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# Security Specialists



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Protective Clothing/Covert/Detection/Surveillance/Investigative



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# Foreword

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In the security sector Northern Ireland has a wide range of highly skilled and internationally recognised companies delivering products and services to customers throughout the world.

In this brochure you will find profiles of some 58 businesses and organisations that are involved in delivering a range of security services from consultancy, intelligence gathering and training, through to forensic toxicology.

Many of the companies profiled in this brochure have developed cutting-edge products that are relied upon around the world to assist and safeguard police and fire fighters working in dangerous and hostile environments.

The products include innovative biometric identity management solutions, best-in-class air defence systems, sophisticated geospatial data services, hi-tech blast-proof glass and walls and high performance protective clothing.

The leading-edge expertise of our universities is also represented in this brochure. The Centre for Secure Information Technologies based in Queen's University Belfast is a global innovation hub for cyber security, with specialists in data encryption, networking, wireless security and intelligent surveillance.

The Intelligent Systems Research Centre, part of the University of Ulster, is a major research unit dedicated to the creation of intelligent computational systems, while the university's Institute for Fire Safety Engineering Research and Technology focuses on fire dynamics and materials, structural fire engineering, and human behaviour in fire.

Our highly developed security sector has been shaped by Northern Ireland's unique experiences of policing within a conflict and post conflict society; that experience has resulted in our security expertise being second to none.

As such Northern Ireland's security sector has much to contribute to the work and safety of police and fire firefighters around the world.

A handwritten signature in black ink, appearing to read 'Alastair Hamilton'.

**Alastair Hamilton**  
Chief Executive  
Invest Northern Ireland

# ADS Northern Ireland



First Floor, Main Building  
Bombardier Aerospace  
Belfast  
BT3 9DZ

**Web:** [www.adsgroup.org.uk](http://www.adsgroup.org.uk)  
**Phone:** +44 (0)28 9046 8296  
**Email:** [leslie.orr@adsgroup.org.uk](mailto:leslie.orr@adsgroup.org.uk)

**Group structure:** ADS Group,  
Farnborough International

**Employees:** 51 – 100

## What we do

**Advancing UK aerospace, defence, security and space industries globally.**

ADS is the premier trade organisation advancing the UK aerospace, defence, security and space industries. Farnborough International Limited (FIL), which runs the Farnborough International Airshow, is a wholly-owned subsidiary.

ADS Northern Ireland (NI) is the trade organisation for the aerospace, defence, and security sectors in Northern Ireland. Launched at the Farnborough Airshow in July 2010, the organisation works closely with and is supported by Invest Northern Ireland, which is helping it to grow and ensure the continued success of these vital industries in Northern Ireland. ADS NI's priorities are to help member companies develop, to increase market share and to raise awareness of NI capability and technology internationally.

ADS NI brings together leaders from the major aerospace, defence, and security companies and the universities to collectively set the direction for the industry. ADS represents 900 member companies across the UK. ADS NI is rapidly growing and already has a membership of more than 50 companies.

The industry sectors ADS represents are:

- Aerospace
- Defence
- Security
- Space.



# APT Fabrics Ltd



18 Tullykevin Road  
Greyabbey  
BT22 2NB

**Web:** [www.aptfabrics.co.uk](http://www.aptfabrics.co.uk)  
[www.aclimatise.co.uk](http://www.aclimatise.co.uk)  
**Phone:** +44 (0) 28 4275 8661  
**Email:** [aptfabrics@gmail.com](mailto:aptfabrics@gmail.com)

Employee numbers: 0 – 10

## What we do

APT Fabrics Ltd is a multifaceted company offering a range of solutions aimed at the personal protective equipment (PPE) and technical clothing market, built on over 20 years of in-depth experience.

Our technical fabrics include the Tornado range of heavy-duty laminated, breathable waterproof fabrics; the Tempest range for lightweight, breathable foul weather clothing; and the Typhoon range of fabrics, which offers combined waterproof, flame retardant and anti-static properties.

Also available is the APT Fabrics Evolution range of thermal, moisture-wicking fabrics which include performance fleece fabrics and the Praetorian range of flame retardant fabrics, including the Praetorian Fireblocker, which provides protection from radiant heat.

As well as a number of unique, trademarked fabrics, the company also offers a bespoke fabric design and sourcing service, a fabric modification service, seminars and technical textile training for companies all over the world.

Our target sectors are:

- Police
- Military
- Fire service
- Ambulance service
- Utility

Accreditations:

- Seal of approval from Solutions for Industry
- BCIA clothing award for design of public order suit.

## Where we work

We currently supply fabric to companies in the UK, Belgium, France, Germany, Sri Lanka, China and Australia for the manufacture of high performance waterproof garments.

## Examples of our work

Apt Fabrics designed and manufactured the waterproof breathable fabric used in the production of the Metropolitan Police uniform for the last 14 years, Manchester Police uniform and the new PSNI uniform. We have been working for the last two years with one of our UK manufacturing partners on the new national police uniform.

Apt Fabrics worked with Remploy frontline to create a unique cutting edge CBRN solution.

Apt Fabrics worked with NI Ambulance to create the first high temperature washable, waterproof, breathable high visibility jacket. This was successfully used by the organisation for over seven years and has subsequently been taken up in the new Irish ambulance uniform.

Apt Fabrics worked with Cooneen Watts & Stone as their fabric consultant for three years on the Future Soldier programme for the UK military.

We acted as a consultant to Network rail for the design of their utility garments.

Apt Fabrics owns the Aclimatise clothing brand which showcases cutting-edge, UK-produced performance garments.



# Asset Management Ireland



Unit 1 Mallusk View  
Central Park  
Newtownabbey  
Co. Antrim  
BT36 4FR

**Web:** [www.amitld.ie](http://www.amitld.ie)  
**Phone:** +44 (0)28 9084 4400  
**Email:** [richard@amitld.ie](mailto:richard@amitld.ie)

Employee numbers: 11-50

## What we do

Asset Management Ireland (AMI) has been providing secure IT asset disposal services to its customers across the UK and Ireland for over a decade. AMI's range of services includes asset recycling, remarketing and re-use. In addition, AMI offers the market-leading DiskShred service.

DiskShred provides bespoke, on-site, secure, physical shredding for end-of-life media, including hard drives and tapes. The company has a state-of-the-art shredding truck with the following key features:

- 1) Three times industry standard shredding speeds
- 2) Only viable solution for the secure disposal of solid state disks
- 3) Dynamic CCTV with full traceability by individual media asset serial number.

Our new shredding truck specification is based on knowledge gained through five years of operating the first shredding truck in Northern Ireland.

Return on investment for the customer can be measured based on the reduction in risks that are brought about by data leaks and the resulting damage that can incur both financially, with regards to fines, and to brand identity.

The company offers the unique combination of the mobile shredding service with similar destruction throughputs to static shredders.

**Accreditations, standards, certifications and approvals held include:**

- ADISA – Asset Disposal and Information Security Alliance
- ISIA – Irish Security Industry Association (Information Destruction Division)
- BSIA – British Security Industry Association
- UK CESG (CCTM). Claims Certified Tested Mark (End of Life 2012)
- Blancco (Silver Partner)
- Microsoft Authorised Refurbisher
- BS EN ISO 9001:2008
- BS EN ISO 14001:2004

- BS EN ISO 18001:2007
- BS EN 15713:2009.

**Target sectors include:**

- Finance
- Legal
- Pharmaceutical
- Health
- Education
- ICT
- Facilities.

**Target customers include:**

- Data centres
- System integrators.

## Where we work

We have undertaken work in:

- Northern Ireland
- Republic of Ireland
- Great Britain
- Belgium.

We are also targeting work in mainland Europe.

## Examples of our work

**PricewaterhouseCoopers**

**Service provided:** The collection and environmental disposal of IT waste, and on-site hard drive and media tape destruction.

**Central Procurement Directorate of Department of Finance & Personnel Northern Ireland has been a client since 2005.**

**Service provided:** AMI is the preferred contractor on the Northern Ireland Government's Framework Agreement for the collection, data destruction and environmental disposal of IT equipment.

**BT Ireland has been a client since 2001.**

**Service provided:** This service is provided on a sub-contract basis to BT's government clients including central government, health and education.



# ANSEC IA Limited



Unit E4 Plasketts Close  
Antrim  
County Antrim  
BT41 4LY

**Web:** [www.ansecia.com](http://www.ansecia.com)  
**Phone:** +44 (0)28 9448 2911  
**Email:** [stephen.clarke@ansecia.com](mailto:stephen.clarke@ansecia.com)

**Group structure:** Limited company

**Employee numbers:** 11-50

## What we do

ANSEC IA Ltd is a Northern Ireland based company dedicated to providing its customers with quality independent consultancy services. We are specialists in information assurance, digital forensics, programme and project management, business analysis and ICT strategy and architecture. ANSEC IA is experienced in providing services to both the public and private sectors.

ANSEC IA has a pool of experienced CESG Listed Adviser Scheme (CLAS) consultants who can operate at all levels within an organisation, communicating effectively in both technical and business terms. The company has extensive experience in the design and implementation of complex IT solutions and associated programme and project management skills.

ANSEC IA has numerous skill-sets covering:

- Digital forensics specialists with ENCASE certification
- Security specialists with various accreditations (CLAS, CISSP-ISSAP, CISA)
- Technical architects with various accreditations (CCNA, MCSE)
- Programme and project management skills (PRINCE 2®, MSP®).
- ANSEC IA is a member of the British Computer Society.

As a company, ANSEC IA places critical importance on maintaining the currency of its staff in all aspects of technology. Constant research and market sounding enables the company to provide its clients with the best possible advice.

**Target sectors include:**

- Criminal justice
- Financial services
- Pharmaceutical
- Voluntary
- Legal.

## Where we work

We have undertaken work in the UK and continental Europe.

We are targeting projects globally.

## Examples of our work

### Information Assurance

ANSEC IA's CLAS consultants have worked across the full range of business impact levels and are experienced in the design, implementation and accreditation of information systems within complex multi-stakeholder environments, collaborating with customers, partners and suppliers at technical, senior management and board levels.

### ICT Strategy and Architecture

ANSEC IA has a strong pedigree in the development of pragmatic IT strategies that are tailored to client requirements.

The company's staff have extensive experience in a wide range of platforms and technologies and have spent many years designing and implementing secure IT solutions for customers of all sizes, ranging from organisations with relatively small user populations to large enterprises with user populations in excess of 360,000.

## Programme and Project Management

ANSEC IA resources have had a number of programme and project roles over the last ten years, including programme/project manager, benefits manager and finance lead. Recent experience has ranged from projects with a budget of £2 million–£5 million to programmes with budgets in excess of £50 million.

### Digital Forensics

Forensic examiners have the ability to perform on-site forensic image acquisition in complex networked, enterprise environments where:

1. It is not always possible to seize or image entire platforms due to the volumes of data concerned
2. The impact of doing so would impede their ability to continue operating.





# ASSA ABLOY Security Doors

## ASSA ABLOY

21 Ferguson Drive  
Knockmore Hill Industrial Park  
Lisburn  
Co Antrim  
BT28 2EX

**Web:** [www.assaabloy.co.uk/securitydoors](http://www.assaabloy.co.uk/securitydoors)

**Phone:** +44 (0)28 9266 2200

**Email:** [AASDSales@assaabloyuk.com](mailto:AASDSales@assaabloyuk.com)

**Group structure:** ASSA ABLOY Security Doors is part of ASSA ABLOY UK, which in turn is part of the ASSA ABLOY group, the global leader in door opening solutions, electromechanical security, access control, identification technology, and hotel security.

Since its founding in 1994, ASSA ABLOY has grown from a regional company to an international group with 43,000 employees and sales of over 47 billion SEK / 5.5 billion Euros.

**Employee numbers:** > 100

## What we do

ASSA ABLOY Security Doors designs, manufactures and installs high-performance steel and timber doors, tailor made to individual project requirements, with the support and resources of the global leader in door solutions.

The company offers the UK's leading ranges of proven security doors – Powershield steel doors and Safeguard timber doors. These doors are uniquely designed and manufactured by ASSA ABLOY Security Doors, with factory-fitted hardware and are installed by skilled teams of directly employed site personnel.

Our approach to supply chain management, purchasing, delivery and installation provides clients with assurance that projects will progress swiftly and efficiently.

For architects, specifiers and contractors, ASSA ABLOY Security Doors offers one-stop security door solutions from a single, experienced and trusted source that will provide a full project management service from door design to installation.

**We have worked across a range of market sectors:**

- Policing and security
- Transportation
- Utilities
- Financial services
- Health
- Education
- Commercial
- Retail
- Construction.

ASSA ABLOY Security Doors combines in-house design skills and design technology (3D Desktop, Inventor and RADAN), with advanced manufacturing technology that enables the company to deliver a range of door constructions and finishes.

With this combination of skills and technology all ASSA ABLOY Security Doors products can be designed, fabricated and finished entirely in-house – an advantage few competitors can claim. This 'all under one roof' capability gives the company a competitive edge when it comes to fulfilling major contracts and meeting deadlines.

**The company is accredited and approved with all major quality and security bodies:**

- Quality: ISO 9001
- Environmental: ISO 14001 Environmental Management
- Health & Safety
- Certifire approval CF519 & CF 520
- Secured by Design
- Home office, SPS & IPS approved cell doors & custodial products
- Fire, blast, ballistic, and acoustic performance.

## Where we work

ASSA ABLOY Security Doors works with clients on projects all over the UK, the Republic of Ireland, and internationally.



## Examples of our work

### The Baby Shard, London, 2013

Supply and installation of 300 Powershield fire and acoustic steel door sets.

ASSA ABLOY Security Doors' bespoke door sets addressed fire safety (BS 476 part 22) standards under British and European standards, plus acoustic control expectations.

### Bond Street Tube Station, London, 2012

Manufacture and installation of ASSA ABLOY Security Doors' high specification door sets – internal high security fire doors are an essential safety feature within busy public developments. Steel doors provide a higher level of fire protection, helping to prevent the spread of fire and maximise evacuation times.

### One New Change, London, 2011

Manufacture and installation of fire doors with a 120-minute fire rating including double swing doors throughout the landmark building. Fire doors with acoustic properties were also supplied to provide sound insulation as well as fire protection in some areas.



# Attach and Secure



The Innovation Centre  
Northern Ireland Science Park  
Titanic Quarter  
Queens Road  
Belfast, BT3 9DT

**Web:** [www.attachandsecure.com](http://www.attachandsecure.com)  
**Phone:** +44 (0)28 9078 5830  
**Email:** [sales@attachandsecure.com](mailto:sales@attachandsecure.com)

Employee numbers: 0 – 10

## What we do

Attach and Secure designs, manufactures and supplies coiled lanyards, engine killcords and other secure cords.

The company's origins lie in the design and production of the coiled Kevlar lanyard, developed in Northern Ireland for police use in the 1980s. Designed to prevent weapon loss the coiled lanyards are now widely used by police, military, prison services and special forces around the world for a variety of purposes.

Some models are NATO codified and have been operationally proven in all climates with service in the Falklands, Iraq, Afghanistan and Bosnia. Attach and Secure's lanyards were also used by the Irish Everest Expedition of 2003 for securing ice axes and other items.

The company has perfected the design and composition of the coiled Kevlar lanyards, using the knowledge gained from the use of many thousands of products in challenging environments. Attach and Secure prides itself in making durable products that far surpass other off-the-shelf lanyards.

Using 150kg breaking strain Kevlar, the lanyard is also one of the strongest in the market. This contributes to the product's main selling point – its life cycle: lanyards are still in use after 30 years of continuous daily use.

Attach and Secure lanyards are now used by many different users, and for many different purposes. Some of these are:

### The Military

- Handguns, rifle magazines, multi-tools, GPS

### Police Forces

- Firearms, tasers, CS spray

### Prisons

- Door keys, passes

### Extreme Sports

- Mobile phones, GPS, ice axes, etc.

### Nautical Pursuits

- Engine killcords, underwater torches, scuba gear

## Humanitarian Aid Field-Work

- Satellite phones, GPS, medical equipment

In the security and defence sector, Attach and Secure has supplied many police and military forces:

- UK police – the company has supplied 13,000 lanyards for use with hand guns.
- Middle East military – the company has supplied 12,540 lanyards for use with hand guns.
- Prison services – the company supplied 4,000 lanyards to secure keys, whilst not activating metal detectors.

## Where we work

Attach and Secure supplies its lanyard products worldwide through a network of distributors.

## Examples of our work

### Prison Key Lanyard

A customer needed a non-metallic product to secure prison keys that would not activate metal detectors. Attach and Secure developed a low-metal-content key clip that is as strong as a traditional key chain.

## Outboard Motor Killcord

A customer required a killcord to be used with any outboard engine. Attach and Secure designed a version that combines a range of attachments and moulded seals with no metal crimps (durable in sunlight and seawater) that is now used in anti-piracy patrols.

## Tactical Pistol Lanyard

The client wanted the reliability of the coiled Kevlar lanyard combined with the ability to fit a range of handguns. The company produced a new moulded lanyard with interchangeable hand gun attachments.



# Auto Protection (NI) Ltd



28-30 Sydney Street West  
Belfast  
BT13 1RR

**Web:** [www.autoprotection.co.uk](http://www.autoprotection.co.uk)  
**Phone:** +44 (0)28 9075 4427  
**Email:** [info@autoprotection.co.uk](mailto:info@autoprotection.co.uk)

Employee numbers: >30

## What we do

Auto Protection (NI) Ltd carries out specialised armouring services and confidential research and development projects for the Police Service of Northern Ireland. Previously, its parent company's accident repair centre earned over 20 years' experience in the field. Today the two companies share premises and complement each other, Auto Protection focusing on the efficiencies of armouring and the Accident Centre on the details of vehicle repair and modification, a synergy of specialities producing the highest possible standard.

With cutting-edge equipment and dedicated training for its skilled workforce, Auto Protection (NI) can maximise vehicle lifetime by providing a comprehensive repair service, covering both bodywork and mechanical.

The company's remit has extended to armoured cash in transit vehicles which have been involved in vandalism or road traffic accidents, with both Auto Protection and the Accident Centre involved in the repair.

## Strength

Auto Protection (NI) can armour any road-going vehicle in a range of options, from a straightforward anti-bandit application, right up to level BR7. This includes stripping out, armouring and finishing/trimming (to and beyond the original vehicle specification). All cars are finished to VIP limousine standards. Top quality 5m armour plate is cut, shaped and trimmed by fully qualified trimmers using heavy duty equipment, including a plasma cutter and a 40-ton press. If required, decommissioning is possible. Removing the armour and the ballistic glass for re-use in a similar vehicle can also be accomplished, leaving the vehicle in a condition ready for everyday use.

## Skill

To ensure total customer satisfaction, the company implements a documented quality system that conforms to BS EN ISO9001: 2000. Auto Protection (NI) is a member of the Association of Police and Public Security Suppliers. Its parent company is a member of the Vehicle Builders and Repairs Association.

## Security

Auto Protection (NI) operates in purpose-built 10,000 sq ft premises (the Accident Centre in 30,000 sq ft). Premises are fully alarmed and have 24-hour recorded CCTV in operation to protect its own interests and the property of its clients.

A growing workforce of more than 30 has full security clearance, enabling this work to be carried out in a sensitive part of the United Kingdom.

Auto Protection (NI), through continual improvement and innovation, maintains a strong reputation for excellence as a specialist vehicle armourer. The company takes a creative and flexible approach to client requirements and has long-term experience in its field.

## Where we work

Currently all work is conducted in Northern Ireland.



# Blackbourne Integrated M&E



Head Office  
2 Springfarm Industrial Estate  
Antrim  
Co Antrim  
BT41 4NZ

**Web:** [www.blackbourne.co.uk](http://www.blackbourne.co.uk)  
**Phone:** +44 (0)28 9446 4231  
**Email:** [info@blackbourne.co.uk](mailto:info@blackbourne.co.uk)

Employee numbers: > 100

## What we do

Blackbourne specialises in the provision of mechanical and electrical contracting and contract maintenance, providing a fully integrated M&E proposition.

The company has been established for 55 years, and most of the management team has been with the company for over 20 years, which has provided great stability. In over 50 years Blackbourne has never had a contract disputed.

The company has been named as one of Ireland's 'Best Managed' companies in the Deloitte Best Managed Companies Awards.

It has a proven capability to deliver projects ranging in value from £100,000 to £17 million across a number of sectors:

- Defence/security
- Education
- Health
- Leisure
- Commercial sectors.

Blackbourne works with all of the leading building contractors throughout the UK. These contractor partners are active in large public sector capital programmes in health, education and for the Ministry of Defence.

The company also carries out work directly for customers such as the police services, health trusts, the Ministry of Defence, courts services and various education boards.

Delivering excellence: Blackbourne is committed to becoming the contractor of choice for customers, establishing lasting relationships by exceeding expectations through:

- Exceptional performance
- Fair and competitive prices
- Anticipation of customers' needs
- Risk management and problem solving
- Maintaining the highest levels of professionalism, integrity, honesty and fairness.

## Accreditations

Blackbourne holds all industry accreditations, and all staff hold all relevant certificates. The company and its teams are fully certified and qualified in all areas of:

- Construction contracting
- Electrical contracting
- Mechanical contracting
- Health and safety
- Oil and gas installation and maintenance
- HVAC.

Blackbourne is also working towards ISO 50001 Energy Management International Accreditation (completing July 2013).

## Where we work

Blackbourne's head office is in Northern Ireland with regional offices in Scotland and England.

The company works primarily in Northern Ireland and Great Britain, and is keen to identify and develop new opportunities in international markets.

## Examples of our work

### World Centre for Islamic Studies, Oxford: M&E - £2.5m

This is a 30,000m<sup>2</sup> facility comprising a mosque and educational facility, communication rooms, a gallery, an auditorium, a lecture theatre and a dining hall, as well as 1man accommodation for approximately 40 graduate students.

The electrical work consisted of an energy efficient lighting scheme, AV system, a fully addressable fire alarm system, a disabled refuge system, and a mechanically installed heating system that was connected to the air handling unit.

