



**RHEA**  
G R O U P

# Physical Security Services and Solutions

Keeping your critical infrastructures and assets safe





## Introduction

Whether you want to protect critical data or infrastructures, or create safe spaces, the best security measures must be highly effective yet unobtrusive. By offering thoughtful design solutions and applying extensive knowledge, our experts incorporate security into the design of any environment. We leverage our deep understanding of the provenance of threats, whether social, personal, cyber or physical, offering tailored security solutions driven by our clients' operational requirements, identified risks and human needs.






RHEA can help you to ensure that your physical infrastructure remains secure and resilient by identifying and disrupting threats, reducing vulnerabilities, minimizing consequences, and accelerating response and recovery. Our security experts work hand in hand with architects and designers to create security mitigation measures that deter crime and make users feel safe and secure. We advise on the integration of security for new builds and help with security design measures when facilities are being remodelled.

Our team includes leading security professionals with a wealth of experience in physical security systems and services. We hold internationally recognized certifications, including Certified Protection Professional (CPP), Project Management Professional (PMP) and Physical Security Professional (PSP).



# Protect your assets: enhance your resilience

Our security experts provide advice and design solutions for critical infrastructures, transportation, construction, public sector and academia.

 <b>Construction</b> Expert advice on physical security systems and security management services.	 <b>Transportation</b> Assessments and design for air, sea and ground transit services.	 <b>Academia</b> Security management services for all levels of education.	 <b>Public sector</b> Government building security solutions.	 <b>Critical infrastructures</b> Solutions for resilient 24x7 critical infrastructure services.
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## ► Construction

Complex infrastructure projects face a multitude of security challenges from theft, vandalism, workplace harassment and other criminal incidents during the construction phases. Managing day-to-day site security can become a time-consuming and overwhelming task without consistent planning and oversight.

RHEA provides a holistic approach to security oversight during the different phases of construction, including initial start-up, testing and commissioning, as well as handover to the final customer.

Throughout the project lifecycle our team manages overall security oversight, including:

- Coordinating third-party security guard services
- Conducting regular site inspections while collaborating with the construction teams
- Addressing security breaches
- Managing video surveillance requirements
- Responding to and investigating security incidents, including interfacing with external police services
- Supporting special events and high-profile visitors to the project.





## ► Transportation

Transit agencies face multiple challenges, ranging from disorderly conduct and fare evasion to the threat of terrorist attacks. Canadian public transit systems have impressive safety and security records, but maintaining complex, multifaceted security measures is challenging and time-consuming.

RHEA boasts the only team across Europe and North America with extensive light rail transit (LRT) security experience. We can help light rail transit operators protect their systems and manage potentially high-risk security demands through effective approaches, placing a strong emphasis on readiness and vigilance. The results ensure the safety and security of employees, the public and the transit agency.

Our team performs public transit risk evaluations for transit operations to ascertain if security

and/or safety measures can be improved. We examine elements that may have been overlooked or undervalued during the planning and design stages, uncovering vulnerabilities and delivering solutions to minimize risks. Whether your project requires a fresh perspective or fully managed solution, our extensive heritage in light rail transit solutions makes us the ideal partner. We also provide verification and validation services (security certification) to ensure that the final product meets or exceeds your requirements.

Including RHEA in your project during the early design stages can reap significant benefits. We can help you avoid redesign delays and achieve substantial cost savings.

## ► Academia

Academic institutions require constant protection of both physical and intellectual property. Faculties, staff and students expect to feel safe and secure while on campus, regardless of their environment.

Physical security can be an ongoing challenge due to the sheer size of a campus. Threats such as property damage, theft, assault and active attacker incidents require a strategic plan to protect individuals while visiting an institution.

RHEA's experts can help educational facilities understand their threats and vulnerabilities, define a holistic security posture, plan and be prepared for potential incidents.



## ► Public sector

Government institutions require constant, highly vigilant protection from both external and internal physical threats, human error and other intentional malicious acts, including ideologically-motivated violent extremism and terrorism. The impact of attacks includes loss of operations, damage to systems (both physical and cyber), injury or loss of life, disruption to continuity of government services, data breaches and a reduction in public confidence.

At RHEA we provide carefully crafted, streamlined solutions tailored to the needs of each government client. From security systems, IT infrastructures and operation centres to security checkpoints and blast mitigation, our solutions are designed to be operationally efficient and compliant. We provide support ranging from consulting on a single feature to complete project management for refurbishments and new builds.



## ► Critical infrastructures

Critical infrastructure environments need constant, highly vigilant protection from cyber and physical threats, as well as human error, malicious insiders and other sources of attack. Disruption to critical infrastructure operations can lead to injury, loss of life and damage to physical and cyber systems, and have severe impacts on business continuity, financial security and overall public confidence.

Our experts help clients to prepare for and respond to serious incidents that may impact the systems and assets needed to keep critical infrastructures available 24/7. We help organizations strengthen their resilience and mitigate risks by maximizing the visibility, security and control of your operational environments.

