



AVIATION SECURITY

GHD is an international professional services company providing Aviation Security and Border Security solutions. Our professionals have practical security experience that can assist in the management, identification, treatment and evaluation of security threats and delivery of practical, cost-effective and sustainable security measures and management solutions.

AVIATION SECURITY

Following the events of September 11, 2001 and the ongoing threat of terrorist, criminal and nuisance attacks throughout the world, the security of the aviation sector has become of critical importance to the owners and operators of aircraft, businesses relying on aviation freight services and the travelling public.

Aviation security is not a new concept and has evolved over the previous 30 years due to numerous security events, such as siege/hostage incidents, bombings and other terrorist and criminal acts.

ICAO security requirements and the changing security environment domestically and internationally has resulted in the implementation of new aviation security regulations.

GHD's involvement in both the aviation and security arenas allows us to provide a range of security services within the aviation environment. We understand the aviation industry, aircraft, terminal and freight operations and the complex network of activities required to support such operations.

Our approach and the integration of security consultants and aviation specialists enables us to provide a complete package during any phase of a project's development. This includes delivery of aviation security plans, security management arrangements, and design and implementation of physical security controls.

Our intention is to provide an integrated security package, which not only achieves the requirements of ICAO Annex 17 and relevant local legislation, but also satisfies the needs of the business with respect to sustainability, effectiveness and flexibility of the security solutions to cope with changes in the business environment.

OUR APPROACH

We provide a range of solutions and alternatives for the provision of Security consulting services - from an individual security service through to a complete security solution. Our aim is to provide our clients with the ability to manage the security of their infrastructure through the introduction and ongoing management of a sustainable and effective security regime.

Our approach is balanced - integrating management processes, security technology, manpower and well designed infrastructure to provide security solutions which are robust and can cater for changes in the external environment whilst remaining cost-effective.

OUR SERVICES

Our core Security services to the aviation industry are:

- Security program development
- Strategic planning and implementation
- Corporate governance advice
- Government management and Board briefings
- Policy and regulation
- Compliance support
- Training
- Financial and risk assessment
- Auditing
- Design and implementation of management and physical security measures

SECURITY CONSULTING SERVICES

SECURITY MANAGEMENT

- ▶ Business continuity management
- ▶ Security risk management
- ▶ Emergency planning
- ▶ Disaster planning/management
- ▶ Threat and vulnerability assessment
- ▶ Security management benchmarking and gap analysis
- ▶ Scenario planning and recovery modelling
- ▶ Contingency planning and emergency response
- ▶ Criminology and intelligence analysis
- ▶ Security due diligence
- ▶ Natural hazard and disaster planning
- ▶ Site specific security risk assessments and auditing
- ▶ Corporate governance of security

SECURITY TECHNOLOGY

- ▶ Integrated security design services (including architectural and physical design)
- ▶ Design of Type 1 and commercial security alarm systems
- ▶ Design of electronic and physical access control systems
- ▶ Design of CCTV systems
- ▶ Design of security barriers
- ▶ Project management
- ▶ Management of security maintenance contracts
- ▶ Security system audit, review and assessment

INFRASTRUCTURE SECURITY

- ▶ Site masterplanning for security
- ▶ Architectural design for security
- ▶ Design and documentation of high-security facilities
- ▶ Blast impact modelling and design for blast resistance
- ▶ Critical asset identification
- ▶ Vulnerability assessment
- ▶ Facility hardening
- ▶ Crime prevention through environmental design
- ▶ Water and air quality modelling and design
- ▶ Project management
- ▶ Maritime security
- ▶ Aviation security

INFORMATION SECURITY

- ▶ Security threat and risk assessments
- ▶ Information security awareness and training programs
- ▶ Review and development of information security policy frameworks
- ▶ Security management process review and implementation
- ▶ Information security plan development
- ▶ Information technology security solutions to support the business objectives

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