### Defence Estates: M&E - £2.6m

This electrical contract involved working on both new and existing installations in occupied and operational office spaces, warehouses, stores, kitchens and training rooms in Ministry of Defence facilities.

### PSNI Measured Term Contract: M&E - £1m

This multi-site contract involved new and existing installations including 34 police establishments.



# Breezemount Electrical and Hydraulics Ltd

**breezemount**

Newtownbreda Industrial Estate  
Cedarhurst Road  
Belfast  
BT8 7RH

**Web:** [www.breezemount.net](http://www.breezemount.net)  
**Phone:** +44 (0)28 9064 0972  
**Email:** [enquirenow@breezemount.net](mailto:enquirenow@breezemount.net)

Employee numbers: 11 – 50

## What we do

Established in 1976, Breezemount Electrical and Hydraulics Ltd has 30 years experience in designing and installing bespoke perimeter security systems to prevent terrorist attacks.

The Breezemount manufacturing facility can design and manufacture site specific bespoke integrated perimeter security systems, balancing security with vehicular and pedestrian access management.

Breezemount's primary aim is to consolidate security and safety when developing vehicular and pedestrian access security management solutions for industrial, retail, commercial, educational and governmental sectors.

The company offers a holistic approach in security design consultancy to facilitate the careful planning and co-ordination of accessibility and security of staff and visitors at the site.

Breezemount's perimeter security division is responsible for the automation of industrial doors, gates and the installation of ancillary equipment such as traffic barriers, turnstiles, bollards, access controls and safety devices. The company is particularly experienced in the supply and installation of heavy duty hydraulic gate automation systems using equipment designed and manufactured in-house.

This equipment includes heavy duty above ground and underground gate operator systems, designed and manufactured by Breezemount and supplied in situations where standard equipment is not robust enough.

This sophisticated automation system encompasses every conceivable option with regards to functionality and aesthetics and is suitable for higher security site access.

Breezemount's perimeter security systems are CE marked to meet current health and safety protection legislation, which complies with the EU Machinery Directives. Breezemount prioritises these critical safety requirements and ensures that design and installations also achieve the highest safety standards.

Having developed strong partnerships with leading companies such as Parker Hannifin, Automatic Systems and Zabag, Breezemount now offers a complete security package for any application.

The company provides these complete security and perimeter protection solutions to:

- Government buildings
- The military
- Police services
- Prisons
- Commercial sectors which are security conscious, such as banking, the oil industry, power stations, etc.

The company has achieved all necessary quality accreditations and industry approvals: ISO-9001, Safety Certification, Construction Line Registration, Secure by Design. Breezemount is a Member of DHF Gate Safety.

## Where we work

Breezemount currently works in the UK and Ireland.

The company is actively targeting new business in North America, Europe and the Middle East.

## Examples of our work

Working with SISK, Breezemount completed the supply, installation and commissioning of the vehicle perimeter security system at Microsoft's latest data centre at Grange Castle, Dublin, working throughout with Microsoft's security team.

Breezemount recently designed and installed two new hydraulic security gates between two large high-security prisons in Ireland (Portlaoise and Midlands). The task was to design, supply and install the bespoke gates to comply with Irish Prison Service security requirements.



# CEM Systems



195 Airport Road West  
Belfast  
BT3 9ED

**Web:** www.cemsys.com  
**Phone:** +44 (0)28 9045 6767  
**Email:** cem.info@tycoint.com

**Group structure:** CEM Systems is a brand of Tyco Security Products.

**Employee numbers:** 51 – 100

## What we do

CEM Systems is a leading provider of access control and fully integrated security management systems. Its vision is to remain at the cutting edge of access control technology through the design and development of high quality security solutions.

CEM Systems works with clients that require the highest level of security, including airports, ports, petrochemical plants, universities, banks, telecoms, hospitals, retail premises and corporate premises.

With a CEM AC2000 solution the customer gets a powerful and fully integrated security management system which meets the highest security requirements. This solution can then be customised to meet the unique needs of individual customers and is used with CEM's innovative, industry leading card reader range.

CEM Systems' security solutions are built on:

- Innovation
- Flexibility
- Responding to the needs and requests of customers
- Customised solutions
- Leading-edge technology.

CEM is increasingly using the AC2000 Security Management System as a powerful business tool that delivers increased efficiency. For example, the system can be used to:

- Control HVAC and lighting in buildings, to deliver cost savings
- Monitor the use of air bridges in airports, to facilitate billing to airlines
- Enable and disable check-in desks, report on airline usage, and facilitate billing to airlines.

Hence, security is combined with business analysis, reporting and cost recovery.

CEM Systems is committed to innovation and research and development in security systems. The company designs and produces all

hardware and software, supported by a £7 million Belfast-based centre of technical excellence, staffed by a team with a wealth of engineering talent and years of R&D experience.

## Where we work

CEM Systems works all over the world – 58% of the company's revenue comes from export markets such as the Middle East, and recently South Africa, Mauritius and Nigeria.

## Examples of our work

### Marina Bay Sands Resort, Singapore

This is the most expensive stand-alone integrated holiday resort ever built. The resort chose the AC2000 Security Management System (SMS) from CEM. The resort has 15,000 cardholders with CEM supplying:

- 500 x CEM S610e access control readers
- 100 x CEM S610f fingerprint readers used at restricted areas such as the entrance to the casino vault.

### Dubai International Airport (Concourse 3, Terminal 3)

The CEM AC2000 SMS has been chosen to secure the facility. This included:

- Lift control integration allowing seamless control and monitoring of access to 11 floors
- A custom, innovative boarding and deplaning route management solution, designed to aid flow of arriving and departing passengers.

### Aycliffe Secure Centre – a secure care facility for young people

The CEM AC2000 SMS has been integrated with a Synectics video system, and used to secure and protect these premises. The solution also involves:

- Deployment of CEM S610f fingerprint readers
- Creation of a unique multi-door interlocking system.



# Centre for Secure Information Technologies (CSIT)



ECIT Institute  
Queen's University Belfast  
Northern Ireland Science Park  
Queen's Road, Queen's Island  
Belfast BT3 9DT

**Web:** [www.csit.qub.ac.uk](http://www.csit.qub.ac.uk)  
**Phone:** +44 (0)28 9097 1700  
**Email:** [info@csit.qub.ac.uk](mailto:info@csit.qub.ac.uk)

**Group structure:** The Centre for Secure Information Technologies (CSIT) is based in the ECIT Institute, Queen's University Belfast.

**Employee numbers:** 80

## What we do

CSIT is the UK's largest university lab for cyber security. As a global innovation hub for cyber security, CSIT brings together research specialists in data encryption, networking, wireless security and intelligent surveillance to deliver solutions for big data analytics, cloud security, smart grid security and secure transport corridors.

Operating an open innovation model to drive collaboration, CSIT's partners include BAE Systems, Cisco, IBM, Intel, Infosys, McAfee and Thales, numerous small and medium sized businesses, spin-out ventures and leading institutes in the USA, South Korea, India and Europe.

Our main areas of work include:

- Cyber security
- Cloud computing
- Software defined networking
- Capital markets
- Financial services
- Critical infrastructure/SCADA
- Transport
- Connected health
- Big data analytics.

CSIT is a GCHQ and EPSRC approved Academic Centre of Excellence in Cyber Security Research.



## Where we work

We work globally.

## Examples of our work

### Collaboration with ETRI, South Korea

An example of one of our research programmes is a multi-million pound collaboration with ETRI in South Korea where CSIT physical unclonable function (PUF) authentication technology is being used for verification of electric vehicles when recharging. LG has won the tender for electric vehicle charging stations in Korea, and

CSIT technology will be used to authenticate the transaction. We believe the technology has many other applications for machine-to-machine authentication.

### PRECYSE

Another example of our work is our collaboration in a European Programme (FP7) project called PRECYSE. In this our expertise in real-time network intrusion detection and prevention is being translated into a critical infrastructure setting and we have developed an intrusion detection and prevention system for SCADA networks. As we finalise this project we are engaged with partners in finding new commercial routes for the technology and capability.



# Cooneen Defence



23 Cooneen Road  
Fivemiletown  
Co. Tyrone  
N. Ireland  
BT75 ONE

**Web:** [www.cooneendefence.com](http://www.cooneendefence.com)  
**Phone:** +44 (0)28 8952 2500  
**Email:** [info@cooneendefence.com](mailto:info@cooneendefence.com)

**Group structure:** Cooneen Defence is part of the Cooneen Group of companies.

**Employee numbers:** 11-50

## What we do

Cooneen Defence offers an unrivalled range of clothing solutions to police and military customers worldwide.

The company is involved in clothing/protective clothing projects which are aimed at providing next generation solutions for the modern police and military forces such as:

- British Forces
- European Forces
- US Forces.

Cooneen's key skills are in product development and sourcing both in terms of new fabric solutions, protection levels, product comfort and wearability. Product development includes in-house ballistic, stab and spike testing. Global sourcing is enhanced through country offices in China and India. In addition the company has strong skills in contract management, production, warehousing and quality control.

Cooneen offers a full range of logistics options covering managed service, pick and pack, and bulk delivery.

Also, the Cooneen Group Wardrobe Management System offers a fully online clothing management system for military, police, fire services and general workwear.

### Research and Development Excellence

Cooneen Defence has an excellent research and development infrastructure, both internally, and also using services and facilities which are external to the organisation.

The company has recently strengthened its R&D department through the introduction of an in-house ballistic testing range.

The product development department aims to constantly keep abreast of new developments in fabric and garment technology.

The Cooneen Group is accredited to:

- ISO 9001:2008 Quality Management
- ISO 14001:2004 Environmental Management
- SA 8000 Social Accountability
- OHSAS 18001 Health & Safety Management
- Investors in People (Bronze Accreditation).

## Where we work

Cooneen Defence is currently supplying products to:

- UK, Europe and the Middle East
- Far East.

The company is also targeting regions such as USA, Scandinavia and Turkey.

## Examples of our work

### UK Ministry of Defence Supply of Cut and Sew Garments

Cooneen Defence has the capacity to deliver over six million garments a year to the UK Ministry of Defence.

Over the last four years Cooneen Defence has manufactured and supplied over 200 individual products in occupational and combat clothing, including high visibility jackets, waterproofs, T-shirts and trousers to the Ministry. The contract also includes electronic ordering, despatch, electronic billing, management information reporting and return of goods.

### Kuwait Ministry of Interior

Cooneen Defence has the capacity to deliver over 1.2 million garments a year to the Kuwait Ministry of the Interior.

The company has provided the Ministry with office uniforms for the winter including jackets, trousers and berets in a specially constructed polywool fabric. Each order consists of a minimum of 50,000 sets in the specific colour requirements of the Ministry.

### National Procurement Service & Irish Defence Forces – Irish Defence Forces

Cooneen Defence has the capacity to supply over 500,000 garments to the Irish Defence Forces.

The company has delivered uniforms across a range of 48 products. The range includes headwear, jumpers, trousers, shirts, waterproofs, fleece, scarves, gloves and underwear.





# Cooneen Protection



23 Cooneen Road  
Fivemiletown  
Co. Tyrone  
BT75 ONE

**Web:** [www.cooneenprotection.com](http://www.cooneenprotection.com)

**Phone:** +44 (0)28 8952 2511

**Email:** [info@cooneen.com](mailto:info@cooneen.com)

**Group structure:** Cooneen Protection is part of the Cooneen Group of companies.

**Employee Numbers:** 11-50

## What we do

Cooneen Protection offers an unrivalled range of clothing solutions to police and military customers worldwide.

The company is involved in clothing/protective clothing projects which aim to provide next generation solutions for modern police and military forces such as:

- British Forces
- European Forces
- US Forces.

Cooneen's key skills are in product development and sourcing both in terms of new fabric solutions, protection levels, product comfort and wearability. Product development includes in-house ballistic, stab, and spike testing. Global sourcing is enhanced through country offices in China and India. In addition the company has strong skills in contract management, production, warehousing and quality control.

The company offers a full range of logistics options covering managed service, pick and pack, and bulk delivery.

Also, the Cooneen Group Wardrobe Management System offers a fully on-line clothing management system for military, police, fire services and general workwear.

### Research and Development Excellence

Cooneen Protection has an excellent research and development infrastructure, both internally, and through using services and facilities which are external to the organisation.

The company has recently strengthened its R&D department through the introduction of an in-house ballistic testing range.

The product development department aims to constantly keep abreast of new developments in fabric and garment technology.

## Where we work

Cooneen Protection is currently supplying products to:

- UK and Europe (Belgium/Holland)
- Far East (Singapore, New Zealand)

The company is also targeting regions such as USA, Scandinavia, Turkey and Australia.

## Examples of our work

### Metropolitan Police Supply of Body Armour to 44 Forces

Cooneen Protection manufactures the armour in Northern Ireland and has a monthly capacity of over 3,000 sets of body armour.

As part of the framework contract Cooneen Protection provides body armour to over 44 police forces in the UK. This armour has been developed to defeat the identified threat, and is sized and styled for both male and female officers. It also incorporates the latest heat and moisture management technology.

### National Police Improvement Agency (NPIA) – Active Shooter Programme - Quick response shield

Cooneen Protection has the capacity to manufacture up to 10,000 shields per year.

This product has been designed to provide a portable protective system that can easily be stored in the back of a patrol car to provide a quick response to an active shooter scenario. Cooneen Protection has participated in a UK-wide evaluation programme supplying over 250 shields to 30 police forces.

Cooneen Protection has had significant interest from Europe, Singapore, Hong Kong and South America for the product.

### Belgium Federal Police Supply of Body Armour

Cooneen Protection is the market leader in the supply of body armour to the Belgium Federal Police and the local Belgium Police Forces.

The body armour has been developed using the latest technology in fabrics with the aim of providing a safe, comfortable garment for the modern police force.



# Core Systems



Glenbank  
720 Crumlin Road  
Belfast  
BT14 8AD

**Web:** [www.coresystems.biz](http://www.coresystems.biz)  
**Phone:** +44 (0)28 9072 2070  
**Email:** [sales@coresystems.biz](mailto:sales@coresystems.biz)

Employee numbers: 11 – 50

## What we do

### Identifying Difference for Better Security

Core Systems is a leading developer of Security and Prisoner Self-Service IT solutions for high security facilities. Our technical and operational expertise is brought together in all aspects of our custody management solutions including integrated security management, custody management, access control, biometrics, lock control, Direct2inmate prisoner self-service and Direct2probationer probationer self-service. We work with the Custodial Services in Northern Ireland, the Republic of Ireland and North America providing innovative solutions making prisons safer places for staff and prisoners, delivering cost efficiencies and improving outcomes. Through the implementation of Core solutions, the company provides clients with enhanced security and safety, increased efficiency and time savings and improved accountability. These outcomes are delivered through a combination of key products which the company has developed specifically for use within the custodial environment.

In these demanding environments, Core Systems delivers real solutions. By identifying difference, the company achieves better security.

Through the implementation of Core Systems solutions, the company provides clients with:

- Enhanced security and safety
- Increased efficiency and time savings
- Improved accountability.

These outcomes are delivered through four key products:

**Direct2inmate:** a multi-purpose interactive prisoner and staff communication system. A two-way communication tool, it provides a stable and consistent interface for prisoners to directly access information and make service requests. It can be deployed through secure kiosks, PCs or in-cell media systems.

**Direct2probationer:** a secure platform to be used by probationers, offering an integrated, interactive approach to reporting. It facilitates self-reporting, communication and access to rehabilitation services for probationers to achieve better outcomes.

**Cell Controller:** an integrated IP, Power over Ethernet (PoE) device to control and monitor lock, hatch and other peripherals in a custodial environment.

**Cell Point Kiosk:** a detainee management solution offering a simple and effective way for custody officers to update custody logs in real time, by recording observations or actions locally at the cell.

Core Systems has always invested heavily in R&D and is highly committed to continuing innovation in the custodial market.

The company is a G Cloud IV listed Government Procurement Service Supplier for Direct2inmate and Direct2probationer.

In 2009, Core won a Chamber of Commerce award for Innovation Through Technology, and in 2013 was awarded NI Exporter of the Year by the same body.

It has been listed in the Deloitte Fast 50 on six occasions: 2013, 2011, 2008, 2007, 2006 & 2005.

In 2013 Patricia O'Hagan, CEO of Core Systems was awarded an MBE in her Majesty the Queen's New Years' Honours List; and later the same year awarded Outstanding Businesswoman of the Year by Women in Business NI.

## Where we work

Core Systems is already working in Northern Ireland, the Republic of Ireland, Great Britain and the USA.

The company is also targeting new work in Eastern Europe and Canada and is keen to pursue opportunities internationally.

### Examples of our work

#### Direct2inmate

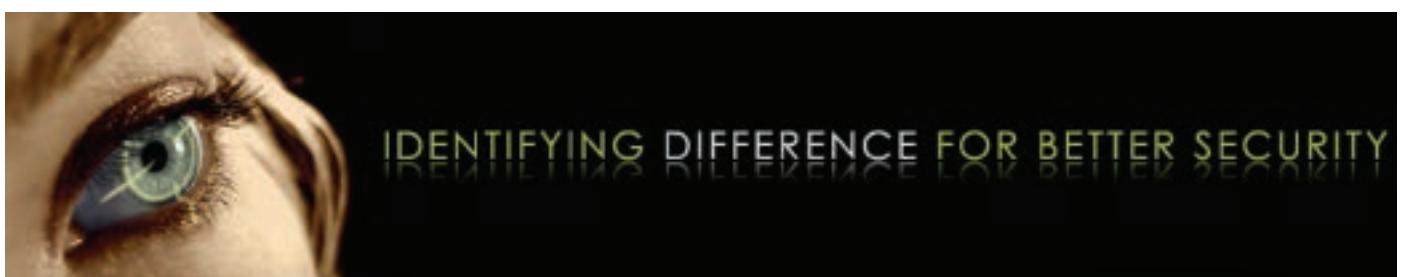
Core Systems has completed a state-wide implementations of Direct2inmate in the USA, with 413 kiosks operating across 29 facilities, servicing a prisoner population of over 22,000.

#### Cell Controller

Core Systems has recently completed installation of an electronic locking solution within one of Europe's highest Security Prisons.

#### Integrated Security Management and Biometric Integration

Core have provided integrated security management solutions throughout the UK and Ireland allowing for centralised control of multiple systems in each facility. Core also excel at implementing biometrics into our solutions with biometrics being implemented at more than ten sites in Ireland alone.



# Cunningham Covers Ltd



Unit 1  
Glenshane Industrial Park  
Maghera  
BT46 5DR

**Web:** [www.cunninghamcovers.co.uk](http://www.cunninghamcovers.co.uk)  
**Phone:** +44 (0)28 7964 2638  
**Email:** [info@cunninghamcovers.co.uk](mailto:info@cunninghamcovers.co.uk)

Employee numbers: 11 – 50

## What we do

Cunningham Covers was established in 1969 by managing director, Gordon Cunningham, initially to meet the needs of a major Northern Ireland HGV trailer manufacturer.

During the past 40 years, the company has steadily increased its production capacity and capability. Cunningham Covers now produces a wide range of advanced products, from a wide range of advanced materials.

Combining the most up-to-date materials, technologically advanced equipment, and a highly skilled workforce, Cunningham Covers now services the needs of clients in relation to:

- Curtain sides, for heavy goods vehicles
- Specialist covers and canopies for agriculture
- Machinery covers
- Specialist covers and canopies for motorsport
- Industrial covers and partitioning
- Custom designed and manufactured canopies
- Outdoor graphics and banners
- Boat covers
- Tarpaulins and covers for transport, and warehousing/storage
- Trailer covers
- Sports covers and canopies
- Gazebo covers
- Garden canopies
- Exhibition tents
- Other custom-designed products.

Cunningham Covers does business with customers across all sectors who require a bespoke cover solution. This includes the security sector for which Cunningham Covers has produced many bespoke covers, canopies, and temporary covered structures.

## Innovative and Creative Solutions

In addition to providing customers with an extensive product range, Cunningham Covers can also produce products with customers' unique branding, graphics, and imagery related to the client company and event, or indeed to any specific customer requirement.

Cunningham Covers is a quality assured company working to BS EN ISO9001.

## Where we work

Cunningham Covers works all over the world. We have already exported to over 30 countries including Libya, Nigeria, Sierra Leone, Australia, New Zealand, Kazakhstan, all of mainland Europe and the UK and Ireland.

## Examples of our work

Cunningham Covers designed and produced covers for the beach volley ball courts at the London 2012 Olympics.

The company recently designed and produced natural canvas tarpaulins for use during 'The Coldest Journey', a six-month expedition to cross the Antarctic led by Sir Ranulph Fiennes.

Cunningham Covers recently developed and produced unique, bespoke PVC 'bags' designed to help eradicate invasive molluscs from waterways. These bags were produced for the Countryside Council for Wales.



# Denroy Plastics Ltd



9-11 Balloo Drive  
Bangor  
Co. Down  
BT19 7QY

**Web:** [www.denroy.com](http://www.denroy.com)  
**Phone:** +44 (0)28 9147 4822  
**Email:** [j.knowles@denroy.com](mailto:j.knowles@denroy.com)

**Group structure:** The Denroy Group Ltd is the parent company of Denman International Ltd, Denroy Plastics Ltd and Denman Inc.

**Employee numbers:** 100+

## What we do

Established in 1972, Denroy Plastics Ltd is one of the UK's foremost providers of precision plastics injection mouldings, and is a subsidiary of Denroy Group Ltd.

The company specialises in the design and manufacture of plastics injection moulded components for a wide range of customers in the aerospace and defence sectors.

Due to the range of injection moulding machines on site, products can range from large moulded ammunition containers weighing 3kg, to small electrical connectors weighing only a few grammes. Typical components supplied are:

- Ammunition containers
- Shell nose cones
- Firing handgrips
- Missile components
- Cable loom brackets.

Denroy Plastics' services include:

### Design

Denroy's technical department works in close partnership with clients to develop products and components for plastics injection moulding.

The company's design capability includes 3D CAD packages Catia V5 and Pro-Engineer and the simulation package Moldflow Analysis. The use of the various packages enables the company to identify potential risk areas at an early stage thus reducing the product time to market. All projects are managed using Microsoft Project.