# Physical security advisory services

Utilizing security best practices, RHEA's security consultants have a broad range of experience encompassing informational elements of security. Whether you are developing a new project or updating the security of an existing enterprise, our team can help develop mitigation solutions for any potential scenario or security issue.

**RHEA's portfolio of specialized physical security services includes:**

## ► Threat risk and vulnerability assessment

Comprehensive threat risk and vulnerability analysis is fundamental to the health and success of an organization's security programme. We can conduct a comprehensive threat risk and vulnerability assessment to evaluate every aspect of your security profile throughout your operation. We will determine which aspects of your infrastructure are critical to maintaining continued functions or services, and vulnerabilities to any threat or hazard.

Once risks and vulnerabilities are assessed and analyzed, security systems can be designed and implemented, followed by the development of security and emergency plans, policies and procedures. The operational requirements and identified risks should determine the security design criteria for any facility.

## ► CPTED services

Crime Prevention Through Environmental Design (CPTED) has three main principles: natural surveillance, access control and territorial reinforcement. Adopting CPTED best practices can integrate relatively inexpensive and effective security benefits into a site.

The appropriate use of CPTED principles and methodology will make facilities safer and less prone to criminal activity. These principles



impact construction, landscaping, walls and fencing, among other aspects of facility design. Using visually pleasing, high-quality solutions that enhance the legitimate use of space, CPTED methods avoid the need for visually-affronting security or target-hardening measures.

RHEA's security experts use CPTED principles to help clients reduce crime through good design and effective building techniques. This multidisciplinary design approach deters criminal behaviour and reduces the fear associated with crime, improving quality of life. We provide solutions and expertise to architects, builders and agency stakeholders with the goal of reducing crime, raising the value and appeal of properties, and improving security and safety.

## ► Architectural and system design

As organizations become increasingly aware of the need for security, they come to RHEA



for balance. This is achieved through a holistic approach, by incorporating security mitigation measures into the design rather than adding mitigations after construction. When security features are integrated during the design phase using CPTED principles, they deter crime in a passive manner, mitigate fear and appear unobtrusive.

Our team can work with designers and architects to create open, welcoming spaces that are discretely secure. We provide vendor-neutral guidance and recommend objective solutions to our clients that best suit their specific security requirements, environment and budget. We work closely with our clients to customize the design of their security systems to meet financial, operational and functional requirements using leading-edge technologies and systems.

Architectural security design works best when security features are implemented from the outset; however, we can also help with security system design when facilities are being remodelled. Previously vulnerable structures and infrastructures can be revamped to reflect a comprehensive security perspective, reduce risk and minimize exposure.

## ► Project management and implementation

RHEA provides a turnkey solution to our clients. In addition to security reviews and provision of mitigation strategies, our team will provide the hands-on expertise to prioritize and implement solutions. This includes the development of a 'Request for Proposal' process, selection of qualified integrators, management of the implementation process and certification of the completed project.

Our team will oversee the project delivery so that costly and time-consuming deficiencies are mitigated and the project is constructed as designed.

## ► Emergency response planning and exercises

RHEA provides a wealth of expertise in emergency management. Our professionals can develop comprehensive, full-scale and tabletop exercises that can be used to test organizational readiness, response protocols, roles and responsibilities, response capabilities and recovery.

### Compliance services

RHEA has developed security certification and compliance programmes tailored to our clients' and/or project-specific needs. Our team will identify security design requirements that will be verified during design and validated after construction.

Implementing a compliance process will enable your organization to present a cost-effective way to keep pace with regulatory demand, provide strategic guidance and drive sustainable growth.

## How to engage with RHEA

RHEA can help you identify where and how your organization is exposed. Whether you are investigating sensitive matters or responding to specific threats, we can help you protect people, information and assets at every level of industry and government. We provide security project management and implementation, and can help you develop your security and emergency response plans, policies and procedures.



Our services are available as a complete or an individual service. Our approach is to establish an ongoing security partnership with our clients.

The start of this journey is a free consultation where we explore your security needs and agree the scope of services required. Our team will provide you with a concise, fully costed and

confidential proposal. We ask that this work is performed under a non-disclosure agreement (NDA) to ensure confidentiality on both sides.

Our approach is to be transparent on costs and concise on the benefits that we will deliver, so you can explore the benefits you can expect from working with us.

## About RHEA Group

RHEA Group is a professional engineering and solutions company, offering system development, security and engineering services for space, government, defence and other critical infrastructure organizations across Europe and North America.

Over the past 30 years, we have built a reputation as a trusted partner. We develop solutions that help drive organizational and cultural initiatives, leading to sustainable added value for our clients.

Headquartered in Belgium, RHEA Group employs over 800 people who work in offices and at client sites across Belgium, France, Czech Republic, Italy, Germany, Spain, the Netherlands, Luxembourg, the UK and Canada.

In Canada, RHEA Inc. specializes in cyber and physical security, information technology, systems engineering and software development, and technical support. Our headquarters are in Montréal, Quebec, and our teams work at sites across Canada.

RHEA is ISO 9001 and ISO 27001 certified.



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