide array of smart appliances, ranging from a complete line of H.264 video encoders & decoders, to more advanced compact server solutions for commercial, industrial and mobile applications.

IONODES line of Hybrid Cloud NVR combined with the IONODES Video Cloud offer an easy way for you to deploy an on-premise Milestone XProtect video solution combined with innovative cloud-based functions. Gain important benefits such as simple and secure live video access and archiving of event-based video clips to cloud-based secure storage.



Honeywell

You can rely on Honeywell for the latest innovations to help you keep up with the IP video market. Because we're your one-stop shop for sales, support and service, you can rest assured that an IP solution backed by Honeywell will be easier to install and maintain. We make sure the products you choose will work the first time – and work together. Trust us to be the only source you need for everything IP

IP is the technology of the future with tremendous potential for growth and cost savings. Honeywell offers a complete IP solution – from their flagship video management platform and robust portfolio of recording solutions, to their IP camera family, which includes a full range of high definition cameras. And the Open Technology Alliance forges strategic relationships with thirdparty vendors to give you ultimate flexibility when designing IP security systems – so you can capitalize on Honeywell's open IP architecture and use the third-party equipment you already have in place to hold down costs and transition to IP with confidence and ease.





Intelligent Management Systems for Keys & Equipment. Traka systems enable you to secure, manage and audit the use of almost any physical asset, including keys, electronic devices, secure areas, equipment, machinery and vehicles. Traka provides intelligent key and equipment management to better protect your important assets – resulting in improved efficiency, reduced downtime, less damage and fewer losses, which in turn means less administration and lower operating costs.

Traka solutions work for any industry! Beyond simply controlling access to physical keys and assets, Traka solutions can bridge the gap in existing security strategies and empower any organization to improve the processes that affect its bottom line. An integrated Traka solution can help your business increase operational efficiency, maximize utilization and strictly enforce security and safety protocols – all from the systems you currently use.



Medeco® is well known for its innovation and use of technology. Medeco's high security solution starts with key control, a process that ensures keys cannot be duplicated without proper permission. With Medeco's patented key control system, it's virtually impossible for someone – even a locksmith--to duplicate a key without proper permission.

In addition, Medeco's high security locks are strong and built to resist physical attacks such as prying, kicking and sawing. Medeco then takes it further with a uniquely designed tumbler pin system that reduces covert compromise such as picking and bumping.

Medeco adds another layer of security with its line of Intelligent Keys, making it easy and convenient to audit and schedule key usage. Installation is a snap. Medeco's Intelligent Keys simply retrofit existing technology without the usual hard wiring requirements.



Aperio® is a new technology developed to complement existing electronic access control systems, providing end-users with a simple, intelligent way to upgrade the controllability and security level of their premises.

The heart of Aperio is a short-distance, wireless communication protocol, designed to link an online electronic access system with an Aperio enabled mechanical lock. Any number of existing doors can be equipped with Aperio, and at a much lower cost than installing the regular electronic access system on every door. Aperio is easily integrated with most units and systems, regardless of the manufacturer, since it has been developed around an open standard.

Expanding your system by adding Aperio technology on additional doors increases the total security level of the premises. It is easy to install and enhances both the management and surveillance of the complete system.



ICT

Traditionally, access control systems and intruder detection systems have worked independently of each other. Our products work together to provide a single cohesive and unified solution that helps you keep unwanted visitors outside, while enabling you to monitor and control access inside. All without having to break a sweat.

At ICT, they believe the key to great software is doing all the hard thinking up-front so you don't have to. There's no better example of this theory in action than the ProtegeGX package. It's an enterprise level integrated access control, intrusion detection, and building automation solution with a feature set that is easy to operate, simple to integrate, and effortless to extend.



2N

2N is a leading European company operating worldwide, specializing in the development and manufacturing of communication solutions. It is a world leader in the field of IP intercom systems. All products comply with the strictest international standards (ISO, TUV, UL, CE) and are compatible with many third-party systems.

Whether IP door communicators for door communication and emergency calls, IP audio systems or M2M systems, 2N products reflect the latest trends in security. Their range of best-in-class products and solutions are designed to make life easier, more enjoyable and safer. In 2016, 2N became part of the AXIS Group.



HIKVISION

Hikvision is a world leading IoT solution provider with video as its core competency. Hikvision now has more than 40,000 employees, over 19,000 of which are R&D engineers. Centered at its Hangzhou headquarters, the R&D teams operate globally, including R&D centers in Montreal, Canada and London, the UK, as well as eight cities in China.

Hikvision advances the core technologies of audio and video encoding, video image processing, and related data storage, as well as forward-looking technologies such as artificial intelligence, cloud computing and big data. Over the past several years, Hikvision deepened its knowledge and experience in meeting customer needs in various vertical markets, including public security, transportation, retail, education, healthcare, financial institutions, intelligent buildings and others.