### Tooling

The company has extensive in-house tooling facilities which support the design and manufacture of new injection mould tools. This facility, along with the long established relationships with toolmakers in Europe and China, ensures Denroy Plastics offers the most cost-effective service to customers.

## Manufacturing

Denroy Plastics' comprehensive manufacturing facility uses state-of-the-art injection moulding equipment encompassing the latest software for process set-up and repeatability, and robotic handling.

With machines ranging from 5 to 800 tonnes, the company is capable of producing components weighing from a few grammes up to 3.5kg in a wide range of materials from the common polypropylenes to the more advanced engineering grades such as PEEK, ULTEM and Fortron.

## Quality

Denroy Plastics has a culture of continuous improvement and a quality management system accredited to AS/EN9100 Rev C. Recent quality awards have included the SC21 Bronze award (Nov 2012).

Clients include OEMs such as Airbus, Bombardier, Spirit, GKN, BAE Land Systems, Chemring and Thales.



## Where we work

Currently operating in Great Britain, Europe, USA

## Examples of our work

Denroy completed the design of an explosive container for Chemring Energetics. Taking into account the customer brief, the container was modeled, prototyped and then made in a production item by the Denroy team.

As part of the Denroy offering, existing products can be reverse engineered. Trigger mechanisms used by the Ministry of Defence have been in use for many years but Denroy was asked to update the design and make improvements to manufacturing. The various parts were designed on CAD and new tooling laid down.



# Donard Electronics



The Innovation Centre  
Northern Ireland Science Park  
Belfast  
BT3 9DT

**Web:** [www.donardelectronics.co.uk](http://www.donardelectronics.co.uk)  
**Phone:** +44 (0)28 9078 5830  
**Email:** [sales@donardelectronics.co.uk](mailto:sales@donardelectronics.co.uk)

Employee numbers: 0 – 10

## What we do

Donard Electronics is one of the world's leading companies in terms of innovation in security equipment. We are based in Belfast, Northern Ireland.

Donard Electronics has over 30 years' experience designing and manufacturing innovative security equipment for use in challenging environments, on land, sea, air and in space, for police services, military services, government, and 'at risk' individuals.

The company specialises in researching and developing new electronic products and has particular expertise in interfacing with new and emerging sensor technologies.

Donard Electronics has its own in-house materials and electronics design experts, access to leading academic expertise, and in-house state-of-the-art technology, including:

- CAD
- Plastic injection moulding
- 3D printing capabilities
- Rapid prototyping facilities.

Hence, the company is ideally placed to help customers transform new product ideas or security equipment needs into successful solutions.

One example of a product developed as a result of this innovation is the vehicle security system.

## Vehicle Security

The company designs, supplies and installs enhanced vehicle security systems that can detect a range of potential threats including under vehicle IEDs (improvised explosive devices) and magnetically attached 'sticky bombs'.

Donard Electronics offers a range of detection methods and remote warning options that can be tailored to meet individual needs.

The system uses the latest sensor technologies to maximise system sensitivity whilst minimising false alarms and battery drain. Easy to fit, covert in use and with a wide range of alarm options (including internet/phone apps) Donard Electronics' vehicle security systems are trusted by 'at risk' personnel worldwide.

## Where we work

Donard Electronics is based in Northern Ireland, and works with clients all over the world.



# Emergency Planning Solutions



Hawthorn Business Park  
Falcon Road  
Belfast  
Co. Antrim  
BT12 6SJ

**Web:** [www.emergencyplanningsolutions.com](http://www.emergencyplanningsolutions.com)  
**Phone:** +44 (0)28 9086 7333  
**Email:** [enq@emergencyplanningsolutions.com](mailto:enq@emergencyplanningsolutions.com)

Employee numbers: <10

## What we do

Emergency Planning Solutions (EPS) is a consultancy and training company providing professional services which reduce the negative business impacts of emergencies or major business interruptions.

EPS helps organisations protect their stakeholders, brand, reputation and bottom line by providing support in building resilience capabilities, including:

- Business continuity management
- Crisis management
- Crisis response
- Emergency planning
- Counter terrorism
- Training
- Organisation resilience.

The company has over 165 years' experience in these fields and offers its services to an expanding portfolio of clients locally, nationally and internationally.

EPS is experienced in working with both the public and private sectors and has thereby developed a sound understanding of the unique requirements of both. With a diverse client portfolio that includes government departments, the legal sector, airports, ports and the international food sector, EPS consultants have assisted their clients with a wide range of resilience related matters. A few examples include:

- Information management
- Crisis decision making
- Multi-agency response
- Reception and humanitarian centres
- Crowd and public safety
- Plan development
- Media management
- Exercise and testing.

## Where we work

The company works worldwide, recently delivering projects in:

- Northern Ireland
- Great Britain
- Republic of Ireland
- Sweden
- Poland
- Holland

## Examples of our work

EPS recently provided a leading legal firm with a tailored business continuity management framework that included:

- Introduction of a business continuity management system
- Working with senior team to determine most critical issues facing the business and to implement strategies and plans to protect this.

EPS assisted Dixons Contractors in becoming the first construction company in Ireland to be certified to the British Standard 25999.

- Introduction of a business continuity management system.
- The client was successful in achieving the accreditation based on guidance and advice of EPS.
- EPS continued working with Dixons to focus on practising contingency plans.

EPS assisted Larne Harbour Ltd with emergency training and risk management processes. The company worked with the senior team including the Harbour Master in conducting live play and simulation exercises involving:

- Emergency services
- Mock evacuation of passengers from a ferry
- Management of the incident from the perspective of the senior team.



# Envision Management Consultants



Building 4  
Hillsborough Business Park  
Hillsborough Gardens  
Belfast  
BT6 9DT

**Web:** [www.envisionconsulting.eu](http://www.envisionconsulting.eu)

**Phone:** +44 (0)28 9045 2777

**Email:** [info@envision-ni.co.uk](mailto:info@envision-ni.co.uk)

Employee Numbers: 1-10

## What we do

Envision has a small team of people with a lot of experience in exporting, and in developing international business for other companies in the security and defence sectors.

We work with companies that have a lot of expertise in their specialist areas of security and defence.

We add expertise to help companies to internationalise.

We assist companies to internationalise by helping them to:

- Research and identify international market opportunities
- Understand procurement processes
- Map the market landscape – the key customers, and the intermediaries that can help them to access those customers (and contracts)
- Find and appoint partners in international markets
- Manage those partner relationships
- Actually bid for, and win, new business.

## Why

Some companies just don't have this expertise in-house; some do, but need additional capacity, so our team works with client teams to help them take practical steps into new markets, by doing research, giving advice, helping negotiate, and developing skills.

## Who for

Mostly for SMEs, but not always. Envision has worked for companies of all sizes, from small spin-out technology companies, to large corporates in security and defence. Some examples are companies in:

- Cyber security
- Inscription and steganography
- Carbon fibre

- Continuity planning
- Access control and biometrics
- Blast and ballistic protection
- Post-conflict policing and justice
- Skills development in counter-terrorism, surveillance, etc
- Protective clothing, equipment and uniforms
- Manned security solutions.

Working with client companies in these areas, Envision has developed a good understanding of international security and defence markets.

## Where we work

Envision primarily works with companies that are based in Northern Ireland, the Republic of Ireland and Scotland. We have recently begun to work with companies in the sector in Scandinavia, and are developing relationships with companies internationally.

We work with those client companies in security and defence to develop their markets globally.

To help us do that, we have 13 partner companies, with offices in 24 countries, covering almost 40 global markets.



# Fast Engineering Ltd



5 Windmill Court  
Antrim  
BT41 2TX

**Web:** www.fastank.com  
**Phone:** +44 (0)28 9442 8686  
**Email:** seamus@fastank.com

Employee numbers: 12

## What we do

### FASTANK

FASTANK®, a patented liquid storage container, is used for oil and chemical emergency spill clean-up, by aid agencies, the water service, and in fire fighting and civil defence.

Since inception FASTANK® has quickly become the tank of choice for fire fighting, military, oil and chemical spill clean-up and hazardous materials decontamination.

We have extended and adapted our range of storage containers and accessories to meet changing customer needs. Our range includes decontamination tanks and noxious liquid containment bunds.

Today the FASTANK® range of tanks and bunds is exported to over 100 countries throughout the world, to service security and fire-fighting needs.

### FASTASLEEP

The FASTASLEEP® range is supplied to the UK's police forces and is exported to police and prison services in Cyprus, the Middle East, the Caribbean and other places around the world.

In 1988 two prisoners in the custody of Northern Ireland's police force set fire to their cell bedding which resulted in their death. The police authority approached us to design and manufacture a vandal proof and flame resistant mattress.

After significant investment in R&D the first FASTASLEEP® mattress was designed, manufactured and supplied in early 1989. The police force was delighted with the result and published an article in the Police Gazette. Within months many of the UK police constabularies were using the FASTASLEEP® mattress for their custodial cells and continue to do so. The range has since been extended to include fire resistant pillows, high security blankets, fire resistant blankets and other items for cell bedding, including mattresses specifically for disabled detainees.

## Where we work

Worldwide

## Examples of our work

### DECONTAMINATION

The FASTANK bund is ideal as a transportable decontamination pool for removal of almost any type of contamination. It is quickly and easily assembled, without any tools, and has proved an effective means of contaminant containment. The available accessories mean the package can be tailored to the individual requirements of each particular application. The sizes range from 1m x 1m to 3.5m x 6.5m and larger if required.



FASTASLEEP

### FASTANK 2000 Airports Spills and Fire

FASTANK 2000s are used at airports throughout the world for fire fighting and pollution control. With increased international awareness of the negative environmental impact of spills, the containment of fuel spills is a necessity. Airports face significant financial penalties if aviation fuel is leaked or spilled and enters the environment. The FASTANK 2000 is used successfully to recover spilled fuel preventing widespread environmental damage. Many industries such as aviation, construction, mining, transportation and marine benefit from FASTANK's immediate containment capacity in the event of a spill. Because the FASTANK is easily transportable it is suited to the collection of fuel, and other polluting fluids, wherever the location.

#### FASTANK Firefighter



FASTANK Rapide for Washdown



# Focus Intelligence Consulting Ltd



Scottish Provident Building  
7 Donegall Square West  
Belfast  
BT1 6JH

**Web:** [www.focusintelligence.co.uk](http://www.focusintelligence.co.uk)  
**Phone:** +44 (0) 7512 543644  
**Email:** [info@focusintelligence.co.uk](mailto:info@focusintelligence.co.uk)

Employee numbers: 11 – 50

## What we do

Focus Intelligence Consulting (FIC) is a UK registered specialist investigation consultancy and training company based in Northern Ireland and operating globally.

FIC offers a range of intelligence and investigation policing systems solutions, training services, and bespoke investigation services, where the focus is on the establishment, development and transformation of policing functions to support the rule of law and accountable/transparent criminal justice systems.

Areas of focus include:

- National security, counter-terrorism, counter-insurgency strategies
- Homeland stabilisation and security, the security of borders
- The rule of law, the criminal justice systems
- Policing services
- Intelligence-led policing
- Sensitive intelligence-led investigations
- Internationally-based joint counter-terrorism and serious and organised crime investigation protocols and joint investigation teams.

FIC is particularly focused on projects where the objective is to build and transform capacity, capability, and operational efficiency in intelligence and investigation policing.

The company works in-country, on-site, and with full engagement with clients. The team is flexible, and can deploy quickly to meet a specific immediate requirement.

Clients include:

- National police forces and government departments engaged in the delivery of the rule of law, justice, and national security
- Government departments, agencies and military organisations operating within international coalition stabilisation and security frameworks and peace-keeping missions
- Corporate and individual clients and corporate-based crisis management teams who require confidential, bespoke investigative advice and solutions.

FIC consists of a strong team of directors and consultants who are all highly qualified and experienced former police officers in Northern Ireland and Great Britain.

FIC consultants are all former intelligence, investigation, and covert policing specialists who have been at the forefront of counter-terrorism and serious and organised crime investigation over the past 30 years, specifically:

- Senior intelligence officers
- Senior investigation officers
- Intelligence officers
- Investigation officers, including financial and forensic specialists
- Covert policing officers, including physical and technical surveillance and interdiction specialists
- Tactical co-ordination and proactive response specialists.

FIC's offering has been developed from direct first-hand experiences of policing in the hostile and dangerous environments of Northern Ireland, the Balkans, Iraq and Afghanistan, where the strategic priorities of the National Policing Plan and the civil policing response has focused on building capacity and capability in:

- Counter-terrorism
- Counter-insurgency
- Upholding the rule of law
- Maintaining public order
- Protecting the community
- Responsive policing
- Re-connecting the police and the community.

The FIC team of consultants have all had distinguished, courageous, and exemplary police careers across all levels of tactical, middle and senior police management. Consultants have all attended a programme of continuous professional development and attained full operational and training accreditation (UK Association of Chief Police Officers) relevant to their area of tactical expertise.

## Where we work

FIC works globally in Europe, North Africa, West Africa, East Africa, Middle East, South Asia, South-East Asia, North America, South America, and the Caribbean.



# Fugro-BKS



Unit 17 Sandel Village Centre  
Knocklynn Road  
Coleraine  
BT52 1WW

**Web:** [www.bks.co.uk](http://www.bks.co.uk)  
**Phone:** +44 (0)28 7035 2311  
**Email:** [sales@fugro-bks.com](mailto:sales@fugro-bks.com)

**Group structure:** Fugro-BKS is a wholly owned subsidiary of Fugro N.V. The Fugro group, based in The Netherlands, was founded in 1962 and has 11,500 staff and a permanent presence in 50 countries. Fugro's core activities include survey and geotechnical services and Fugro-BKS is part of the Geospatial Services Group within the Survey Division.

**Employee numbers:** 43

## What we do

Fugro is a major supplier of geospatial data services to government and private sector businesses delivering complete, end-to-end solutions related to the acquisition, interpretation, management and dissemination of geospatial information.

An ISO 9001:2000 approved company, Fugro provides customised 2D and 3D spatial data to current industry standard formats and platforms, which can be used for a wide range of applications: such as planning, water engineering, transportation, power transmission, utilities, land management, architecture, and environmental impact studies.

Services include:

**Remote sensing:** Fugro has built strong relationships with all the commercial satellite imagery suppliers and is able to supply data from any commercial system through existing distribution or agency agreements such as those with SPOT Image, ESA, DigitalGlobe, GeoEye, PASCO, ERSDAC, MDA and RapidEye. Fugro also has a team of image specialists who can create orthophotos, DTM and mapping services as well as undertake land cover classifications across a wide variety of terrains and image scales to support geological, environmental or logistical projects.

**Airborne data acquisition:** This is at the very core of our business and we have over 50 years conducting airborne data acquisition. Fugro owns and operates a fleet of aerial survey aircraft in Europe, Africa and the Middle East, fitted with the latest digital camera and LiDAR sensors to support virtually any airborne mapping project.

**Photogrammetric mapping:** Fugro offers end-to-end functionality in all aspects of photogrammetric production, including aerotriangulation, DTM and planimetric data extraction, and orthophoto production.

All mapping carried out, be it topographic, cadastral, engineering or other, is in digital format and is structured for direct input into major CADD and GIS systems such as AutoCAD, MicroStation, ArcGIS, etc.

**Geospatial mapping services:** Experienced in the latest hardware, software, and web-based technologies, Fugro offers a full range of GIS services including GIS data creation and conversion, GIS geodatabase design, GIS application development, web-based solutions, and spatial analyses. We work with a variety of technology platforms in meeting end-user organisational needs including Oracle, ESRI ArcGIS technologies, both server and desktop.

### Services for the Defence Sector

As a leading provider of geo-intelligence products and services, Fugro delivers a wide range of geospatial tools required by national security agencies.

## Where we work

Great Britain

Republic of Ireland

Europe

Middle East

Africa

## Examples of our work

### United States Army, European Corp of Engineers – indefinite delivery contract in support of surveying and photogrammetric mapping services:

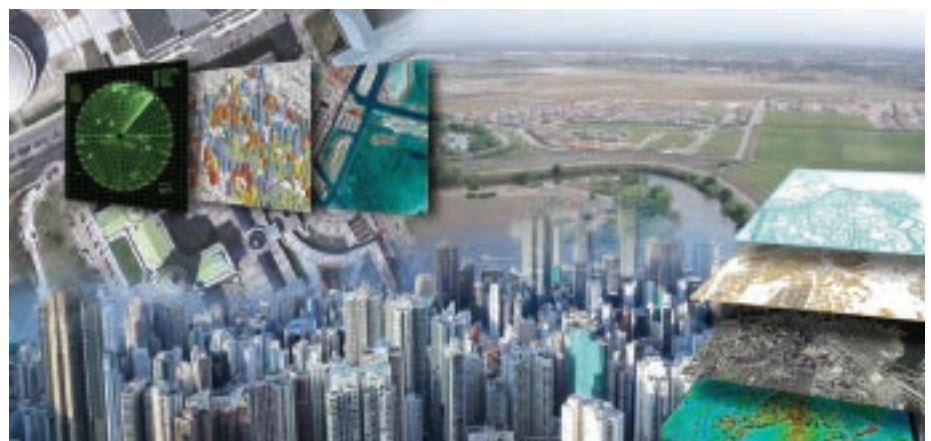
Framework agreement for provision of aerial photography, photogrammetric mapping, landuse/landcover interpretation, topographic mapping and GIS services throughout Europe and some areas in Africa.

### Geoconsult International:

Satellite mapping for areas in the Congo, Africa involving the update of 22 1:200,000 topographic map sheets using RapidEye 5m orthorectified satellite imagery.

### UK Highways Agency National LiDAR Framework:

Framework contract to provide a complete range of remotely sensed and high precision survey services, from fixed wing to helicopter mounted laser scanning systems; conventional and digital aerial camera systems; terrestrial surveying techniques; all aspects of data capture from digital terrain modelling to noise surveys, covering strategic sections of the trunk road and motorway network.



# General Cabins & Engineering Ltd



21-25 Corr Road  
Killyman  
Dungannon  
BT71 6HQ

**Web:** [www.generalcabins.com](http://www.generalcabins.com)  
[www.generalranges.com](http://www.generalranges.com)  
**Phone:** +44 (0)28 8774 7566  
**Email:** [peadar@generalcabins.com](mailto:peadar@generalcabins.com)

Employee numbers: 11-50

## What we do

General Cabins & Engineering Ltd has been designing and manufacturing steel enclosures for 25 years from their purpose-built factory and offices at Dungannon, Northern Ireland.

Today, not only does General Cabins continue to manufacture a wide range of vandal proof accommodation to meet the needs of clients operating in different market sectors but it also manufactures specialised bespoke steel enclosures to meet the needs of clients in different market sectors worldwide. The company is involved in:

**Live shooting ranges:** Shooting ranges can be supplied as a full turnkey project with heating, air conditioning and air filtration system (HEPA). They can be supplied with a standalone power supply from 10KvA to 2500KvA.

**Live/simulated fire:** General Cabins can design and construct specialised fire and rescue training facilities which provide realistic fire training scenarios. These units can be built to simulate a boat, plane, train, house, office or school.

**Shoot houses:** General Cabins is vastly experienced in the design and construction of safe shoot houses allowing for realistic combat training.

**Ballistic containment:** The General Ranges Ballistic Containment Box prevents splatter and ricochet, and 99% of airborne lead. It will capture intact the ammunition fired into it, up to and including 5.56mm and 7.62mm NATO ammunition. It is available as a standard and half-sized box.

General Cabins also offers portable and fixed weapons clearing, turnkey shooting ranges as well as the supply of generator sets.

General Cabins & Engineering is approved by Lloyds Registry to manufacture a range of ISO standard shipping and specialised container enclosures.

Research and development is important to the company in assessing the possibilities in the design and use of mobile and static steel enclosures.

There is a 20+ year guarantee on most engineered products with the ability to design and build bespoke, professional solutions to meet customers' needs and match current health and safety guidelines.

The company has conducted business globally with previous experience and strong continued interest in supplying police, military and emergency services all over the world.

## Where we work

General Cabins & Engineering has distributed to customers worldwide with General Ranges distributing its products throughout the UK and Ireland.

## Examples of our work

General Cabins & Engineering supplies generator sets to various countries and works for customers such as Caterpillar, FG Wilson and Northern Ireland Electricity.

General Cabins & Engineering supplies fire fighting training facilities to UK and Irish fire fighting units. All these facilities are bespoke and can be built to various heights to meet customer needs and requirements.

General Ranges supplies both live fire shooting ranges including live fire shoot houses, as well as simulation training facilities for customers such as the UK Ministry of Defence, UK police forces and the Irish police force. All these facilities are bespoke and can be built to various heights to meet the customer needs and requirements.



# Global Horizon Skills Ltd



Hillview House  
2-4 Kevlin Road  
Omagh  
BT78 1LW

**Web:** www.ghskills.com  
**Phone:** + 44 (0)28 8225 0544  
+ 44 (0)28 8225 6772  
**Email:** info@ghskills.com  
catherine@ghskills.com

Employee numbers: 11 – 50

## What we do

Global Horizon Skills Ltd is a leader in the field of professional and personal development. The company has the scale, versatility and skills to work in many sectors, and in many skills areas.

Global Horizon Skills has a particular focus on the security sector, and specialist training in this areas includes:

- Security operations
- CCTV – in public areas
- Physical intervention in private security
- Stewarding at spectator events
- Public order training
- Weapons handling
- Close protection operations
- Chemical, biological and nuclear response
- Conflict management
- Counter terrorism protective security
- Intelligence management
- Witness protection
- Close target reconnaissance
- Covert photography and video methods
- Tactical urban and rural patrolling
- Anti-ambush drills
- Tactical covert skills
- Surveillance and counter surveillance.

The company is committed to providing clients with a high level of training and consultancy to meet both organisational needs, and individual staff needs.

The Global Horizon Skills team of facilitators has extensive industry experience and has developed best practice in private, community, voluntary and public sectors.

The team's experience means that the company has a thorough understanding of clients' needs, having been in the clients' position on many occasions.

