

planning today
PROTECTING TOMORROW



Consulting & Training Services: » Security » Fire » Technology » Events

From small beginnings...

» Since 2003 SGW has been providing independent security risk management and security engineering consultancy services. After a few years of trading, the company became recognised as one of the leading independent security consultancies in the UK, importantly

maintaining its status to be small enough to be readily responsive yet large enough to consult on the most complex and demanding of security projects

...we just grew...

Working internationally, it became clear that an overlap of parallel services often existed between fire, life safety and security disciplines, with many client's preferring the 'umbrella approach' to ensure consistency of service. Following thorough market research and the successful implementation of multi-disciplinary projects, the company refreshed it's branding to reflect an ever growing diverse portfolio of consulting and training services.



Services Portfolio

Recognising that our clients benefit from a multi-disciplinary consultancy service, SGW work in partnership with our clients, striving to provide knowledge, expertise, innovation, enthusiasm and value-added solutions for any project or client requirement.

No project is too large, too small, too simple or too complex. Each client receives concentrated individual attention from a qualified and experienced project team, to ensure timely delivery against each Customer's specific requirements.

Consulting & Training Services:

- » Security
- » Fire
- » Technology
- » Events

Security

The foresight of organisations to analyse security risks which could impact upon their critical assets ahead of time allows the creation of a cohesive security strategy that provides clarity and direction in regard to the critical elements of the security risk management framework.

» SGW provide a comprehensive portfolio of Security engineering services – which can be defined as “the protection of the health of the population, the built environment and infrastructure against terrorism, sabotage and crime by the application of engineering and scientific principles”.

With an ever increasing accumulation of comprehensive security measures available in today’s society, unbiased expert knowledge is essential to ensure that electronic, manpower and physical

security solutions are being used to their full potential and all risks within a business are identified and mitigated effectively and efficiently.

Underpinned by broad experience and specialist skills, characterised by clear objectivity and freedom from bias, SGW deliver and support clients internationally. Regardless of project size and complexity, our aim is to provide a seamless integrated solution that is innovative yet proven in its approach to emerging technologies and threats.

Our Services

- » Security master planning
- » Threat & Risk Assessment (TARA)
- » Security Risk Assessment (SRA)
- » Security strategy
- » Crime Prevention Through Environmental Design (CPTED)
- » Business continuity planning
- » Security technology
- » CCTV & security systems consultancy
- » Control room design



Fire

Fire safety engineering is the application of science and engineering principles to protect people and their environments from the destructive effects of fire and smoke.

» SGW’s fire safety engineering professionals have the experience and specialist knowledge to advise, assess and design across the built environment.

The protection of people, assets and the continuity of business operations are combined in our holistic fire strategies. Fire safety management and passive and active fire protection systems are balanced by SGW to be completely optimised for each facility. Our strategic approach provides consistent risk management, regulatory compliance and practical long term management regimes.

SGW identify and assess risks then design safeguards that aid in preventing, controlling, and mitigating the effects of fires. We assist architects, building owners and developers in evaluating buildings’ life safety and property protection goals.

We can be engaged to provide fire investigation and 3rd party review for performance based fire engineering solutions submitted in support of local building regulation applications.

Our Services

- » Fire risk assessment
- » Fire safety audits
- » Fire engineering
- » Fire detection systems design
- » Fire suppression systems design
- » Fire evacuation strategy
- » CFD (Computational Fluid Dynamics)
- » Fire legislation advice



Training

SGW training provides the acquisition of knowledge, skills, and competencies as a result of the teaching of vocational or practical skills and knowledge in our core area of consulting operations.

» SGW recognise the importance of focussed training to ensure an organisation's human resource teams are competent to deliver and manage effective fire, life safety and security strategies seamlessly as part of an overall holistic approach. We deliver a range of 'off the shelf' and bespoke courses, written and delivered by experienced trainers to clients around the world.