CERTIFICATIONS and professional associations

Licenses, Qualifications and Accreditations

Obtaining certification is a reflection of the will of the company to position quality, professionalism and know-how at the forefront of its priorities. Our quality and service are frequently recognized by many external organisations. Many of these awards and accreditations are made on a national basis.

iMotion security is committed to providing the best possible service to its customers and users. Our actions are part of a sustainable development and continuous improvement approach.



The National Assembly of Quebec passed the Private Security Act which came fully into force on 22 July. This new Act represents a major reform of the private security industry and follows a long period of reflection and exchange between the people of the private security industry and the Ministère de la sécurité publique (MSP).

The new Act replaces the Act Respecting Detective or Security Agencies which dated from 1962. It requires that any individual who carries on private security activities in Quebec, must now hold an agent licence. It also requires that any person who operates a business providing one or more private security activity must hold an agency licence of the appropriate class for the activities offered. The Private Security Act applies to six distinct class of private security activities, which are: security guarding, investigation, locksmith work, electronic security systems, transport of valuables and security consulting.



The Régie du bâtiment du Québec (RBQ) has been created in 1992. Its mandate is to ensure the quality of construction work as well as the safety of people in the fields of building, electricity, plumbing, gas, petroleum equipment installations, pressure vessels, elevators, passenger ropeways, amusement park rides and public pools and beaches. The RBQ fulfills its mission by adopting standards with regard to building, safety, financial guarantees and professional qualifications, by issuing licences and permits conferring their holders with the rights of exercising, and by overseeing the application of the standards established through regulations.

iMotion Security holds a license from la Régie du Bâtiment du Québec: Find us on the RBQ licence holders repertory - search for #5596-1577-01 Intercommunications, telephone and surveillance. This subclass authorizes construction work that is not reserved for electricals relating to intercommunications, telephone and surveillance systems, and similar or related construction work.



CANASA will be the recognized voice of security in Canada. iMotion Security is a proud member of this association. Established in 1977, the Canadian Security Association (CANASA) is a national not-for-profit organization dedicated to advancing the security industry. They protect and promote the interests of its members and the safety of all Canadians through education, advocacy, and leadership.

The Canasa is a recognized voice of the security industry in Canada and have a growing membership of more than 1300 member organizations in 10 Chapters and Sub-Chapters across the country representing all segments of the industry. The Canasa support their members through a comprehensive network of services, including: high quality security education; leading industry trade shows; government relations and advocacy work; marketing and communications; and the latest industry information and news.



Commission
de la construction
du Québec

The construction industry is a major sector in Quebec, generating some \$30 billion in investments every year. The hundreds of thousands of people involved in the industry, and the companies that employ them, must be constantly on the move throughout the province. This economic activity requires the contribution of many individuals and companies, including architects, engineers, suppliers of materials, workers, and contractors. Together, they form the teams that build bridges, houses, schools, factories, and businesses.

The Quebec construction industry has adopted criteria for hiring workers to which construction companies must conform. The fundamental principle is competency, acquired through training and/or on-the-job experience. To demonstrate their competency and to work in the construction industry falling under the Act Respecting Labour Relations, Vocational Training, and Workforce Management in the Construction Industry (Act R-20), all the iMotion technicians hold a competency certificate.



The Commission de la santé et de la sécurité du travail (CSST) is the organization to which the Government of Québec has entrusted the administration of the occupational health and safety plan. For this purpose, the CSST sees to the application of the following two Acts:

the Act respecting occupational health and safety, the purpose of which is to eliminate at the source dangers to the health, safety and physical well-being of workers;

the Act respecting industrial accidents and occupational diseases, the purpose of which is to compensate for work-related injuries and their consequences for workers, as well as the collection, from employers, of the sums necessary to fund the plan.

iMotion Security holds a certificate of compliance from the CSST.



In the last 30 years, the frequency rate of accidents with injuries in the construction industry has decreased by over 300%. In addition, the number of injuries and serious sequelae following falls have also declined significantly, due among other things, to the wear of the safety harness. More efficient and comfortable, it is now part of everyday life of many workers.

Today the ASP Construction provides training to entrepreneurs and workers that understands that the acquisition of knowledge and skills as well as developing expertise in prevention helps them implement effective measures to eliminate the source of hazards and maintain safe and healthy working conditions on construction sites.

Every technicians at iMotion Security holds a certificate from the ASP Construction.

Let's start something great Together

Our expertise and ability to understand our customer's needs mean that we can always offer the best possible results and the most value for your money.

Montreal, Quebec, Canada
1.514 337.0008

Miami, Florida, USA
1.786 201.3220

San Diego, California, USA
1.866 519.0008

imotion.ca^{MD/™}



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INTEGRATOR

www.imotion.ca