Hence, training is designed to reflect the practical situations that client companies and their staff encounter so learning and development experiences have maximum impact:

- Client company goals are achieved
- Personal skills are developed enabling staff to carry out responsibilities effectively and in compliance with regulation.

Clients value:

- The breadth of the company's extensive course provision
- The capacity to deliver irrespective of location or programme volumes
- Tailoring – based on a real understanding of clients' working environments
- Quality – assured by the range of accreditations and registrations held by the company.

Global Horizon Skills is a registered centre through Edexcel for the delivery of SIA qualifications and is accredited through the following awarding bodies: City and Guilds, CIEH, EDI, JAUPT, CILT, OCR.

The company has also been awarded the ISO 9001:2008 Quality Standard.

## Where we work

Global Horizon Skills has delivered training extensively across Northern Ireland, the Republic of Ireland and Great Britain.

The company is actively developing into international markets. Training has been successfully delivered in the Middle East, and Global Horizon Skills is working to build from the Middle East into other geographical locations where there is a requirement for quality training in security.

## Examples of our work

Global Horizon Skills is currently establishing a centre of excellence in Saudi Arabia for the training of Saudi nationals as professional security guards.

Global Horizon Skills regularly delivers training in a range of security skills for security staff employed at Darley Stud, Newmarket, the thoroughbred breeding operation owned by HH Sheikh Mohammed bin Rashid Al Maktoum, ruler of Dubai.



# Guardian 24



Guardian24 House  
Unit 4  
9 Heron Avenue  
Belfast  
BT3 9LF

**Web:** [www.guardian24.co.uk](http://www.guardian24.co.uk)  
**Phone:** +44 (0)28 9046 6460  
**Email:** [info@guardian24.co.uk](mailto:info@guardian24.co.uk)

Employee numbers: 11 – 50

## What we do

### Going beyond lone working – working safe, working smart.

Guardian24 was the first technology solution to address the lone and mobile worker market in the UK. We work with housing associations, NHS, charities, local authorities, financial services and educational institutions – anywhere there are employees who work alone in the community.

The Guardian24 system has evolved to become the industry flagship and the best-in-breed. Guardian24 is, by several measures, the leading supplier of solutions to the UK lone and mobile worker market, focused primarily on lone worker safety. The value we add to clients is reflected in a contract renewal rate in excess of 94%.

### What is unique about Guardian24?

**Continuing innovation and support by our in-house development team:** The Guardian24 service was conceived, designed and developed in-house where a technical team constantly develops the service as new enabling technologies emerge.

**We focus on being easy to do business with:** Our contracts are simple and flexible – we are open and clear about what we will deliver.

**Beyond lone working:** We are the only lone worker solutions supplier currently delivering solutions which are integrated as part of mobile working initiatives. We can integrate seamlessly with your existing mobile applications supporting the safety of your lone working and mobile staff.

**Guardian24's unique Usage Management Program:** A lone worker solution is only effective if it is used. We promote and maintain high usage levels through our Usage Management Program which involves coaching of low usage staff, refresher training, proactive SMS campaigns, and access to the Guardian24 online community GuardianSafetyNet for lone and mobile workers.

**Enhanced location-based technology:** We have joined forces with Delma MSS to offer enhanced location-based technology which overcomes GPS location restrictions and further assists emergency services to pinpoint lone and mobile workers in time of need.

Guardian24 also delivers real value and savings to employers, through ease of use, and staff efficiency.

## Where we work

Guardian24 works with clients throughout the UK, Ireland and the USA.

## Examples of our work

Essex County Council is a large local authority in England. Its lone workers cover a large geographic area, visiting disabled and vulnerable adults in their homes.

They use Guardian24 via their mobile phones. They log in prior to each visit giving details of the address, which corresponds to the entry on their electronic diary. They also have access to a panic button in case of emergencies.

Using Guardian24 the local authority has peace of mind that staff lone working issues are taken seriously and personal security is paramount.

“Guardian24 ensures lone working staff feel comfortable. They can contact us in an emergency by using the emergency key on their phones and know an alert will be raised if a visit over runs.”

Roger Milne: FABA Team Manager



# Hamilton Erskine Ltd



17 Moss Road  
Ballygowan  
Co Down  
BT23 6JQ

**Web:** www.Tecdur.com  
**Phone:** +44 (0)28 9752 1754  
**Email:** rcc@hamiltonerskine.com

Employee numbers: 0-10

## What we do

Hamilton Erskine Ltd specialises in developing innovative technology in the fields of physical/ballistic/blast protection glazing and blast mitigation for structures. With design, glass and plastics/fibre-reinforced plastics production facilities, Hamilton Erskine is a specialist specifier and manufacturer. It also has ongoing research and development projects with a number of European academic institutions and consultancies in the development of leading-edge technology in materials and related work to develop other security products.

The main segments of the company are:

### Blast protection for walls / windows

The Tecdur BlastWall System consists of specially designed lightweight panels that are specified to the building and threat and fitted internally to the wall at risk. The panels' light weight means that the structure will not need to be reinforced just to take their weight. The panels come ready finished meaning minimal disruption. The system is primarily for retrofit for temporary or permanent installations.

### Enhanced manual attack / ballistic / blast protection glass

The Tecdur Glass laminating process uses an innovative clear resin that overcomes the limitations of existing laminating systems. Hamilton Erskine is recognised as the UK market expert in this field, frequently developing bespoke solutions for customers and helping them through to final accreditation(s).

Client types and projects include:

- Prisons and correctional facilities
- Suppliers of doors and windows to the security sector
- Mental health institutes
- High-end jewellers
- Embassy buildings
- Oil and gas sector.

The company holds multiple accreditations on enhanced security glazing including:

- ISO 9001 – manufacturing system
- LPS 1270 – manual attack glazing
- ISO16933 – blast glazing
- EN1063 – ballistic glazing
- HOSDB protected spaces – blast protection.



## Where we work

The company predominantly works with clients in Great Britain and the Republic of Ireland with growing uptake in Western Europe.

## Examples of our work

Manufacture and supply of enhanced security glazing for a full refurbishment of European prisons, supplying cell and internal glazing to resist high levels of attack. Projects are ongoing with over 1,200 pieces supplied so far.

The company has also manufactured, supplied and installed wall reinforcement for selected buildings on the 2012 Olympic sites.

Design, manufacture and installation of a novel ballistic and manual attack counter screen system for a UK police force. One station is complete, with a second being developed.



Canberra House  
203 Airport Road West  
Belfast  
BT3 9ED

**Web:** [www.heartsine.com](http://www.heartsine.com)  
**Phone:** +44 (0) 28 9093 9400  
**Email:** [info@heartsine.com](mailto:info@heartsine.com)

Employee numbers: 0 – 10

## What we do

HeartSine® was founded in 1998 to continue innovative development of advanced lifesaving products for the treatment of sudden cardiac arrest.

Our passion to innovate began in 1967, when we invented the first mobile defibrillator and changed the way the world delivered emergency care. In the years since, HeartSine has continued its passion to innovate by advancing mobile defibrillation and lifesaving technology.

By providing technologically advanced, easy-to-use, affordable automated external defibrillators (AEDs) for home and public access markets, HeartSine continues to provide medical devices that save lives.

Our flagship product, the samaritan® PAD (public access defibrillator), which is designed for use by rescuers of all skill levels, has been deployed in thousands of facilities.

Being the technology leader in the global AED industry enables us to offer the best of all worlds in the clinical performance, durability and cost of ownership of AEDs. As a result of our leadership position, the HeartSine samaritan® PAD is recognised around the world for lifesaving technology.

## Research and development

Our R&D is spearheaded by an impressive team of technology experts and renowned luminaries in the industry. A panel of key authorities in the field of resuscitation employ their wealth of clinical experience on our Clinical Advisory Board to support our development of ground-breaking innovative technology.

To augment and enhance our in-house development activities, we have established links in Northern Ireland with the University of Ulster, Northern Ireland Ambulance Service, Craigavon Area Hospital and the Royal Victoria Hospital, a world-renowned teaching and research hospital. In addition, we have initiated research with the University of Pennsylvania and Penn Presbyterian Medical Center, the world-leading institution for the advancement of resuscitation therapies.

## Where we work

HeartSine AED products are currently available in 29 languages and are saving lives in more than 40 countries.

## Examples of our work

HeartSine is proud to have provided AED to the security and policing sector worldwide.

Almost 2,000 samaritan® PADs have been stationed by Singapore Ministry of Defence covering military camps throughout the country. In addition, HeartSine AEDs are trusted by the New South Wales Police Force, Australia, the Ontario Provincial Police Force, Canada, the Police Service of Northern Ireland, UK, the White House, Washington DC and the US Army, Navy and Air Force to save lives in the case of sudden cardiac arrest.



# Hunter Apparel Solutions Ltd



Unit 9  
Springtown Industrial Estate  
Springtown Road  
Londonderry  
BT48 0LY

**Web:** [www.hunterapparelsolutions.com](http://www.hunterapparelsolutions.com)  
**Phone:** +44 (0)28 7126 2542  
**Email:** [stephen.fawl@hunterapparelsolutions.com](mailto:stephen.fawl@hunterapparelsolutions.com)

Employee numbers: 11 – 50

## What we do

Hunter Apparel Solutions is a specialist in the design, development, manufacture, sourcing, warehousing, distribution and supply of apparel products (uniforms, workwear, corporate clothing) and footwear to customers in the police, fire services, ambulance service, the military, private security, and in the corporate world.

Building on a tradition of manufacturing since 1936, the company has developed:

- A large and highly skilled team of fitting staff, all trained to provide excellent advice on fitting issues to staff
- A team of specialist ballistic vest fitters for security customers
- Web based managed services designed to suit the client's business, and to facilitate ease of contract management, logistics, communication, etc.
- An online e-procurement management system
- Modern warehousing and supply chain management technology and processes.

Based on this, the company has the skills, knowledge and experience to manage all aspects of:

- Garment design
- Garment manufacturing
- Person packing service
- E-commerce ordering and management reporting system
- Mobile sizing

... and it offers customers the complete garment solutions package.

Hunter Apparel Solutions is rated as 2A1 by Dun & Bradstreet, and is rated as the 'Best Trading Partner' by Plimsoll (industry analyst).

The company is accredited in accordance with ISO 9001:2008 (Quality Management System), ISO 14001:2004 (Environmental Management System) and OHSAS 18001:2007 (Health & Safety Management System),

by the National Quality Assurance (NQA) with the full scoping of design, development, manufacturing, sourcing, warehousing, distribution and supply of apparel products.

## Where we work

Hunter Apparel Solutions works with customers in the UK, Republic of Ireland, Europe, Middle East and the Pacific Rim.

## Examples of our work

### An Garda Síochána – Irish Police Service

Hunter Apparel Solutions supplied all 13,000 Garda officers for four years. This contract included a fitting service involving:

- Measuring all 13,000 staff in their place of work (50 locations)
- Quarterly fitting visits to the Garda college to measure new recruits and to supply them with uniforms within 12 weeks.

Items supplied in this contact include: shirts, trousers, boots, ties, belt, gloves, cap, tie pin, Gore jacket, hi-visibility jackets, waterproof trousers and personal protection equipment.

### The Metropolitan Police

Hunter Apparel Solutions is the supplier of shirt and neckwear to the Metropolitan Police and has been a supplier for over six years.

The company delivers hundreds of thousands of shirts to the Metropolitan Police and 30,000 officers and 10,000 civilians all wear Hunter Apparel Solutions garments.

### UK Fire Service

Hunter Apparel Solutions is the supplier for the UK National Framework contract for the Fire Service.

This was awarded in 2009 with nine brigades joining the contract. Since then, another 14 fire brigades have joined the contract.

This is the largest fire service contract in the UK, supplying 120,000 garments a year to 20,000 wearers.





# HidInImage Ltd



University of Ulster at Magee  
Northland Road  
Londonderry  
Northern Ireland  
BT48 7JL

**Web:** [www.hidinimage.co.uk](http://www.hidinimage.co.uk)  
**Phone:** +44 (0)28 7167 5024  
**Email:** [demo@hidinimage.co.uk](mailto:demo@hidinimage.co.uk)  
[j.condell@ulster.ac.uk](mailto:j.condell@ulster.ac.uk)

Employee numbers: 0 – 10

## What we do

HidInImage Ltd is a spin-out from the University of Ulster. The company has commercialised world-leading research in secure digital watermarking – which ensures the security of transmitted data through hidden software messages.

Digital watermarks are embedded directly into the content of a digital image; watermarks cannot be seen by the human eye but can be recognised and read by enabled software and/or hardware for authenticating, tracking or monitoring purposes.

The patent-pending embedding techniques used are impervious to image and data compression. Hence, with HidInImage technology, data can be encrypted and embedded imperceptibly; and confidential images and records can be transmitted secretly and sensitively. So those images and records can be:

- Protected
- Distributed
- Shared, and
- Authenticated – a security ‘layer’ can authenticate and manage documents.

HidInImage technology therefore facilitates:

- Better collaboration – allowing for the secure sharing of images and documents
- Enhanced confidence and trust – as it allows for secure data (such as fingerprints, secure codes, etc) to be encrypted and hidden within images or documents for transmission or exchange.

This confidence is boosted by the fact that document tampering can be easily identified.

### Target Sectors

The HidInImage digital watermarking technology can be used across many applications in:

- Legal services
- Financial services
- Government

- Military and security
- Health
- News and media
- Business services.

### Applications

- Authenticate identity
- Improve security – for example at airport checks-ins and other public access points
- Ensure the integrity of forensic photographic and video evidence
- Transmit sensitive information such as medical records, or security records
- Strengthen protection of copyright, branding, and intellectual property
- Guarantee images and videos have not been tampered with – in security, criminal justice, and international news and media.

## Where we work

HidInImage’s technology has global application, and the company is pursuing international opportunities in the security, defence, health, legal and financial services sectors, amongst others.

## Examples of our work

The company is currently working with its first major customers in commercial intellectual property protection, brand integrity and brand authentication, and transmission of sensitive/confidential information.



# IdentiGait



University of Ulster at Magee  
Northland Road  
Londonderry  
BT48 7JL  
N Ireland

**Web:** [www.identigait.com](http://www.identigait.com)  
**Phone:** +44 (0)28 7167 5024  
**Email:** [j.condell@ulster.ac.uk](mailto:j.condell@ulster.ac.uk)

Employee numbers: 0 – 10

## What we do

IdentiGait is an intelligent automated camera solution that can monitor individuals' behaviour and activities through gait recognition.

IdentiGait Ltd is a spin-out from the University of Ulster. The company is commercialising world-leading research from the Computer Science Research Institute at the university.

The system, developed by Dr Joan Condell, can work in adverse conditions where, for example, images are captured at a distance or in non-ideal lighting conditions.

Identification can be provided from low-resolution CCTV footage, enabling the system to monitor non-invasively and without requiring individual co-operation. Hence the solution is suited to uncontrolled real-world environments and scenarios.

The innovative IdentiGait solution is unique because of the algorithms developed, which can reliably identify individuals by their gait and so can identify them from a distance.

Potential security threats can therefore be monitored:

- From a distance, without the knowledge of suspected individuals; and
- When suspected individuals may be disguising their features, wearing different clothes or carrying unknown objects.

The IdentiGait solution uses patent-pending feature extraction techniques to find necessary gait information from captured 'noisy data'. Hence, the IdentiGait solution can be used for a range of security, surveillance and monitoring applications. The company is launching a suite of tailored products that will efficiently automate the process of identification using gait in different use scenarios.

## The Products

**Gait-Authenticate:** This is intended for use in situations where there is a need to authenticate the identity of a person. Typical scenarios will be prisons, airports, border security and access control to high security buildings. It can be used as a complementary technology to work alongside existing identification and access control technologies.

**Gait-Find:** This product will be used to identify and find the location of missing persons and will be used by law enforcement agencies and private investigation companies. It will automatically scan real-time video input (such as CCTV or other surveillance footage) and trigger an alarm when a match is made against a database of known missing persons. This product proves that the technology can be used in real-time situations and is capable of analysing large data sets from multiple inputs.

**Gait-Fugitive:** The third product will be used in the automated surveillance of vast inputs of CCTV or surveillance footage. It will be used to automatically identify people on watch lists of known or suspected felons, terrorists, etc. This product will be targeted at domestic and military intelligence and security organisations, which are tasked with identifying individuals of interest, often covertly.

Gait analysis, which can be carried out at a distance, is ideal for these types of surveillance situations.

## Where we work

The IdentiGait technology and product suite has global application and the company is currently pursuing opportunities worldwide.



# Inova Gates Ltd



76 Derrynoid Road  
Draperstown  
Magherafelt  
BT45 7DW

**Web:** [www.inovagates.com](http://www.inovagates.com)  
**Phone:** +44 (0) 28 7962 7264  
**Email:** [alana@inovagates.com](mailto:alana@inovagates.com)

Employee numbers: 0 – 10

## What we do

Inova Gates provides specialist automatic gates solutions that are designed to cater for high-end security applications and high-end, high security specialist access control solutions. Inova Gates' products fall into three categories:

- Bespoke specialist gates
- General industrial gates
- Silverline aluminium automatic gates.

The Inova specialist range offers bespoke solutions to clients who have high security as their paramount concern.

Inova Gates is the UK and Republic of Ireland manufacturer and supplier of the Berlemann GmbH sliding gate range. We have the full backing of Berlemann in developing new business in the UK and ROI.

The company's professional design consultants work closely with architects and specifiers to tailor designs to suit individual needs and requirements. We are extremely flexible in our manufacturing capabilities and can adapt bespoke infills to the gate unit and enable third party integration (where applicable) into the overall system.

Inova Gates' design and production capabilities are as innovative as its products. Every gate is tailor made to meet client requirements. Investments in the most modern manufacturing technology and automation systems make new assembly methods possible. From receipt of order to delivery and installation on site, the Inova Gates team provide quality at the highest level.

Current and previous high profile clients include:

- The National Grid
- Siemens
- Toyota
- EDF Energy
- ESB
- Royal Mail
- The London Olympics 2012

Many Inova specialised sliding gate systems have been deployed into power stations, sub-stations, treatment plants, local authorities, police authorities and cash counting centres throughout the UK and Ireland.

### Patented Drive System

Inova Gates' unique, award-winning motor and beam design has all the drive mechanism inside the lower beam, unlike conventional models within the cantilevered sliding gates market that have part of the running gear inside the beam and the rest outside.

This means that the drive functions are completely invisible from the outside (as shown in the photograph), and are protected from weather elements and vandalism. The patented four-wheel drive system also delivers outstanding reliability and gives the Inova gate a light, almost floating movement.

## Where we work

We work in the UK and the Republic of Ireland.

## Examples of our work

### EDF Energy & Siemens for London Olympics 2012

Inova Gates designed, manufactured and supplied the client with an industrial specialist sliding gate complete with integrated pedestrian gate and alloy sheeted surface. It is designed to prevent terrorist attacks, intruders entering or seeing into the Olympic compound. It is complete with all safety edges, key activated switches, remote controls, soft starts and inflex special controls. The gates are made up of RHS vertical infill bars with alloy sheeting to give total vision block.

### National Grid Sub-Station – Offerton

The company provided an Inova industrial cantilever sliding gate, fully automatic, incorporating a palisade infill to match the perimeter fence. Finished in light grey, this Inova gate also includes 10Kv induced pulse wires complete with electro fence extensions. These span from ground level up to 1.05m above the Inova sliding gate and around the complete sub-station perimeter providing a highly secured area.



# inphoActive Ltd



Innovation Centre  
NI Science Park  
Titanic Quarter  
Queen's Road  
Belfast  
BT3 9DT

**Web:** [www.inphoactive.com](http://www.inphoactive.com)  
**Phone:** +44 (0)28 9073 7840  
**Email:** [mike@inphoactive.com](mailto:mike@inphoactive.com)

Employee numbers: 0 – 10

## What we do

inphoActive provides easy-to-use data capture applications using digital pen and tablet technologies. These applications help increase business efficiency, reduce costs and improve quality of service.

As well as being very simple to use, the data capture solutions can be used offline. This means you do not have to be connected to the network to use the application. The system works equally well with tablets as it does with digital pen.

## Our key skills are:

- Business process analysis
- Technical consultancy
- Form design, coding and testing
- System delivery and implementation
- Training
- Project management and technical support.

inphoActive is currently developing a new forms processing portal and new integration modules for its data capture applications.

We are an Anoto Gold Partner.

### Target customers

Law enforcement

Police forces

## Where we work

We are currently working in Northern Ireland and Great Britain.

We are developing new opportunities in the US.

## Examples of our work

### The Department of Agriculture and Rural Development (DARD)

DARD initiated an inphoActive digital pen technology project to streamline the data collection part of their farm inspection process. Digital pens were provided for the inspectors along with specially designed digital paper inspection forms. The information collected by the digital pen is sent through to the Inspection Database System for milk production.

The joined up solution works extremely efficiently, from initial form filling right through to data validation, data upload and management reporting.

### The Police Service of Northern Ireland

Pen and paper is still one of the best ways to take a written witness statement. The challenge to the PSNI was how to make the information contained in a paper witness statement available to the rest of the organisation, quickly and efficiently.

inphoActive provided digital pens and digital paper witness statements forms to over 4,000 front line uniform and Criminal Investigation Department officers. When an officer docks their pen within the PSNI's secure network, the system now automatically uploads digital pen witness statements to the Niche® records management system.

The quality of information being collected has been improved and information is available to the organisation immediately and can be acted upon quickly.

### NI Guardian Ad Litem Agency

The Agency wanted its 'Guardians' to be able to collect information from their clients simply and efficiently, and upload it automatically to their back office Case Management System (CMS).

InphoActive's solution was to provide digital pens for the Guardians along with specially designed digital paper recording forms. Data is now collected by the Guardian on the digital form and then transferred automatically using either a BlackBerry device if in the field, or a docking station attached to a PC if in the office.

The data collection process is more efficient and has significantly reduced the amount of time and effort spent on re-keying, while providing more up-to-date management information.