Benefitting from 'hands on' consulting expertise in security, fire and counter terrorism enables us to provide integrated

tuition across current legislative and relative subject related disciplines. Courses are designed to suit all levels – from newcomers to the business through to seasoned professionals; from system operators, installers and supervisors through to managers and directors, all are offered at our excellent facilities near East Midlands Airport in (UK) and Abu Dhabi (UAE), at the client's site which could be anywhere in the world or at any Regus Business Centre worldwide

Our Services

- » Security management training
- » CCTV & security systems training
- » Control room training
- » Sales & marketing for security professionals
- » Managing safety & security projects
- » Health & safety training
- » Communications technology
- » Counter terrorism training
- » Counter terrorist dynamic awareness
- » Business continuity management training
- » Conflict & crisis management training



Documentation

SGW understand that not every organisation wants to financially commit to investing in competent 'in house' human resource necessary to prepare and manage coordinated operational documentation.

» Our site specific plans, policies and procedures and guard post assignment instructions are an essential component necessary to run a safe and secure operation or facility which addresses current legislative compliance.

Developed by our teams of fire, life safety and security specialists having had many years of successfully delivering customised

documentation solutions, SGW have designed a framework of generic suitable and effective policies, plans and procedures. Working closely with our clients, SGW ensure that policies and procedures are legal, practical and relevant to each organisation, providing peace of mind and the freedom to get on with business.

Our Services

- » Security plans, policies & procedures
- » Fire safety plans, policies & procedures
- » Evacuation plans & audits
- » Severe weather plans
- » Visitor control plans
- » Parking control plans
- » Emergency closure plan
- » Major event fire & security plans
- » Data compliance documentation
- » Control room compliance packs
- » Evidence downloads packs
- » Control room documentation
- » Computer aided design (CAD)



Communications

SGW provide unbiased consulting advice relating to customized cutting edge communications solutions for public and private organisations.

» Through our longevity of project based experience, designing complex city centre surveillance, community safety and urban traffic control communication networks, we have a high pedigree in consulting and managing the most demanding of transmission network projects.

Independently monitoring all the latest technologies, best practices, standards and market trends allow SGW to offer a comprehensive range of communications advice and support. SGW guides its clients through the complex arena of modern technology delivering unbiased advice,

expert planning and innovative solutions designed for productivity, mobility and remote access combining voice, video and data applications. Through strategy design, architecture development, vendor evaluations, support model and resource realignment, technology implementation and operations support, SGW offer a total convergence solution.

Our Services

- » Voice, video and data networks
- » Digital signal processing
- » Wireless networks
- » Fibre optic networks
- » Ethernet networks
- » Software development kits (SDK's)
- » Bespoke interface design development
- » Legacy systems integration
- » Customer information
- » Vehicle tracking
- » Passenger communication
- » Bespoke solutions for hazardous environments



Counter Terrorism

In the current political climate across the world, the threat of terrorism is real and on-going. The primary role of SGW's advisers is to provide competent unbiased counter terrorism security advice

» SGW support public and private sector organisations, taking into account both conventional and non-conventional terrorist techniques with the aim of reducing Vulnerability to terrorist actions and ultimately preserving life safety in the event of a terrorist attack.

SGW's specialist team offer design advice and a structured methodology to reduce physical damage to structural and non-structural components of buildings and related infrastructure, minimising resultant casualties during conventional bomb attacks.

The identification of key threats is the first stage of any blast study for a new development. Explosion threat scenarios are typically specified in terms of an explosive charge weight at a standoff distance from the target structure.

SGW provides advice on best practice design for blast resistance and mitigation methods to reduce the risk of damage from bomb blasts. SGW works with architects to reduce these problem areas at the early concept design stage to assist building designers with appropriate mitigation countermeasures.