# JBC Security Services Ltd



Unit 2 Marshes Trade Centre  
Greenbank Industrial Estate  
Newry  
BT34 2QU

**Web:** [www.jbcsecurity.co.uk](http://www.jbcsecurity.co.uk)  
**Phone:** +44 (0)28 3026 3296  
**Email:** [info@jbcsecurity.co.uk](mailto:info@jbcsecurity.co.uk)

Employee numbers: 11

## What we do

JBC Security Services Ltd is owned and managed by Jim Barron.

Having celebrated 30 years in the security industry, JBC Security Services has recently expanded and relocated to new professional premises where the company will continue to develop and grow its business. JBC Security Services has considerable and extensive knowledge of the security industry and is currently extensively involved in the installation and maintenance of the following security systems:

- Intruder alarms
- CCTV
- Fire
- Gate automation
- Access control
- Emergency lighting
- External lighting.

The company ethos is focused on customer satisfaction and the firm belief that every customer, large or small, domestic or commercial, deserves to receive a professional and personal service tailored to meet their requirements.

The company only uses high quality, well-regarded systems that provide clients with trusted systems that match specific requirements whilst providing extensive value for money.

JBC Security Services ensures that, where applicable, full site surveys are conducted. The company acts in an experience-based consultative capacity to end-user clients, facilities managers, estates managers as well as key project managers such as electrical contractors.

The nature and scale of accreditations held by the company support its adherence to best practice in all aspects of its security activities. These accreditations include:

- National Security Inspectorate (NSI) Nacoss Gold Approved
- ISO 9001:2008
- Private Security Authority Approved – Licence NO: 03787
- CerticCS
- CSR registered
- Construction Line
- PSNI approved
- Insurance approved.

## Sectors

JBC Security Services works in the public sector alongside local councils, schools and healthcare establishments. The company also has a very healthy private sector customer database. We hope to continue developing our relationships with both of these sectors.

## Where we work

Based in Newry, JBC Security Services covers all areas throughout Northern Ireland and a large part of the Republic of Ireland market. Having recently achieved its Private Sector Authority Licence the company hopes to develop and expand its business within the Republic of Ireland.

## Examples of our work

JBC Security Services has recently taken over and upgraded a CCTV system for a council based in Co. Louth. This has given the company a strong insight into working in the Republic of Ireland with public sector clients.

JBC Security Services currently monitors and maintains the intruder alarm systems at 11 branches of a leading builder's merchant throughout Northern Ireland. This is a highly valued contract to JBC Security Services and we are proud to represent them.

JBC Security Services currently monitors and maintains the intruder alarm systems of a highly successful all-island cinema chain.



# JNP Architects



21 Alfred Street  
Belfast  
BT2 8ED

**Web:** [www.jnp-architects.com](http://www.jnp-architects.com)  
**Phone:** + 44 (0)28 9044 5930  
**Email:** [d.ohagan@jnp-architects.com](mailto:d.ohagan@jnp-architects.com)

Employee numbers: 11 – 50

## What we do

JNP Architects is a large and well established architectural practice with offices in Belfast and Dublin, and with a strong diverse portfolio of skills, expertise, and project experience.

The company delivers high quality, large and medium scale projects in a wide variety of sectors, including the security sector.

JNP Architects is also vastly experienced in mixed use urban master planning, which is carried through the design and construction process from inception to completion. The company also has deep awareness and understanding of sustainable design principles, and how these principles are applied to all areas of design and construction.

JNP Architects embarks on the design process with a holistic approach, providing clients with creative design solutions, integrating people, the built environment and spatial experience.

These skills are combined with practical project management and financial analysis skills to deliver exceptional solutions to clients. This high quality skills set, backed by reliable service has resulted in the development of a large client base, and a high level of repeat business with this client base, which includes:

- Government departments
- Homeland security
- Police departments
- Defence/Military organisations – the army and air force
- Prison operators
- Government justice departments
- Private sector commercial developments.

The company has great strength in its depth of expertise, based on the team of seven senior architects all of whom combine design skills with the company's pragmatic project management and financial management capability.

JNP Architects is a member of RIBA, and is accredited to ISO 9001 and ISO 14001.

## Where we work

JNP Architects works in Northern Ireland, the Republic of Ireland and Great Britain. The company is working to use its extensive experience in the security sector to bridge into international markets and projects.

## Examples of our work

JNP Architects has recently worked with the Police Service of Northern Ireland on a new-build, five-storey, city-centre District Command Unit headquarters building.

This was a £25m project. The 11,500 square metre building combined the district command centre, with a major 50-cell custody suite.

The building is accessed from a new public piazza, and is designed to provide a more accessible public interface for the PSNI.

JNP Architects has also recently completed a new-build, medium security, two-storey prison house-block.

This was a £15m project and comprised 120 cells with en-suite sanitation facilities, education facilities, gym facilities, staff areas, plus external exercise yards and playing fields.



# Laser Prototypes: LPE Ltd



Unit 2A Balmoral Link  
Belfast  
BT12 6QB

**Web:** [www.laserproto.com](http://www.laserproto.com)  
**Phone:** +44 (0)28 9096 0680  
**Email:** [sales@laserproto.com](mailto:sales@laserproto.com)

Employee numbers: 11 – 50

## What we do

Laser Prototypes provides solutions to the manufacturing industry through rapid prototyping and rapid manufacturing. The company's service range includes:

### Rapid Prototyping

- Stereolithography
- Selective Laser Sintering
- Vacuum Casting
- Concept Models
- Metal Castings
- In-house Finishing and Painting

### Rapid Manufacturing

- Selective Laser Sintering
- Vacuum Casting
- CNC Machining
- Reaction Injection Moulding

LPE works with a wide range of companies across all industry sectors where product design and development requirements call for rapid prototyping or where low volume manufacturing is required. Some key industries served by us include:

- The defence and security industry – product and component prototypes
- The architectural sectors – building models
- Automotive and auto-sport – components
- Consumer products – prototypes
- The film and animation industries
- The medical sector.

The company's design and manufacturing processes are quality approved to ISO 13485 and ISO9001.

LPE is the longest established rapid prototyping bureau in the UK and Ireland, and provides clients in these sectors with fast and consistent service, through a combination of:

- **Skills:** world leading skills in rapid prototyping, rapid manufacturing, stereolithography, selective laser sintering, vacuum casting, CNC machining, reaction injection moulding, finishing and painting, and customer service.
- **Technology:** running the very latest rapid prototyping machines including the high resolution Viper SLA Machine, the Formiga SLS machine, and the SLA iPro8000 machine with a build platform of 750x 650 x 550mm.
- **Capability:** the capability to work in a wide range of materials including 5 SLS, 8 SLA and 15+ vacuum casting resins.

This combination of skills, experience, and technical capability delivers real commercial advantages to client companies:

- A significant reduction in costly tooling errors through early design verification
- Short lead times reduce time to market, and increase commercial returns
- Early functional testing allows customers to get product design right first time
- The prototyping process allows clients to achieve early buy in (on product/prototype design) from management and from customers.

## LASER

Longest established rapid prototyping bureau in the UK and Ireland

Accurate high quality models

Short lead times

Experienced, friendly, professional team

Range of processes and materials to suit your requirements

## Where we work

LPE operates primarily in the UK and Ireland. The company has the capability to work on international projects and welcomes international project opportunities.

## Examples of our work

Models for Destruction Testing in the Defence Industry.

Running the very latest SLA materials, LPE is engaged on an ongoing basis by a leading defence manufacturing company to produce early test units for destruction testing.



# Marontech Ltd

## Marontech Communications

Campbell House  
31 Main Street  
Saintfield  
Co Down  
BT24 7AB

**Web:** www.marontech.co.uk  
**Phone:** +44 (0) 7880 506345  
**Email:** info@marontech.co.uk

Employee numbers: 0-10

### What we do

Marontech Communications is a marketing and communications consultancy specialising in the defence and security sectors. The company has many years of experience in delivering programmes which achieve results.

Marontech's core skills include planning and strategy (writing marketing plans and developing campaigns to help companies and brands with positioning and messaging), media relations (developing and implementing programmes to establish your relationships with the press), public and government relations (creating a dialogue with all your stakeholders), corporate marketing (developing campaign capture plans including influence charts) and marketing communications (brochures, exhibition presence, advertising campaigns, all marketing communications collateral).

Specific key skills include:

- Writing media releases and articles
- Creating marketing material
- Managing major exhibitions
- New product launches
- Running international marketing campaigns, which deliver results
- Helping to develop marketing strategy and plans.

Marontech is a member of:

- Chartered Institute of Public Relations
- Aerospace Defence Security (ADS)
- Small Business Unit, UKTI Defence & Security Organisation.

### Where we work

Global coverage

### Examples of our work

#### Marketing strategy development for defence SME providing power generators including:

- Market research into the size of market
- Development of an initial campaign plan
- Marketing communications plan
- Resourcing plan
- Competitor analysis.

#### Results:

- The decision was taken to enter the export market
- A defence sales executive was recruited
- Contracts in UK and overseas worth over £1m were secured.

#### Market study for a medium sized German based multi-market organisation supplying containerised fluid logistics solutions. This included:

- The formulation of a market study to identify future opportunities
- The development of a campaign capture process

- Supporting marketing communications
- Work has been conducted in defence and adjacent markets requiring similar skills.

#### Results:

- A marketing strategy is being created that is designed to increase both profile and order/sales intake.
- Initial work has identified previously unknown opportunities.

#### International marketing communications for a provider of shelter solutions for security and defence markets. This includes:

- Identification of routes to market
- Formulation of a communications plan
- Implementation of a plan including media relations, advertising, exhibitions and marketing collateral.

#### Results:

- Coherent activity was implemented which raised the company profile and hence knowledge of the company in its markets.
- Improved export sales were recorded, which had not previously been achieved.





# McElwaine Security Services Ltd



LITE House  
Cross Street  
Lisnaskea  
Co. Fermanagh  
BT92 0JE

**Web:** [www.mcelwainesecurity.com](http://www.mcelwainesecurity.com)  
**Phone:** +44 (0)28 6772 3131  
**Email:** [info@mcelwainesecurity.com](mailto:info@mcelwainesecurity.com)

Employee numbers: 11-50

## What we do

McElwaine Security Services Ltd is a family run business situated in Lisnaskea Co. Fermanagh. The company provides services to both the commercial residential and public sectors, with an extensive portfolio of products which include:

- CCTV
- Fire alarms
- Intruder alarms
- Access control
- Automated gates
- CCTV monitoring
- Public address systems
- Voice evacuation systems
- Integrated security solutions.

McElwaine Security Services carries out design and installation projects across the UK and Ireland. Our systems are tailored to client specifications, and all meet the highest standards. Our company operates to NSI NACOSS Gold accreditation in the UK and the PSA in Ireland.

B Secure Monitoring Solutions is our own independent Alarm Receiving Centre based in Fivemiletown Co. Tyrone. Within this we can extend our services to our customers and other security companies to include CCTV monitoring, lone worker, social alarms, public space CCTV monitoring and site management.

Client types include:

- Construction sites
- Commercial properties
- Local councils
- Forecourts
- Retail and licensed premises
- Health trusts/hospitals
- Schools.

The company's experience is diverse, having successfully completed projects ranging from £1,000 through to £500,000, using its highly trained in-house teams of engineers and designers to give our clients a top class service.

## Where we work

Great Britain and Republic of Ireland

## Examples of our work

McElwaine Security Services recently worked with a leading food processing company in Northern Ireland on the installation of a CCTV system for monitoring products and health and safety on site.

The company is working with a wholesale fuel importer on the installation of CCTV, intruder alarm and remote CCTV monitoring to monitor the storage site as well as additional security related activities.

McElwaine Security Services has installed a CCTV monitoring system for the monitoring of a school site to help deter vandals on the property.



# McMullen Facades Ltd



66 Lurgan Road  
Moirá  
Craigavon  
Co. Armagh  
BT67 0LX

**Web:** [www.mcmullenfacades.com](http://www.mcmullenfacades.com)  
**Phone:** +44 (0)28 9261 9688  
**Email:** [enquiries@mcmullenfacades.com](mailto:enquiries@mcmullenfacades.com)

**Group structure:** McMullen Facades is part of Lakesmere Group.

Lakesmere is a leading roofing, cladding and facade specialist contractor, offering its clients a complete design, installation and management service across the full range of systems that make up the external building envelope. The Lakesmere Group comprises Lakesmere UK, Lakesmere International and McMullen Facades Ltd.

**Employee numbers:** > 100

## What we do

McMullen Facades has a professional team that 'brings the architect's designs to life'. It undertakes design, fabrication and installation of aluminium curtain wall and window systems for medium and large scale building projects, with a particular focus on security.

Specialising in fully integrated facade design, McMullen Facades offers clients a range of high quality, fully tested facade products which give a one-stop, low risk exterior facade solution.

With 40 years' experience, the company has built up design and engineering expertise that can deliver the most complex of facades. This expertise extends to providing the highest quality and performance to meet the ever growing aesthetic and environmental demands of the construction industry.

With a design department considered by facade consultants as being as good if not better than European rivals, and a world leading manufacturing facility (in terms of quality control and employee engagement), McMullen Facades is the preferred choice of specifiers and customers.

The company produces a wide range of products allowing it to provide fully integrated facade solutions:

- Blast enhanced curtain wall
- Unitised curtain wall systems
- Stick curtain wall systems
- Windows and doors systems
- Structural glass assemblies
- Roof lights and glass domes
- Solar shading systems
- Various rainscreen systems, louvre systems, and PV systems.

Of particular importance to the security industry is the company's ability to design a wide range of security facades at different levels of protection, and that meet a recognised threat – blast, bullet and forced entry.

McMullen Facades is one of the few companies that offers doors and windows tested to forced entry and bullet resistance standard for the US Diplomatic Service. In addition independent blast tests have been carried out using TNT from 100–500kgs.

The company's project experience covers contracts valued at up to £12m (facades only), and many sectors including security and defence, government and commercial applications.

McMullen Facades holds all of the important accreditations and approvals and has a range of products and systems which have their own tested and certified blast, forced entry and ballistic ratings.

## Where we work

The company works in the UK and globally, for example, it has supplied facades to Kabul, Baghdad, Beirut and Islamabad.

## Examples of our work

### Queen Anne's Gate, London: £8m

Refurbishment, involving stripping existing windows and curtain wall, and addition of new steelwork. All new windows and screens were constructed using blast mitigating sections and glazing meeting new security requirements.

### Greater Manchester Police HQ: £6.2m

Design, manufacture and installation of security enhanced curtain wall system – a blast enhanced capped curtain wall system with integrated solar shading.

### British Embassy Algiers: £200,000

The first British Embassy assessed under BREEAM, with day-lighting of the internal spaces being critical, McMullen Facades provided blast mitigating curtain wall and windows, overseeing the installation by local fixers.



Greater Manchester Police HQ

# Mercury Security Management Ltd



Mercury House  
7 Portman Business Park  
Lisburn  
BT28 8XF

**Web:** [www.mercurysecurity.biz](http://www.mercurysecurity.biz)  
**Phone:** + 44 (0)28 9262 0510  
**Email:** [fcj@mercurysecurity.biz](mailto:fcj@mercurysecurity.biz)

Employee numbers: > 100

## What we do

Founded in 2001, Mercury Security Management Ltd is a leading mid-sized Northern Ireland security management company, with offices in Dublin and London. The company has developed some of the finest integrated security solutions bringing together manned services and technology. Services include:

- CCTV remote monitoring
- Alarm monitoring
- Manned guarding and concierge
- Key holding and alarm response
- Satellite tracked mobile patrols
- Staff and vehicle escort services
- Lone worker monitoring
- Vehicle and asset tracking
- Approved and accredited training.

Mercury Security Management is focused on innovation, creativity and delivery, and most of all on clients and their specific requirements. We seek to align closely with client objectives and measure success in terms of client business outcomes.

The company continues to invest significantly in training and development to secure its position at the forefront of technology, innovation, and project delivery.

It is our policy that all employees are provided with the training to ensure that they can carry out all tasks and duties expected of them in a manner that considers the quality of technical service delivery, client outcomes and environmental issues.

The company maintains a culture of continuous learning and improvement, which maximises management and employee performance, aligned to client business requirements.

Mercury Security Management provides clients with a dedicated account team and as part of the contract implementation plan we agree the tailored service configuration, including metrics and service levels agreements.

Our team are thought leaders in security with extensive security services experience and expertise. Our expertise and robust processes combine to make the company the leading mid-sized security services provider in Northern Ireland.

All of Mercury Security Management's systems, processes and procedures fully comply with international, European and British quality standards, and they are regularly subject to internal and external audit.

At Mercury Security Management total quality management is not just about accreditation, it is about ensuring superior levels of customer service and establishing a methodology for continuous business improvement. The company is fully accredited and approved by all relevant bodies:

- Investors in People
- ISO 9001:2008 for the provision of security services
- NSI ARC Gold Scheme BS5979 Category 2 (BS EN ISO 9001) for the Monitoring Alarms and CCTV,

and all other SSAIB, SIA, BSIA, NSAI and PSA approvals and licences for remote monitoring, security guarding, key holding and public space CCTV.

## Where we work

Mercury Security Management employs 350 staff in the UK and Ireland. It also works for high profile international clients.

## Examples of our work

Mercury Security Management works with clients in the UK, Ireland and internationally.

- National Health Services
- Lidl supermarkets
- Castlecourt Shopping Centre
- Boots The Chemist – retail
- KPMG – business services
- Erne Hospital
- Grahams Construction
- Almac Pharmaceuticals
- Hilco UK & Ireland
- New York Stock Exchange



# Microsense



Unit 2 Ballinderry Business Park  
50 Ballinderry Road  
Lisburn, Co. Antrim  
BT28 2SA  
N Ireland

**Web:** [www.microwavefence.com](http://www.microwavefence.com)  
**Phone:** +44 (0)28 9560 0708  
**Email:** [info@microwavefence.com](mailto:info@microwavefence.com)

Employee numbers: 0 – 10

## What we do

MicroSense Solutions Ltd has 25 years' experience in designing, building and installing security products globally.

MicroSense is a patented, award-winning perimeter security system that will revolutionise traditional microwave fence solutions based on a secure IP platform. In addition to its secured patent, the company also has two further patents pending.

The MicroSense microwave barrier is one of the most reliable and safe intrusion detectors used for outdoor perimeter protection. It is designed to detect movement in external environments and is particularly suitable for areas where other types of external detectors cannot be used or do not give full coverage.

The wireless perimeter fence is made up of a series of nodes. When in sequence, an electromagnetic beam, using high frequency waves, passes from a transmitter to a receiver creating an invisible but sensitive detection curtain around a secure location.

“Edge Intelligence” ...

The system is revolutionary in that it:

- Simplifies the installation process – creating a measurable reduction in installation cost
- Reduces the cabling requirement
- Ensures network integrity – with secure communications
- Reduces the false alarm rate dramatically – creating a measurable reduction in false alarm overhead.

Increased detection and discrimination of false alarms – which is due to the high precision sensor technology and the unique contour of the microwave beam – offers protection that can distinguish real targets from nuisance environmental disturbances.

This allows the system to be used in conjunction with pre-existing security measures such as metallic fences. This dramatically reduces the level of false alarms while increasing the reliability of the security system in place.

MicroSense delivers this through a combination of:

- Integrated deadzone detection
- Wireless backhaul (via fence links)
- Bi-directional detection
- A self-learning algorithm
- Network encryption – creating complete network security and integrity
- All powered over Ethernet.

MicroSense is ideal for perimeter security on large sites, in a diverse range of situations such as:

- Enterprise – data centres, warehousing
- Government
- Critical infrastructure – airports, power generation, rail, etc
- Prisons
- Military installations.

## Where we work

MicroSense is a world-leading technology that has global application. The company has already completed installations in the UK and China and is actively pursuing project opportunities in mainland Europe, Asia and the Middle East.

The company is currently pursuing a full airport perimeter project opportunity.

## Examples of our work

### Secure site installation (China)

The company has completed a secure perimeter installation around a large vehicle depot. This installation involved:

- An 8-node full perimeter
- Microwave detection at 50m
- Wireless backhaul
- Audio alerting, and
- Management via a cloud-based monitoring software.



# Minerva NI Ltd



212–218 Upper Newtownards Road  
Belfast  
Co. Antrim  
BT4 3ET

**Web:** [www.minervani.com](http://www.minervani.com)  
**Phone:** +44 (0) 7802 618999  
**Email:** [andrew@minervani.com](mailto:andrew@minervani.com)

Employee numbers: 0-10

## What we do

Minerva NI is a leading private security, training and risk management company specialising in security training and specialist security services on a global scale.

The company comprises former specialist police and military officers experienced at both strategic and specialist practitioner level in counter terrorism, protective security and risk management. We offer bespoke consultancy and a specialist training function and are currently operating in a number of complex, sensitive and high risk environments where operational success relies on the:

- Effective integration of partner agencies
- Sharing and use of intelligence
- Co-ordination of specialist assets both covert and overt
- Implementation of risk mitigation measures to achieve successful interdiction and diminution of the terrorist threat.

The company has developed high credibility levels in the provision of security consultancy for the management of physical, personnel and information security at the highest levels in both public and private sectors.

Minerva NI provides training needs analysis and training for all intelligence related subjects including the development of:

- Counter terrorism strategy
- Command and control
- Interoperability
- Intelligence gathering
- Development, analysis, assessment and the management of risks in order to guide and prioritise activities and the efficient use of resources.

All consultancy and training draws on the company's extensive experience and incorporates best practice as defined by the UK's National Police Improvement Agency, (NPIA). The intelligence training is delivered using the UK's National Intelligence Model (NIM).

Minerva NI can develop bespoke training, and supply mentors and subject matter experts for all intelligence and law enforcement related subjects.

We work with clients worldwide who wish to have their current standards in policing, military or private sector security tactics raised to meet UK best practice levels. Based upon a comprehensive training needs analysis, practical recommendations will be offered to enhance existing training and operational methodology.

## Where we work

Minerva NI trainers have worked throughout the world including in areas considered to be hostile, such as Iraq, Afghanistan and Libya.

## Examples of our work

The company currently delivers City & Guilds Accredited Training Packages specialising in the private security sector with the emphasis on close protection training for individuals who wish to work as close protection operatives both in a hostile and non-hostile environment.

As stated, the company has delivered police based training throughout the world including countries which may be considered as being a hostile environment such as Iraq and Afghanistan.

Minerva NI has also delivered conflict management and resolution training to the Health Service in the UK and Ireland.



# Northern Ireland SEALS



Unit C10  
Dundonald Enterprise Park  
Carrowreagh Road  
Belfast  
BT16 1QT

**Web:** [www.niseals.co.uk](http://www.niseals.co.uk)  
**Phone:** +44 (0)28 9048 7766  
**Email:** [info@niseals.co.uk](mailto:info@niseals.co.uk)

Employee numbers: 11-50

## What we do

Northern Ireland SEALS offers 24/7 security and safety consultancy and training services to employers and people seeking jobs in the public and private security industry. The company's services are deliverable on a global basis including in high risk and hostile environments and war zones. The company specialises in:

- Security Industry Authority and first person on scene (FPOS) training
- Training needs analysis and bespoke course design
- Threat assessment and crisis avoidance
- Corporate and personal protection
- Intelligence gathering and surveillance
- Security inspections, audits and performance reviews
- Counter terrorist measures
- Crime prevention and investigations
- Public order and conflict management.

## Approved Training Centre

Northern Ireland SEALS is an approved training centre with City & Guilds, Edexcel, Highfield Awarding Body for Compliance (HABC), Maybo and the Health & Safety Executive. The company is also registered with the UK Security Industry Authority to deliver training for Security Industry Authority licensing purposes and first aid including FPOS awards.

The company also provides on-site training in appropriate circumstances.

Key company strengths include:

- The experience of staff working within Northern Ireland's previous and post conflict situations at senior management and front line levels
- International experience of service delivery to various cultures

- Diversity of experience, knowledge and skills available from a coalition of Northern Ireland's security and safety professionals recruited from the police, military, private security and health care services
- Experience of delivering internal security services for members of the UK royal family, UK and foreign heads of state and government officials and individuals requiring high risk security and safety services
- The proprietor (a former Police Commander with specialist intelligence/internal security experience) is personally involved in all aspects of service delivery.

## Where we work

The company has delivered projects in the UK, Kuwait and Iraq with the capability to offer its service globally.

## Examples of our work

Northern Ireland SEALS is now providing a comprehensive range of specialist security training and operational services from the Elite Institute of Security Training Company in Kuwait. Elite is in a leading market position within the Middle East region. The services provided to Elite include specific approved UK SIA courses including first aid (FPOS Intermediate) and full administration support to students applying for UK SIA licences.

Northern Ireland SEALS also has the ability to provide 20 specialist international crime and security consultants, operators and trainers experienced in security sector reform, counter terrorist measures, civil emergencies response, community safety and commercial security operations.



# NI-CO



Landmark House  
5 Cromac Quay  
Belfast  
BT7 2JD

**Web:** [www.nico.org.uk](http://www.nico.org.uk)  
**Phone:** +44 (0)28 9034 7769  
**Email:** [mmaxwell@nico.org.uk](mailto:mmaxwell@nico.org.uk)

Employee numbers: 11 – 50

## What we do

Sharing the experiences of the Northern Ireland security sector, policing training and institutional capacity building in a range of areas:

- Human rights
- Community policing
- Organised crime
- Witness protection
- Public order
- Drug and human trafficking
- Intelligence
- Investigative techniques
- Border management
- Leadership.

NI-CO offers a specialised project management and backstopping team with over 20 years' experience in targeted project implementation, accountability, participation, consistency and transparency. With direct access to police forces and law enforcement agencies across the UK and Ireland, NI-CO offers a comprehensive technical resource of over 5,000 practitioners, which captures the specialised and unique experiences of policing within a conflict and post conflict society.

Unlike the classic consultancy model, NI-CO chooses to deploy 'practitioners' as opposed to 'consultants' who can work alongside their direct counterparts in a co-operative and mutually rewarding environment. With first-hand experience of translating theory into practice, NI-CO provides:

- Access to highly skilled police officers, barristers and security sector practitioners with a wealth of experience in the design and implementation of criminal justice reform
- Unrivalled experience in the adoption of cohesive intelligence operations involving the police, military and government
- A proactive approach to developing interagency co-operation in the fight against organised crime and terrorism

- An extensive track record of institution building and capacity building throughout the security sector
- Access to the UK's leading academic institutions and non-governmental organisations involved in conflict mediation and democratic governance
- Excellent appreciation of change management within policing and security
- The application of monitoring and evaluation techniques in the security sector.

## Where we work

NI-CO works across all regions of the world that are challenged by conflict, and post-conflict reconstruction including:

- Central and Eastern Europe
- The Middle East
- Central and SE Asia
- Africa.

## Examples of our work

### Police Assistance Mission of the European Community to Albania: EU €7.25m

The goal was to bring the Albanian State Police to EU standards through:

- Improved functioning of the police – planning and management of human, financial and technical resources
- Improved functioning of the Police Academy, and of existing IT systems
- Action plan implemented for the Integrated Border Management Strategy.

### Support to Internal Security Forces – Lebanon - UK FCO: £3.4m

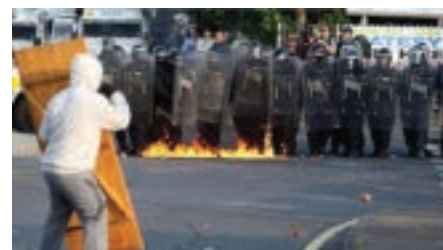
The objectives of this project were to improve the capacity of the Internal Security Forces, to develop and implement rights based strategies for policing. The results were:

- Development and implementation of Policing Strategy

- Development and implementation of Human Rights Strategy
- Development and implementation of Public Outreach Strategy.

### Support to the National Directorate of Security – Afghanistan – UK funded: £2.3m

The National Directorate of Security is the lead counter terrorist organisation in Afghanistan. To assist the NDS improve its investigations capacity, NI-CO is delivering a programme of training and institutional capacity building for senior officers in Kabul.



# NISIT (Northern Ireland Security Intelligence Training)



PO Box 137  
Ballymena  
Co. Antrim  
N. Ireland  
BT43 6WA

**Web:** [www.nisit.co.uk](http://www.nisit.co.uk)  
**Phone:** +44 (0)28 2568 5062  
**Email:** [contact@nisit.co.uk](mailto:contact@nisit.co.uk)

Employee numbers: 0-10

## What we do

NISIT is a unique organisation based in Northern Ireland, Hereford, England and Doha, Qatar. The organisation consists of personnel whose collective experience in security, risk management, policing and corporate protection exceeds over 150 years.

### Specialist Training and Advice

NISIT training specialists and advisors have extensive training experience within their respective fields including national security intelligence management, policing, military, special forces, medical and corporate backgrounds.

Amongst the principal specialists are individuals who have lived and worked in Northern Ireland for over 30 years, dedicating their skill base towards combating crime and terrorism, and also offering individual and corporate security.

NISIT takes a holistic view for each client and looks to combine current best practice along with technology ensuring that solutions for any geographic location are workable and cost effective to meet both client budget and operational needs.

### Product Design and Development

NISIT personnel have collectively over 50 years' experience in product design and development from safety and survival through to ballistic and blast protection in terms of both personal protection and protection of buildings and infrastructure.

Key personnel hold degrees ranging from honours degrees in design and development through to master's degrees in counter piracy enabling us to design solutions by understanding the operational aspects of the requirements as well as the physical ones.

### Target Customer Groups

Target sectors and customers include government bodies, military and police, as well as corporate clients around the world.

With its unique blast and ballistic protection NISIT is now targeting government embassies, national infrastructure protection and training of both police and military clients as well as corporate clients.

## Where we work

NISIT operates in many countries and has bases in Northern Ireland, Hereford, England and Doha, Qatar.

NISIT has supplied equipment and training to Saudi Arabia, Pakistan, Argentina, Yemen, UAE, Djibouti, Libya, Qatar and several other countries as well as Northern Ireland.

## Examples of our work

### Ballistic Wall

NISIT has developed a unique protective wall system which can be deployed with minimal use of large lifting equipment and can be removed and stored after threats have been reduced.

Projects currently being reviewed are for ballistic and blast protected buildings for a major oil company in Iraq, and protection of national infrastructure in Qatar and Africa.

### Blast and Ballistic Protected Buildings

NISIT has designed and developed a unique range of ballistic and blast resistant buildings and structures for the worldwide security sector.

Current projects are for ballistic and blast protected structures in Middle East, Africa and Turkey.

### Training

Dedicated to client support and mentoring, NISIT provides a range of consultancy, training and operational services from strategic capability development, through doctrine, to tactical techniques in all disciplines of counter-terrorist training.

NISIT personnel are currently operating in North Africa and Middle East on protection and training projects.





# NK Fencing



40 Trailcock Road  
Carrickfergus  
Co. Antrim  
BT38 7NU

**Web:** [www.nkfencing.com](http://www.nkfencing.com)  
**Phone:** +44 (0)28 9335 1172  
**Email:** [mail@nkfencing.com](mailto:mail@nkfencing.com)

**Group structure:** NK Holdings – NK Fencing – NK Coatings

**Employee numbers:** > 100

## What we do

NK Fencing (formed in 1980) is Ireland's leading security fencing and access control specialist. The group now employs over 180 people at its four outlets throughout Ireland, offering unparalleled service delivery based on a wide and continuously innovative product portfolio supported by experienced teams of installation engineers and specialists.

NK's fencing and gate systems are manufactured in the UK to exacting standards and as such, the group takes great pride in knowing that an NK perimeter solution is 'best in breed' in every respect.

Excellence in design is fully complemented by excellence in service delivery and project implementation. To that end, NK Fencing invests heavily in client consultation and project management, thus ensuring site installation teams deliver a perimeter security solution second to none.

NK Fencing believes that, whether applied within the industrial, commercial or recreation arenas, fencing is seen more than ever as an integral part of any new project.

NK Fencing provides a wide range of products to diverse sectors; some examples are:

- **NK Automation:** The Salvus family of products includes automated gates, safety gates, bollards, barriers, booms, ramps, blockers and turnstiles.
- **NK Security:** The Ibex family of products includes rigid mesh systems for applications ranging from perimeter demarcation through to high security perimeter installations. The Palisec family of products encompasses pale type fencing systems well suited to security applications. All security fencing ranges have associated anti-vandal options along with passive detection/monitoring systems.
- **NK Roads:** Providing a complete suite of fencing products tailored to roads and infrastructure applications. Products include pedestrian barriers, parapets, road restraint systems and acoustic barriers.

- **NK Railings:** Offers bespoke design and manufacturing capability, blending security with aesthetics. Systems include industrial railings, traditional railings and CAM designer railings. The company also offers temporary crowd control and pedestrian management systems within our Site Secure range.

NK Ibex hi-security fencing offers the highest degree of physical security within the Ibex range. A Secured by Design specification, NK Ibex hi-security is LPS 1175 compliant and is approved by crime prevention officers.

NK Fencing also offers a variety of services which include:

- Galvanizing
  - Powder coating
  - Delivery services
  - Supply and erect services
  - Specification
  - Manufacturing.
- Previous and current clients include:
- Ministry of Defence
  - Prison services and police forces
  - Local councils
  - Department for Regional Development
  - Main contractors.

## Where we work

Great Britain and Republic of Ireland

## Examples of our work

### Meath County Council

NK Fencing worked in conjunction with TAL Construction to provide bespoke vehicle and pedestrian gates for the Blackwater Park project in Navan.

### North Down Borough Council

NK Fencing manufactured and erected a series of sports fencing systems for the new state-of-the-art sports centre in Bangor (Aurora Aquatic and Leisure Complex).

### Translink

NK Fencing recently supplied and installed security fencing, Ibex Vogue fencing and Vogue Paneling at Translink's Central Station in Belfast.



# Noonan Services Group (NI) Ltd



Security House  
Lissue Industrial Estate east  
Lissue Walk  
Lisburn  
BT28 2SN

**Web:** www.noonan.co.uk  
**Phone:** +44 (0)28 9262 2211  
**Email:** lisburn@noonan.ie

**Group structure:** Noonan Services Group (NI) is part of the Noonan Group, an integrated facilities management group with over 7,000 employees.

**Employee numbers:** 100

## What we do

Delivering market leading facility solutions for your organisation.

Noonan has more than 1,700 clients throughout Ireland and the UK, for which it delivers a range of facility management solutions.

In security, Noonan is focused on securing your assets. The company is Ireland's largest security services provider.

Noonan's nationwide presence, decades of experience and unmatched resources allow it to deliver a full range of security services including:

- Security guarding
- Key holding
- Mobile patrol and response
- Electronic security systems
- Monitoring
- Crisis prevention
- Training and consultancy.

**Sector specialists:** The company's teams of dedicated, highly trained professionals deliver security solutions to all sectors of business and society. NOONAN has the capability to match any security needs.

**Electronic security solutions:** We provide fully integrated security solutions.

NOONAN uses the latest technology to provide customers with the most secure and reliable electronic security systems. Comprehensive risk management audits allow the company to design, install, maintain, monitor and integrate a cost-effective, robust security solution, specific to client needs.

Security systems include:

- Intruder alarms
- CCTV systems
- Access control

- Automatic doors
- Barrier and turnstile systems
- Heavy duty gate systems
- Lone worker protection
- Swipe cards
- Fire detection equipment and extinguishers
- Emergency lighting.

Security services include:

- Site survey and design of security solutions
- Installation and upgrade of systems
- Monitoring intruder, fire and CCTV
- Remote interactive CCTV monitoring and audio warnings
- Remote access control
- Nationwide alarm activation response fleet
- Monitoring and equipment rental.

To complement the company's security offering, NOONAN also provides cleaning services, technical services and office support.

NOONAN's dedicated sector specific service directors and service delivery teams deliver all core services to ensure a high quality service to clients.

The company is accredited to ISO 9001, ISO 14001, ISO 18001 and is recognised/accredited by all security bodies.

## Where we work

NOONAN works with clients throughout Ireland and the UK.

## Examples of our work

### Northern Ireland Electricity (NIE) - Estate Protection Services

Noonan provides:

For 10 NIE sites

- 24-hour security guarding services

- On-site CCTV monitoring
- Patrolling
- Alarm response
- Security incident reporting
- Health and safety inspections
- Searching of vehicles.

For a further 30 NIE sites

- Remote CCTV monitoring
- Mobile response and patrolling service
- Remote access control
- Identification checking.

For all NIE sites

Installation and maintenance of electronic security systems and access control technology.

### Harland & Wolff

Noonan provides:

- 24 permanent security staff
- Access control
- Reception services
- Identification card creation/monitoring
- Mobile patrol vehicles
- Health and safety inspections
- Event security.

The company does this in liaison with Belfast Harbour Police and the PSNI.

### Victoria Square

Noonan provides:

- 35 permanent security staff
- CCTV monitoring
- Patrolling
- Access control
- Additional mobile response teams.

# O'Neills Irish International Sports Company Ltd



Unit 1  
Dublin Road Industrial Estate  
Strabane  
Co Tyrone  
BT82 9EA

**Web:** www.oneills.com  
**Phone:** +44 (0)28 7188 2320  
**Email:** contracts@oneills.com

Employee numbers: 100+

## What we do

### Introduction

O'Neills Irish International Sports Company specialises in the design, manufacture and supply of sportswear including performance playing kit, training kit, leisurewear, corporate wear, sports equipment and licensed apparel/merchandise.

O'Neills has been trading for 95 years since it was founded in 1918 in Dublin, and has been operating in the UK for 38 years. O'Neills currently employs over 560 people in Ireland and the UK across several sites. Current key sports market sectors include GAA, rugby union and league, soccer, cricket, boxing, athletics, hockey, netball and handball. Other key markets include the defence sector, education sector, events sector, the corporate sector and general leisurewear.

O'Neills key strengths include quality of product, ability to personalise garments and equipment, an unrivalled local production turnaround time and an ability to fulfil large-scale orders.

### Product/Services

The O'Neills full range encompasses jerseys, shorts, socks, base layer products, fleece garments, wet gear, leisurewear, corporate wear, children's clothing, accessories and sports equipment. O'Neills signature products are the iconic O'Neills All-Ireland Gaelic Football and Sliothar.

Investment in technology has enabled O'Neills to offer a number of leading-edge design, manufacturing and finishing techniques including:

- Personalisation
- Digital sublimation printing
- Sport-specific fabrics knit in-house
- High volume sock manufacture
- Embroidery/Print
- Helmet manufacture and helmet/headwear printing.

### Infrastructure Overview

O'Neills operates from a 12-acre production facility in Strabane, Northern Ireland. This facility is further supported through a knitting, dyeing, and manufacturing facility in Dublin.

## Where we work

- Ireland
- United Kingdom
- Export globally – Europe, North America, Australasia, Middle East

## Examples of our work

### Irish Prison Service

O'Neills designed and manufactured the Irish Prison Service's sports uniform. In addition to designing and manufacturing the product, it was packed, addressed to each officer by name, staff number and prison, and delivered to each of the 14 prisons.

### G8 Summit 2013

O'Neills designed and manufactured the headwear items for the G8 Summit held in Northern Ireland, June 2013.

### Ireland London 2012 Paralympics Team

O'Neills designed and supplied the leisurewear to the Ireland London 2012 Paralympics Team.



**HINDSIGHTVR<sup>®</sup>**

Innovation Centre,  
Northern Ireland Science Park,  
Queen's Road,  
Belfast BT3 9DT  
N Ireland

**Web:** www.Hindsightvr.com  
**Phone:** +44 (0)20 8144 1076  
**Email:** info@hindsightvr.com

Employee numbers: 0-10

## What we do

HINDSIGHTVR is regarded as a leading supplier of electronic presentation of evidence (EPE) services and as a specialist consultancy in computer based forensic event reconstruction. Our case work covers a wide field from counter terrorism to serious fraud.

### EPE

We create comprehensive evidential displays which graphically portray the complex relationships and processes within evidence. We have specifically developed software tools for the display of complex material such as our bi-lingual transcript with video and audio, covert surveillance data and telecommunications patterns, and for converting raw data spreadsheets into coherent and comprehensive interactive visualisations.

### Forensic event reconstruction

Our forensic reconstructions have been used to enable past events to be analysed in depth, to support witnesses in their recall of events and determine the validity of evidence. These can be built to the most demanding detail requirements and scientifically accurate calculations in, for example, bullet trajectory paths or vehicle accident reconstruction.

### CaseStudy

Our CaseStudy training support system was originally developed for the Police Service of Northern Ireland to support investigative skills training for new detectives. It has further evolved into an open standard training platform which can fully support the delivery of scenario or case-based training. Clients can use their own course materials, making it highly flexible and adaptable. It can be customised to local language requirements. Already in use in six UK police forces and the UK Border Agency, CaseStudy was also selected by the UN/EEC supported Jakarta Centre for Law Enforcement Cooperation.

## REVIEWER and VIEWER

REVIEWER and VIEWER provide cross-platform document management and display software capable of handling thousands of documents with multi-field search capabilities. REVIEWER is designed to support lawyers in fast access and annotation of large volumes of documents for review for disclosure, while VIEWER is designed for use in the courtroom to present documents in a speedy and simple manner controlled by Counsel or a courtroom operator. REVIEWER and VIEWER are used extensively by the UK Financial Control Authority.

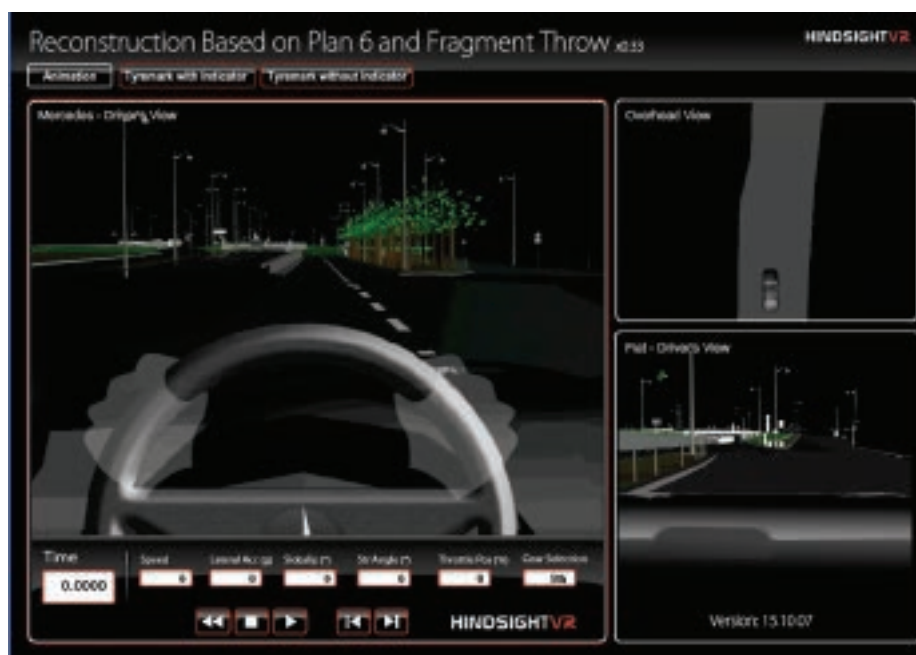
## Where we work

While we work primarily in the UK our work has taken us to Europe and the Far East and we have bases in both Belfast and Manchester.

## Examples of our work

Internationally notable cases for which we have assembled evidence presentations include:

- Operation Rhyme (The plot to explode a dirty bomb at the New York Stock Exchange)
- Operation Overt (The US 'Airline Liquid Bombs' plot)
- Operation Norbury (The plot to bomb the London Stock Exchange)
- The trial associated with the shooting of Jean Charles de Menezes
- The Inquest into the death of Diana Princess of Wales
- The retrial of those accused of the murder of Stephen Lawrence.



# Pinnacle Response Ltd



Unit 76 Enterprise House  
2-4 Balloo Avenue  
Bangor  
Co. Down  
BT19 7QT

**Web:** [www.pinnacleresponse.com](http://www.pinnacleresponse.com)  
**Phone:** +44 (0)28 9146 8979  
**Email:** [sales@pinnacleresponse.com](mailto:sales@pinnacleresponse.com)

Employee numbers: 0-10

## What we do

With vast experience in the field of law enforcement and security, Pinnacle Response is a dynamic, forward-thinking company. We provide leading-edge products, offering optimum protection to law enforcers and security personnel throughout the UK.