Our Services

- » Explosive effects analysis
- » Bomb shelter measures
- » Blast protective countermeasures
- » Baggage handling, X-ray, metal detection, thermal imaging
- » Under vehicle scanning systems
- » CBRN risk assessment and countermeasures



Chemical Biological Radiological Nuclear (CBRN) risk assessment and design strategies to minimise the spread of toxic agents and resulting contamination are becoming increasingly requested, SGW provides a full range of services from risk assessment to the design of engineered mitigation solutions.

Law Enforcement

SGW supports the legal profession with expert witness services in our core area of fire, life safety and security services.

» By virtue of education, training and competence, SGW's qualified team has the longevity of experience and specialist knowledge, sufficient that others may officially and legally rely upon our witness's (scientific, technical or other) opinion about an evidence or fact issue within the scope of our subject matter.

Closed Circuit Television (CCTV) is now playing a major part in the prevention and detection of crime. It is extensively used by our legal system, and is often crucial to the outcome of an investigation. More and more video data is being captured each day.

This video data records actual events and can provide reliable identification which is crucial as evidence in the criminal justice system.

Video forensics services such as those provided by SGW are core to the expert analysis and interpretation of this data. SGW's imagery specialists utilise developed powerful techniques to provide objective, quality, and cost-effective expert security analysis and expert witness testimony to commercial, corporate, educational, institutional, industrial, governmental and legal entities around the world.

Our Services

- » Expert witness services
- » Audio & video enhancement
- » Imagery analysis
- » CCTV interpretation
- » Height estimations & vehicle/clothing/object comparisons
- » Facial mapping
- » Imagery enhancement
- » Confidential investigations
- » Technical surveillance countermeasures (TSCM)



Event Management

SGW's Event management service is the application of project management to the creation and development of successful seminars, conferences and independent product benchmarking tests in our core area of fire, life safety and security services.

» Our mission is to create a forum where industry experts, peer groups, project sponsors, architects, engineers, law enforcement, fire and civil defence agencies can come together to share best practice experiences and meet leading industry manufacturers, installers and suppliers of fire, life safety and security products and services.

At SGW, we focus on topical areas of our industry and leading edge technology, identifying the target audience, devising

the event concept, planning the logistics and coordinating the technical aspects before actually delivering the event.

During our seminars and conferences, there will be several opportunities for delegates to network with exhibitors who are displaying their products and services. At some of our events, we facilitate scheduled 'meet the buyer' face to face meetings between vendor and buyer, providing an invaluable forum to do business.

Our Services

- » Conferences
- » Seminars
- » Continued professional development (CPD)
- » Briefings
- » Public speaking
- » Product launches & equipment comparison
- » Evaluation tests



An international company...

The UK fire and security sector is one of the most diverse and technically advanced in the world. UK companies combine cutting edge technologies with extensive operational experience to protect people, assets and critical national infrastructure. SGW's pedigree originates from this arena which the company has now taken to the international stage.

From our operational locations in the UK and Middle East, SGW is strategically placed to offer a truly global service.

Our Strengths

We have put together a team consisting of some of the industry's top professionals, who hold a vast array of industry qualifications and operational experience to ensure SGW is best placed to identify individual client requirements. Because of our multi-disciplinary capability, SGW can offer fully integrated delivery teams to both local and international customers.

SGW boast a wealth of large project experience, project management, data management, planning and quality management skills. The multi-faceted skill set provides the company with the opportunity to be truly innovative and transfer experience and techniques across discipline boundaries.

Our Values

At the heart of SGW's operations is a fully documented quality management system which is in accordance with the requirements of ISO 9001. We pride ourselves on the responsive and collaborative way we work together - as a commercial organisation our continued success depends on it. SGW's consultancy and training programme assignments frequently require team-based structures across both regional and technical boundaries. We are continually striving to ensure that we offer clients the best team possible wherever it may be located.

Customer Satisfaction

The key to SGW's success is our commitment to clients and the recognition that good customer service is the lifeblood of any organisation.



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