Pinnacle Response is the UK market leader for the supply of complete body worn video camera solutions. These compact, simple to use cameras are activated on an incident driven basis, ensuring that an accurate record of events can be captured both audibly and visually. The GMT time and date-stamped evidence can be used in a court of law whereby footage eliminates any false allegations about the behaviour of the wearer.

Pinnacle Response offers an extensive list of products and services allowing the company to provide cohesive security solutions. Products include:

- Body worn video cameras
- Police grade batons
- Handcuffs and restraints
- LED torches
- Pouches and carriage
- Training equipment.
- We also provide in-house R&D services.

Current clients include:

- Police authorities – Greater Manchester Police
- Private security companies – G4S UK Ltd
- Local authorities – Sandwell Metropolitan Borough Council
- Prison services – HMP Aylesbury
- Young offenders institutions – HMP Swinfen Hall
- Event security – The ExCeL, London
- Retail security – Iceland Foods Ltd
- Sporting venues – Arsenal FC  
@ The Emirates Stadium
- University security – University of Birmingham
- National Health Service – Blackpool, Fylde and Wyre NHS Trust.

## Where we work

The company works within the UK.

## Examples of our work

“Trials were undertaken using a number of leading manufacturers and distributors but it has to be said that head and shoulders above the others stood the VIEVU PRO 2 UK distributed by Pinnacle Response... the equipment ‘works’, the control and operation is simple and obvious, you are left in no doubt at all that when you want to record, you are recording and vice versa. The camera itself is very robust and the rubberised outer shell gives it all of the protection you should ever need... there is also a number of good quality accessories that complement the camera well and thus give the added dimension of flexibility. The support that we have received from Pinnacle has also been second to none.”

[Paul Woodfield,](#)  
CCTV Co-ordinator, Dartford Borough Council

“We’re delighted by the difference the body worn video cameras have made. As an evidence gathering tool they have surpassed our initial expectations and the results speak for themselves. The cameras take clear and accurate digital video and can provide potentially crucial evidence... It is estimated that they have contributed to around 110 police officers and 54 members of the public not having to appear at court to give evidence.”

[Chief Inspector Nick Topping,](#)  
Grampian Police

“The PRO 2 UK gets over all the traditional problems of ‘head cams’ as units are no bigger than a mobile phone and clip anywhere on the officer’s uniform – completely forgotten about until needed. They are definitely having a positive impact on anti-social behaviour.”

[Leigh Stevenson,](#)  
Head of Security, University of Kent



# Proton Data Security International



7C Derryvolgie Avenue  
Belfast BT9 6FL  
Northern Ireland

**Web:** [www.protondata.com](http://www.protondata.com)  
**Email:** [michaelwegwermer@protondata.com](mailto:michaelwegwermer@protondata.com)

**Group structure:** Proton Data Security International Ltd is the EU part of Proton Data Security based in Northern Ireland.

**Employee numbers:** 0 – 10

## What we do

We are the world leader in the design, manufacture and sales of secure data destruction devices for use on magnetic and optical media such as hard drives, tapes, discs and CDs/DVDs. Our products include Degaussers, destroyers and declassifiers.

Proton Engineering, Inc., our exclusive design company, has been in the data destruction business since 1987 and has worked closely with the US National Security Agency and Department of Defence in developing many products.

Our degausser uses patented technology to wipe hard drives in 35 seconds. It is the only degausser on the market with patented reverse polarity, making it the most powerful and effective one available. Our degaussers are built for longevity and will accommodate both current and projected hard drive coercivity and technology.

We continuously invest in research and development and are currently developing a machine to wipe SSD drives.

Our target sectors are organisations that store sensitive data, such as:

- Government and military
- Police.
- Border Forces
- Law Agencies.
- Prisons.
- Data centers
- Medical and healthcare industry
- Corporate and legal
- Banking and finance
- Electronic recycling industry
- Education and non-profit
- Credit card/ PCI

**Accreditations:**

- NSA approval
- CESG/ CTTM approval
- CE

## Where we work

We work globally and have secured sales to the Ministry of Defence in the UK, and to the US Government and Department of Defence, among others.

## Examples of our work

We have supplied the following organisations with a degausser to wipe their hard drives:

- Ministry of Defence
- Amazon Data Centre
- Homeland Security
- US Department of Defence.
- Singapore Police.
- Federal Bureau of Prisons



# Randox Testing Services



34 Diamond Road  
Crumlin  
Co. Antrim  
BT29 4QX

**Web:** [www.randoxtestingservices.com](http://www.randoxtestingservices.com)  
**Phone:** +44 (0)28 9445 1011  
**Email:** [testingservices@randox.com](mailto:testingservices@randox.com)

**Group structure:** Randox Testing Services is part of the Randox Laboratories group, a global diagnostic solutions company dedicated to revolutionising healthcare on a worldwide scale. With 30 years' experience in the diagnostic industry, Randox has developed truly innovative drugs of abuse (DoA) screening solutions.

**Employee numbers:** 11-50  
Randox Testing Services >100  
Randox Group >1000

## What we do

Randox is a world leader in drug and alcohol testing, supplying an extensive range of innovative laboratory testing options to a wide range of customers in industries such as police forensic toxicology, family law, transport, aviation, construction, manufacturing, security, facilities management and safety critical organisations.

Randox Testing Services' mission is to create added value for drug and alcohol testing by focusing on the company's laboratory expertise and its Biochip Array Technology, which allows for the simultaneous screening for many illegal, therapeutic, designer and synthetic drugs in one sample.

Randox is the leading global developer and manufacturer of multi-analyte Biochip Array Technology, now optimised for drugs of abuse testing, with the ability to test for 23 different drugs in one test from one sample. The multi-analyte capability allows the company to provide a custom biochip to suit customers' individual requirements. Randox's overseas offices operate as sample collection sites with trained collectors, thereby giving the company a worldwide collection capability.

### Workplace Drug and Alcohol Testing

Randox Testing Services offers a complete drug and alcohol testing service tailored to your organisation's workplace drug and alcohol policy. A dedicated laboratory is in place with state-of-the-art medical and forensic testing equipment, where Randox performs a wide variety of tests ranging from alcohol and commonly abused drugs to more unusual substances.

Randox Testing Services follows strict chain of custody procedures in order to protect the integrity of employee samples.

### Police Forensic Toxicology

Randox Testing Services is an approved forensic toxicology services provider on the National Forensic Framework Next Generation. The company is contracted to provide the full range of toxicology services to the police forces within the UK ensuring full continuity of samples from collection through to examination at all times.

Accredited to ISO/IEC 17025:2005 and to UKAS standard, the company is also a member of the Drugs and Alcohol Testing Industry Association and fully compliant with the guidelines set out by the European Workplace Drug Testing Society.

Randox Testing Services is an approved supplier for the National Policing Improvement Agency (NPIA) and the NHS Healthcare Purchasing Consortium (HPC).

## Where we work

Randox Laboratories has 25 international offices and distribution agreements in 145 countries worldwide. Randox is truly a global company with a collection capability in Northern Ireland, Republic of Ireland, UK and Europe.

## Examples of our work

Randox Testing Services provides a drug and alcohol testing service to one of Europe's largest airlines.

Randox Testing Services currently services 20 of the UK's 43 police forces with a forensic toxicology capability.

Randox Testing Services' trained sample collection officers provide coverage for over 60 of its customers' worldwide destinations.



# RedBay Boats Ltd



Coast Road  
Cushendall  
Co. Antrim  
BT44 0TE

**Web:** [www.redbayboats.com](http://www.redbayboats.com)  
**Phone:** +44 (0)28 2177 1331  
**Email:** [info@redbayboats.com](mailto:info@redbayboats.com)

Employee numbers: 11-50

## What we do

Redbay Boats has been building high quality boats since it was founded in 1977. From building specialised traditional wooden-clinker fishing boats, the company has developed into a leading manufacturer of fibreglass boats in the UK. Many of the team are Royal National Lifeboat Institution (RNLI) crew for the local Redbay lifeboat station; this is reflected in the experience-based build of the company's boats.

In striving to stay ahead of the market in terms of product quality, RedBay Boats began building a fibreglass sports boat a number of years ago followed by the development of a revolutionary hull design with the result being the successful Stormforce RIB (Rigid Inflatable Boat).

The Redbay Stormforce is:

- Built by boating professionals for professional users
- Individually tailored and designed to meet the exact customer requirements
- Built to exceed the regulatory requirements
- Extremely competitively priced whilst retaining all the quality expected in the commercial RIB sector.

Redbay Boats is particularly interested in developing a larger export market for its commercial Stormforce product. The Stormforce is particularly well suited to police, enforcement, patrol and rescue but can easily be adapted to work as a passenger carrying vessel if necessary.

As well as the manufacture of the Stormforce product, RedBay Boats:

- Manufactures RIBs varying in size from 6.1 metres to 11 metres
- Has in-house naval architecture facilities
- Builds all commercial craft to comply with Lloyd's Special Service craft rules
- Tests all crafts rigidly at its base on the water's edge
- Is the only manufacturer offering solid GRP bow designs on RIB boats.

The company also offers:

- Extended life cycles beyond the industry standard of 10 years
- Reduced downtime due to the robust commercial design
- Excellent residual value on pre-owned craft based on the quality reputation of the brand
- Service, repair and through-life support
- Welding and fabrication facilities
- Prototype development capabilities.

Redbay Boats craft are all MCA MGN280 approved and can achieve Bureau Veritas approvals as necessary. Redbay Boats is an ISO 9001 approved company.

## Where we work

Redbay Boats has delivered commercial craft to mainland Europe and further afield. The Stormforce 11 has been working in the Seychelles, Bermuda and St Helena as an enforcement and patrol craft.

## Examples of our work

Redbay Boats builds between 40 and 50 boats per year for a wide variety of commercial customers.

In 2011 Redbay Boats delivered a Stormforce 11 patrol craft to the National Drugs Enforcement Agency (NDEA) in the Seychelles to assist with the anti-drug enforcement and anti-piracy activities. The NDEA is currently seeking to purchase a further five craft.

Between 2007 and 2009 Redbay Boats delivered 14 craft to local police authorities within the UK. The crafts varied in size from 6.5m to 11m and were customised to the individual requirement of each force.





# RepKnight



37A Upper Dunmurry Lane  
Belfast  
BT17 OAJ

**Web:** [www.repknight.com](http://www.repknight.com)  
**Phone:** +44 (0)28 9082 6226  
**Email:** [nichola.bates@repknight.com](mailto:nichola.bates@repknight.com)

Employee numbers: 10-20

## What we do

RepKnight is a specialist in open source data monitoring, providing in real time both sentiment analysis, which determines if online data is positive or negative in tone, and geographical analysis, which is where the data originated. This allows government and commercial analysts to identify threats and emerging events, as well as provide an immediate global or local view of public opinion on key issues.

With increasing volumes of open source intelligence data, the problem of surfacing actionable insights is growing. RepKnight provides an effective, efficient and adaptable piece of technology that can deliver to intelligence analysts the data sets required in real time.

RepKnight puts the user experience at the forefront of its system. The company has found that enhanced user experience drives data discovery, putting the identification of the 'needle in the haystack' within the reach of experienced open source intelligence analysts.

The company can surface critical information and actionable insights on a regional and global basis whilst delivering beautiful data-visualisation which assists intelligence analysts to get a view at a glance. This data-visualisation also acts as a way of translating information into a quickly understood form for use by senior management.

### Intelligence

The RepKnight platform provides a unique user experience that assists analysts with the real-time data discovery and intelligence gathering required to identify risks around emerging events and facilitate market-based business decision making.

### Evidence

The company's unique visualisation of the relevant data along with its reporting capability means that analysts can provide information to senior management simply and quickly. This allows for data driven decision making both during crisis situations and when looking at longer terms trends.

## Engagement

RepKnight provides the platform for clients to engage with key stakeholders, whether to encourage participation in the evolution of their brand, facilitate public consultation, develop strong and positive community or public relations or simply to provide important information to their key stakeholders. The company is also an associate member of the Centre for Secure Information Technologies (CSIT), the UK's lead university centre for cyber security research.

## Where we work

The UK market has been RepKnight's primary target to date, however, several significant opportunities have been identified in the Middle East and the US, which offer rapid and significant growth potential. The company is, therefore, continually developing and enhancing its existing technology to include more sophisticated data harvesting and visualisation.



# RMS (Global) LLP



38 Montgomery Road  
Belfast  
BT6 9HL

**Web:** [www.rmsni.com](http://www.rmsni.com)  
**Phone:** +44 (0)28 9070 2333  
**Email:** [sales@rmsni.com](mailto:sales@rmsni.com)

## What we do

Risk Management Solutions (RMS) is number one in the Northern Ireland cash in transit (CIT) market. Through innovation the company has challenged the orthodox approach in the CIT market, and established market leadership. We believe that we are currently, by volume, the largest player in the retail CIT and cash processing market: we currently process up to £1.3 billion each year.

RMS has focused investment on the development of innovative IT systems that support full end-to-end cash management, and provide the customer with customised reporting that electronically reconciles bank accounts.

Customers can also manage their coin collection and delivery programmes online through unique RMS software – RMS CMSS. The customer can control scheduling using the online interface which allows 24-hour log-in from anywhere using a unique secure user ID and password.

Our technology, innovation and expertise are complemented by corporate values: integrity, customer focus, best service and respect.

Through this commitment to innovative technology processes and skills RMS provides the customer with a custom-made solution that streamlines their processes, reduces risk associated with cash, and reduces labour costs in the back office. This delivers real efficiencies and cost savings to customers across a range of sectors:

- Financial Institutions
- Retailing
- Hospitality
- Government.

RMS is accredited to carry out work across all of these sectors by a range of accrediting and quality bodies:

- Northern Ireland Office – under the provisions of the Justice & Security (Northern Ireland) Act 2007 to provide security services
- British Security Industry Association – Principal Member
- ISO 9001:2008 which specifies the requirements for a Quality Management System to provide a product or service that meets customer and applicable statutory and regulatory requirements

- BS7872 : 2002 Manned Security Services
- BS7858: Security Screening and Vetting
- NOCN – Approved Training Facility.

RMS is committed to continuing research and development of new solutions that reduce cost and risk for client companies. For example, the company is in the process of developing the largest independent monitoring centre from its Bank of England approved cash centre.

The company is also developing its service offering into complementary areas such as alarms, CCTV, automation and guarding.

## Where we work

RMS is based in a large headquarters in Belfast and works all over Northern Ireland.

The company is planning to develop its business into the Republic of Ireland, and will continue to look for growth opportunities outside of the Northern Ireland market.

## Examples of our work

Some of the company's customers include:

Translink – transport utility with 47 sites. RMS manages the movement of coin, cash/coin processing and reporting, and confidential paperwork.

Golf Holdings – has 110 sites. RMS completes 300 collections per week, and an end-to-end cash processing service.

Santander – RMS services 80 cash machines, focusing on ATM engineering, cash management, and count-back management.



# Search Systems



Forsyth House  
Cromac Square  
Belfast  
BT2 8LA  
United Kingdom

**Web:** [www.searchsystems.eu](http://www.searchsystems.eu)  
**Phone:** +44 (0) 28 9261 2775  
**Email:** [sales@searchsystems.eu](mailto:sales@searchsystems.eu)

Employee numbers: 0 – 10

## What we do

Search Systems provides vision where you need it most – quickly, easily and cost effectively. Rapidly deployed camera systems give search and rescue and security personnel the real-time view they need to make immediate, informed decisions.

The Directors of the company have over 20 years' experience in aerospace engineering and many years' experience of developing products for search and rescue, diving in offshore oil and gas, and other critical applications.

These include the design and production of unmanned aerial vehicles (UAVs), camera mounting systems and similar aerial equipment.

The team's understanding of the requirements for search and rescue and security has led to the design and development of the A300 Rapid Camera Deployment System.

This unique system is:

- Exceptionally cost effective – providing secure aerial video feeds with minimal training requirement
- Easy to use – facilitating rapid deployment, at a low cost
- Not limited by any requirement for licences (to own or operate).

The A300 Rapid Camera Deployment System delivers huge savings on comparable technology currently available – with considerably lower capital costs, and minimal maintenance cost.

Short training times (less than one day) also reduce time away from operational duties, and therefore minimise disruption.

The system combines gimbal technology – designed and built in-house – with market leading aerial systems and camera equipment.

The company is seeking a patent on aspects of the A300 design, which is targeted at:

- Police services, particularly those engaged in search and rescue and crowd control
- Fire and rescue services
- Military forces engaged in counter terrorism and location security
- Search and rescue support organisations such as the Coast Guard and RNLI.

## Where we work

The company has been working with UK and Ireland police forces, fire services and search and rescue support organisations.

Search Systems is seeking to engage with international clients and will be targeting markets around the world during 2014 and 2015.

## Examples of our work

### Missing persons or wide area disaster monitoring – fire or flood

The primary system is a secure live video feed deployed on an aerostat, tethered to a customised trailer unit for rapid deployment. The live feed enables search and monitoring over a wide area, a feature particularly suitable to missing persons or wide area disaster monitoring.

### Civil defence

In a civil defence role the aerostat system can be deployed over long periods of time providing real time monitoring via zoom cameras or thermal imaging.

### Mobile search and rescue

The rapid deployment capabilities and flexibility of the aerostat systems are suited to mobile operations such as attaching to rigid inflatable boats, ships, mobile ground vehicles and command units in mobile search and rescue situations.

### Static locations

In static locations the 'balloons' create a network of aerial image coverage, perfectly suited to major events such as conferences and large public gatherings such as major sporting events, where key 'choke' points of public or vehicle traffic movement can be monitored for delays or suspicious activity.



# Sentinel Training & Operations



Sentinel House  
Collin Rd  
Ballynure  
Co Antrim  
BT39 9JS

**Web:** [www.sentineltraining.com](http://www.sentineltraining.com)  
**Phone:** +44 (0)28 9334 9182  
**Email:** [Info@sentineltraining.com](mailto:Info@sentineltraining.com)

Employee numbers: 0-10

## What we do

Sentinel Training and Operations is an independent organisation that provides specialist maritime, land security and safety consultancy and has a proven track record in mitigating risk for clients in complex environments. The company has offices/direct representation in:

- Newtownabbey, Northern Ireland
- Cork, Republic of Ireland
- Liverpool, United Kingdom
- Nairobi, East Africa
- Port au Prince, Republic of Haiti.

The team comprises professional consultants from Ireland with proven track records across the Middle East, South America and Africa. The company provides:

- Close protection teams, project management and training
- Hostile environment awareness training for executives
- Maritime security training
- Custodial solutions on land and sea
- Expert witness, use of force, human rights, conflict management
- Surveillance and investigations
- Pre hospital trauma life support, first person on scene (FPOS) training.

The overall management team is quick to adapt to change and avoids unnecessary bureaucracy, which is key for its client base.

Sentinel Training and Operations is also a:

- Maritime Coastguard and Agency approved training centre
- BTEC Edexcel approved training college.

The company follows the International Code of Conduct, and the United Nations Voluntary Principles on Security and Human Rights.

Target sectors and customers include:

- Government and private clients
- Maritime sector
- Businesses operating in complex environments and developing markets.

## Where we work

Global coverage

## Examples of our work

**Maritime security and safety** – The delivery of full pre-deployment training for multiple London-based operational clients working within the high risk pirate area off Somalia, the Gulf of Aden and in the Indian Ocean.

This project placed specialised maritime security and safety consultants on board vessels and at ports. This included a full training needs analysis and delivery of bespoke development programmes to the client's staff, including security and medical solutions.

**Complex environments** – Company consultants have provided specialist discreet manpower resources in Africa, the Middle East and South America to clients including engineers and management at oil and gas companies, a telecommunications client and a logistics organisation.

Training of the host country nationals to the required standards of implementing local manpower into the teams is a speciality of Sentinel consultants. Working with the local communities to overcome adverse operating issues is key to the company's success.

**Northern Ireland** – On request of its stakeholders, the company conducted a conflict management analysis for Northern Ireland's largest arena, situated in Titanic Quarter Belfast. This included reporting to each of the stakeholders within the group and a presentation of the findings to the entire committee.



# Seven Technologies Ltd



23 Crescent Business Park  
Lisburn  
County Antrim  
Northern Ireland  
BT28 2GN

**Web:** [www.7techgroup.com](http://www.7techgroup.com)  
**Phone:** +44 (0)28 9260 5200  
**Email:** [enquiries@7techgroup.com](mailto:enquiries@7techgroup.com)

**Group structure:** Seven Technologies Group comprises of Seven Technologies, Datong and Ultrafine Technology.

**Employee numbers:** 51 – 100

## What we do

Seven Technologies Group has two major areas of specialisation:

- Covert Technical Surveillance and Tracking.
- Tactical Cyber Operations – the next generation of IP Surveillance.

Within these, Seven offers integrated electronic, mechanical and software design capabilities – to deliver 'solutions' to customers.

**Electronic:** Experienced electronic engineers within the R&D department utilise the most up to date tools in the design of electronic circuits. Seven is experienced in multi-layer board designs providing low power, wide temperature and reliable performance.

**Mechanical:** Seven's mechanical engineers are experienced in ensuring that designs are suitable for all specified test regimes. This has been achieved through the development of re-useable design features that support manufacture and the usability of the final product.

**Software:** Seven's software engineers operate in an Agile environment and work within a number of OS and embedded environments including Windows XP, Vista, 7, Mobile, Android, and Embedded.

Engineers use an array of languages and start all projects with the creation of State charts and UML type models to ensure code is designed with support and upgradeability as a priority.

### Production and Quality & Assurance:

Production is undertaken after the creation of detailed build guides. All technicians undergo thorough training in both the assembly and functioning of systems.

Overall, Seven Technologies Group delivers an affordable, highly capable end to end engineering capability based on actual experience which results in the highest levels of Customer satisfaction.

The company delivers solutions across all geographical environments, whatever the climate, whatever network bearer systems are available - totally focussed on user needs.

Due to the fast moving nature of the business, in which Seven Technologies Group is a key player, the company prides itself on being extremely flexible, and structured to be able to adapt to the swift changes in the marketplace. The Company doesn't tie itself to particular technologies or technology providers; this enables users to take advantage of the best available at the time required

Not only does Seven Technologies Group develop and deliver equipment to customers, the company also supports client's training needs: Highly qualified and experienced instructors deliver training tailored to the requirements of each individual customer.

## Where we work

Seven Technologies Group covers the globe in terms of both work undertaken and work that is currently being pursued. With a recently opened office in the USA Seven is aiming to become a major player within the US Security sector.

Seven also provide equipment and systems to many customers in the UK and Europe.

## Examples of our work

A tactical cyber capture system capable of either mobile or static deployment in extreme conditions. £1M+

A Tactical Satellite Video bearer System based upon a Thuraya and Iridium satellite low bandwidth video and triggering system. £3M+.

A rapidly deployable network architecture to provide coverage for RF tracking devices. £5M+



### Rugged Computer

The rugged PC is a robust, flexible and OS agnostic hardware platform designed for unattended operation in harsh environmental conditions. The PC runs an Atom N270 1.6GHz processor in extreme temperatures from -40oC to +85oC. The system also supports a UPS to enable stately shutdown if loss of main operating power occurs.



# Sinai Training Solutions Ltd



15 Cairnshill Park  
Newtownbreda  
Belfast BT8 6RG

**Web:** www.sinaitraining.com  
**Phone:** +44 (0)28 9070 4448  
**Mobile:** +44 (0) 7720 721986  
**Email:** info@sinaitraining.com

**Employee numbers:** 0-10  
3 x full time support staff  
5 x specialist associates

## What we do

### Introduction

Sinai Training Solutions (STS) Ltd offers a targeted and individually tailored consultancy, audit and training service that leads to efficient processes and management practice.

Each member of the STS team draws on their extensive experience in the delivery of sustainable and resilient solutions which stand the test of time.

### Benefits of Engaging STS

The following benefits have been identified by STS clients:

- Peace of mind
- Professional approach
- Cost-effective solutions
- Sustainable outcomes
- Culturally relevant consultants.

### Company Aim and Mission Statement

The company aim is 'Shaping Tomorrow' by partnering with clients on their journey toward organisational success and a safe, sustainable future.

STS will provide exemplary organisational, business and individual development services that drive sustainable development, resource effectiveness, business resilience and an enhanced return on investment.

### Key Service Provision Areas

- **Business continuity:** Preparing organisations for the impact of exceptional situations such as the loss of facilities, supply chain, or support systems.
- **Organisational resilience:** The ability of leaders and managers in times of unexpected emergency, or protracted illness, to downsize to effectively perform their main roles in a way that sustains output effectiveness.

- **Organisational culture:** The development of organisational cultures that are open, supportive and encourage high levels of stakeholder ownership, focusing on 'what is right or wrong' rather than 'who is right or wrong'.
- **Data Protection Act compliance:** The design and implementation of compliant policies, procedures and protocols that preclude Information Commissioner's Office (ICO) investigations, which bring adverse press and media comment.
- **Information dependency:** The implementation of processes that capture and make best use of information in order to facilitate business forecasting, decision making, effective information security and management of resources.
- **Leadership and management:** The design and implementation of future proofed leadership, management and administrative skills that can be simply and easily expanded to facilitate sustainable development. There is an option to participate in Institute of Leadership and Management (ILM) or Chartered Management Institute (CMI) programmes at various levels.

## Where we work

STS consultants are currently servicing contracts for private and public clients in Northern Ireland, Kuwait, Bahrain and are awaiting confirmation of contracts in Oman.

## Examples of our work

### Kuwait, Ministry of the Interior

Provision of leadership and management skills for senior managers. STS is a registered ILM Centre for the delivery of their highly respected programmes and is combining that with CMI programmes to enhance the skill levels of supervisors, middle managers, and strategic leaders.

### Data Compliance Audit and Process Development

STS is currently delivering these services for one of Northern Ireland's leading building firms. The audit is designed to identify any gaps in compliance levels, identify the likelihood and impact of compliance failure, and to develop and implement suitable sustainable solutions.

### Cross Border Body

STS is currently engaged in the delivery of audit, process and staff development services relating to Data Protection compliance. In addition STS has developed Data Protection Act related information sharing agreements between the client and statutory agencies.



Leadership training, Kuwait

# Sur-Tech



**Web:** [www.sur-tech.co.uk](http://www.sur-tech.co.uk)  
**Phone:** + 44 (0)28 4483 1408  
**Mobile:** + 44 (0) 7955 153263  
**Email:** [david@sur-tech.co.uk](mailto:david@sur-tech.co.uk)

Employee numbers: 0-10

## What we do

Sur-Tech is a leading, accredited provider of technical surveillance counter-measures (TSCM). The company also offers specialist covert surveillance and electronic surveillance services. In addition to this it can also offer various security based training courses for companies and their staff, such as technical security awareness (information security) or personal security enhancement. Bespoke courses are often provided based upon the client's criteria.

Sur-Tech is highly committed to providing excellent service delivery, being flexible to client requirements, and yet assuring integrity and confidentiality. Services include:

- TSCM (electronic sweep)
- High level surveillance
- Counter surveillance
- Covert security (events, conferences etc.)
- Tracking (asset tracking or vehicle tracking)
- Security penetration testing
- Training.

Sur-Tech's staff are all experienced security experts with well over 80 years' combined experience in the security industry. All staff are qualified in certain fields of expertise and hold BTEC qualifications in TSCM, covert CCTV, level 1 surveillance and level 1 security management.

With such highly trained personnel, who are accredited in many aspects and skills, Sur-Tech can offer clients a range of services that are not readily available within the commercial market.

Sur-Tech offers consultancy to its clients regarding sensitive security issues.

## Equipment

Sur-Tech can also supply many different types of high quality covert equipment. Some readily available products are:

- GSM scanners
- Blackberry and mobile phone security applications
- Tracking devices and solutions.

## Previous and current clients include:

- Police forces
- Serious Organised Crime Agency (SOCA)
- Banks and financial institutions
- Pharmaceuticals firms
- Members of the royal family.

## Where we work

Sur-Tech has undertaken work and conducted operations both in Northern Ireland and the Republic of Ireland, England, Scotland and more recently the Middle East.

## Examples of our work

Recently Sur-Tech provided consultancy with regard to a highly publicised wedding of the aristocracy. This also included monitoring the crowds and providing covert security and also ensuring the church and reception areas were free from any covert listening or video devices perhaps placed by the paparazzi.

Sur-Tech personnel travelled to Kuwait and Qatar to provide advice, consultancy and training in relation to security of both premises and high net worth individuals.

The company provides ongoing contractual TSCM services to several high street banks, corporations and financial institutions, both in Ireland and the UK. Sur-Tech also works closely with some risk management companies providing a cutting-edge service they cannot offer to their clients.



# Sword Security (NI) Ltd



68 Donegall Pass  
Belfast  
Co. Antrim  
BT7 1BU

**Web:** [www.sword-security.co.uk](http://www.sword-security.co.uk)  
**Phone:** +44 (0)28 9050 3040  
**Email:** [info@sword-security.co.uk](mailto:info@sword-security.co.uk)

Employee numbers: > 100

## What we do

Sword Security (NI) Ltd was established in 1999 and has since become one of the top security organisations operating in Northern Ireland. It has an operational staff of over 300 officers.

Manned guarding services remain at the heart of Sword Security's business. Each contract is fully tailored to the client's and site's specific needs, and it is acknowledged that whilst the security objectives across many contracts may be the same, the actual day-to-day service delivery will differ from site to site.

Sword Security's sector portfolio includes:

- Port facilities
- Office blocks
- Shopping centres and retail parks
- Professional institutions
- Government agencies
- Local councils
- Universities
- Production facilities
- Warehousing and logistics.

The company's service methodology is to establish a close and open working relationship with clients and to offer guaranteed assurance 24 hours a day, seven days a week, 365 days a year.

Sword Security recognises that it is paramount to deliver value for money, tailored security solutions through hands-on, flexible, yet robust contract management.

Staff skills and training to cope with the wide variety of situations that could arise, as well as personal commitment, discipline and the attitude to 'go the extra mile' and to provide a successful and flexible service in the delivery of a professional bespoke security solution, are key to Sword Security's overall offering.

## Where we work

Northern Ireland

## Examples of our work

### Queen's University Belfast (QUB)

Sword Security provides the following security services at QUB:

- Provision of manned guarding services across the university campus
- 24-hour control room duties, including the monitoring and management of the university CCTV system
- Mobile patrols
- Provision of mobile incident reaction teams
- Wheel clamping
- VIP, special event and conference security including the Queen's Festival
- Partnering with QUB student liaison officers.

### Isaac Agnew Group

- Isaac Agnew is one of the UK's top 25 franchised dealers.
- Sword Security provides manned security services at all Isaac Agnew dealership locations across Belfast and Portadown including:

- An access and lockdown service delivered six days per week
- 24-hour manned security of the Agnew Group vehicle compound
- The safekeeping and site control of the multi-million pound Agnew Group stock
- Keyholding/alarm response service to all Isaac Agnew locations.

### Rushmere Shopping Centre

Rushmere Shopping Centre is one of the largest retail schemes in Northern Ireland. The centre is one of the main shopping outlets in the west of the region and also attracts substantial cross-border trade.

Sword Security commenced services at Rushmere Shopping Centre in April 2010 when awarded the manned security for the shopping mall, retail park and 24-hour control room.

Over time and through a partnership approach with the centre management, the company's role developed and Sword Security were asked to undertake the further role of customer service agents in the mall.



Manned Security Services





# Texthelp Ltd



Lucas Exchange  
1 Orchard Way  
Greystone Road  
Antrim  
BT41 2RU

**Web:** [www.texthelp.com](http://www.texthelp.com)  
**Phone:** +44 (0)28 9442 8105  
**Email:** [corporate@texthelp.com](mailto:corporate@texthelp.com)

## What we do

Our company mission is: To change lives

At Texthelp, we are committed to the provision of high quality software that changes the lives of all our customers. Through our technical excellence and market knowledge, we have become market leaders in our industry. We remain passionate about getting great technology into the hands of those who need it.

Our range of products helps people to read and write and includes:

- Read&Write – Assists individuals with low literacy skills, dyslexia and English as a second language. Read&Write assists with reading, writing, study and research
- Fluency tutor – helps young and struggling readers to develop oral fluency and improve comprehension
- BrowseAloud – speech enabled websites, making content accessible to those with reading difficulties
- English Hero – provides reading and writing support for those learning English
- Lexiflow– converts pdfs into talking ebooks
- Speech Stream – embeds literacy support features in HTML or Flash content

Our accreditations include Investors in People; ISO 9001:2010; Microsoft GOLD Certified Partner; Inclusive Employers member; BATA Founder member; NAACE member; BESA member.

Our customers range from a student with dyslexia or a struggling reader, to whole organisations such as schools, universities, corporate organisations or public organisations. Texthelp's software enables pupils to develop their reading, students to achieve qualifications and employees to operate effectively in the workplace. We help to develop literacy skills and attainment but above all, to build confidence and self-esteem in our users.

## Where we work

We operate globally to support individuals who struggle to read and write and are learning English.

## Some examples

### Foreign and Commonwealth Office (FCO)

The FCO has licensed our Read&Write software for all its PCs and laptops worldwide. This is to support staff with literacy difficulties, low skills, dyslexia, and those for whom English is a second language, creating a diverse, equal and accessible workplace.

### CEA (China Education Alliance)

We have developed a partnership with the third largest English education provider in China to use our technology as part of the curriculum and for support in assessments.

### BECTA (British Educational Communications and Technology Agency)

Becta strategic objectives are “to Influence strategic direction and development of national education policy to best take advantage of technology” and “to develop a national digital infrastructure and resources strategy leading to greater national coherence.” Becta awarded certain vendors placement on approved purchasing frameworks. Texthelp was an appointed vendor, exclusive in our product type.




**Read  
& Write**  
Gold

## THALES

Alanbrooke Road  
Belfast  
BT6 9HB

**Web:** [www.thalesgroup.com/uk](http://www.thalesgroup.com/uk)  
**Phone:** +44 (0)28 9046 5200  
**Email:** [ricky.adair@uk.thalesgroup.com](mailto:ricky.adair@uk.thalesgroup.com)

**Group structure:** Thales serves the defence, security, space, aerospace and ground transportation markets. With operations in 56 countries and 67,000 employees around the world Thales helps customers to decide and act in a timely fashion to obtain the best outcomes. This understanding of the critical decision chain underpins Thales' innovation and technological developments in areas such as large scale software driven systems, secure communications, sensors (radar, sonar, optical), supervision, on-board electronics, satellites and systems integration.

**Employee numbers:** 480

## What we do

Thales in Belfast is the leader for short range weapon systems in the UK and, within the Thales Group, is the centre of excellence for missile design, development and manufacturing. Operating from the headquarters in Belfast, with around 480 personnel, activities are broad ranging and serve to meet the requirements of customers seeking design, manufacture, assembly and test of complete integrated systems, products or components.

Today STARStreak represents the nucleus of our business operations – a revolutionary very short range air defence system that pushes the boundaries of missile design to their limits with devastating capabilities in the ground to air role. This product is currently in service with the British Army and likely to remain at the forefront of its air defence capability until at least 2025.

For more than 40 years, Thales has been developing and manufacturing best-in-class air defence systems for customers worldwide. A world leader for over 50 years in the design and manufacture of high precision air defence missiles and fire control systems, Thales in Belfast has established a heritage of industry hallmarks such as Seacat, Tigercat, Blowpipe, Javelin and Starburst. The company's current STAR missiles, VT1 and STARStreak are the fastest short range and very short range air defence missiles in the world today, recognising the key time critical requirement of short range air defence.

In recent years, however, Thales' activities have extended beyond the air defence domain with increasing emphasis on surface attack capabilities and multi-role weapon system design, manufacture and integration. Thales aims to develop a recognised centre of excellence in weapon systems integration and through life support for tactical platforms such as vehicles and unmanned aerial vehicles (UAVs), thereby growing our business significantly in the future.

## Where we work

The company operates globally with headquarters in Belfast and additional facilities in Crossgar and Thorney Island.



# Traffic Observation via Management (TOM) Ltd



By Traffic Observation via Management Limited (TOM Ltd.)

ECIT Building  
Northern Ireland Science Park  
Queen's Road  
Queen's Island  
Belfast, BT3 9DT

**Web:** [www.tomltd.co.uk](http://www.tomltd.co.uk)  
**Phone:** +44 (0)28 9045 6039  
+44 (0)28 9097 4248  
**Mobile:** +44 (0) 7710 01 4310  
**Email:** [alan@tomltd.co.uk](mailto:alan@tomltd.co.uk)

Employee numbers: 0-10

## What we do

Traffic Observation & Management (TOM) Ltd is an award-winning spin-out company that originated from the Queen's University Belfast. This high-tech company is part of the Institute of Electronics, Communications and Information Technology (ECIT), a world-class technology centre focused on cutting-edge commercial research projects.

TOM provides state-of-the-art wireless intrusion detection and prevention systems (WIDS and WIPS) for 802.11 networks with particular focus on the payment card industry and open access markets. It also provides penetration testing and security consulting services and is currently involved with the EU EDISON project.

Through the implementation of innovative technology, the SpriteGuardTM range of detection and prevention solutions makes wireless networks more robust and resilient against malicious attacks. This technology enables wireless attack detection, wireless attack mitigation and real-time alerts and reports. The SpriteGuardTM solution also provides detailed status reports for every link in the wireless network, which enables network administrators to rapidly identify the cause and

effect of attacks in the network. This feature also addresses the increased need for regulatory reporting.

SpriteGuardTM is the Wi-Fi security solution that prevents hacker attacks and guarantees PCI-DSS compliance for wireless point of sale terminals. Unlike other security technology currently available, SpriteGuardTM drills down to the lowest point at which embedded security can operate. It monitors user air space, and detects and blocks malicious attacks against user networks.

Target sectors and customers include:

- Wi-Fi service providers
- Wi-Fi equipment vendors
- Network security
- Embedded wireless devices
- Payments Industry
- Buildings management systems.

## Where we work

TOM operates primarily in the UK and Ireland although it has partners in China, Malaysia, New Zealand and the United States of America.

## Examples of our work

SpriteGuardTM is a next generation network security technology designed to perform cross-layer Wi-Fi attack prevention against a suite of hacker attacks that are frequently used as springboard for more sophisticated attacks, such as denial-of-service, man-in-the-middle, rogue access point.

SpriteGuardTM technology is also implemented in the company's Wi-Fi PCI-DSS compliance solution.

Wi-Fi-enabled PCI devices provide merchants with flexibility and cost savings.

SpriteGuardTM scans for unauthorised devices attached to the card data networks (CDE) as the PCI-DSS compliance requires.

The security of the system is managed by the cloud-based SpriteGuard Management Console which produces reports for PCI-DSS compliance and allows merchants to self-audit, producing additional monthly savings.

TOM has also developed a novel smart LED lighting management technology through involvement with the EU EDISON project. This system can securely co-ordinate and administrate the lighting needs of a large building and help a business reach its reduction in waste and green initiative targets.

Traffic Observation & Management Ltd.

NEXT GENERATION WIRELESS SECURITY



# Trident Global Security Solutions (NI) Ltd



28 BlackBridge Road  
Poyntzpass  
Newry  
Co. Down  
BT35 6QN

**Web:** [www.tridentgss.com/en/](http://www.tridentgss.com/en/)  
**Phone:** +44 (0) 7502 148420  
**Email:** [info@tridentgss.com](mailto:info@tridentgss.com)

Employee numbers: 0-10

## What we do

Trident Global Security Solutions (Trident GSS) specialises in providing close protection, security training and policing solutions to individuals, organisations and police services worldwide. The company's training team consists of former UK police trainers who each have enhanced training and operational experience in specialist areas (counter terrorism and serious crime, CBRN, close protection, specialist firearms training, human rights, beat and patrol officer conflict management training, and maritime and harbour policing).

The company has extensive experience in providing security risk management solutions and executive protection to high profile individuals and their families from within the worlds of royalty, politics, sport, governments, business, Hollywood film industry and law.

Trident GSS offers a wide range of services to both public and private sector organisations across the globe. A few examples include:

- Intelligence and investigations
- Policing solutions
- Protective security management
- Security and risk management
- Residential security
- Private function security
- Film and television security and logistics.

The company is also accredited by Buckinghamshire New University, Global Air Training and the Security Industry Authority (SIA) to deliver a wide range of training courses for the security industry. Trident GSS trainers will travel to any location to meet the needs of their clients and each holds an operational and educational background of the highest level, enabling them to deliver a highly professional service.

Trident GSS also offers courses designed for individuals and non governmental organisations travelling and working in hostile environments. For example, our Security Awareness Training course provides the necessary knowledge to implement and maintain a higher level of personal and organisational security awareness. The course can be tailored to suit individual or organisational requirements and budget.

Additionally Trident GSS's operatives have experience in supporting victims of violent crime, by providing security solutions and protective support to the individual and their families while they re-establish their lives.

## Where we work

Worldwide

## Examples of our work

Trident GSS operational teams have considerable experience from working in governmental protection and specialist forces agencies.

Trident GSS senior operatives have retained the continued confidence of British Government ministers, including former prime ministers, serving and former presidents of the United States, royalty including HRH the Queen, members of the Northern Ireland Judiciary, the Lord Chief Justice and high profile representatives of foreign states.

In the commercial sector Trident GSS has worked with top executives from the business world as well as A-list celebrities from the Hollywood film industry. Trident GSS has also supplied operational kit to police.



# University of Ulster



The Office of Innovation  
University of Ulster  
Room 26a20, Shore Road  
Newtownabbey  
Co Antrim BT37 0QB

**Web:** [www.ulster.ac.uk](http://www.ulster.ac.uk)  
**Phone:** +44 (0) 28 9036 6703  
**Email:** [s.nelson@ulster.ac.uk](mailto:s.nelson@ulster.ac.uk)

**Group structure:** University.

**Employee numbers:** 3000+

## What we do

ISRC and FireSert are major research units within the Faculty of Computing and Engineering and the School of the Built Environment, Art and Design in the University of Ulster.

The activities of the ISRC Centre are focused on research into computational intelligence and the emulation of brain signal processing. We work on perception, reasoning, cognitive robotics, brain-computer interfacing, intelligent embedded systems, intelligent wireless sensor networks, intelligence in serious computer games, self-repairing hardware and software, and intelligent multimedia.

FireSert is the Institute for Fire Safety Engineering Research and Technology at the University of Ulster. The Institute's research is focused on fire dynamics and materials, structural fire engineering, human behaviour in fire and fire protection. There is a particular focus on the behaviour of new and innovative materials and building components.

## Where we work

We work globally.

## Examples of our work

### Fire Blast Protection System (FBPS)

Can be used in concrete panel design, stand-alone (load-bearing) high performance walls, and modular military construction in high threat environments. The patented FBPS technology developed at the FireSERT laboratory is a novel redesign of the skeletal structure within a standard low-cost concrete panel, resulting in complete elimination of explosive spalling effects under fire and exponentially greater levels of ductility required for extreme blast resistance.

FBPS represents a low cost, easy-to-construct, next generation materials technology for highly effective mitigation of fire and blast risks. The technology can be used across a range of infrastructure projects including: military and defence, oil and gas services, the extractive industries, nuclear reactor construction, and the development of state-of-the-art civil bridges, tunnels and skyscrapers.

Unlike competitors, FBPS is significantly stronger and does not lose its structural integrity in fire. For example, during indicative laboratory testing at FireSERT, FBPS panel prototypes of 2.5cm thickness (containing 16% moisture in weight) exhibited zero explosive spalling under temperatures ranging up to 1100 °C, and significantly greater strength performance than nearest competitors under simulated blast loads equivalent to 300-400kg of TNT at 30-40m standoff (thereby exceeding US Department of Defence blast criteria).

### IdentiGait: Biometric Surveillance Solution based on Gait Identification

IdentiGait is a new individual gait recognition technology for surveillance video (e.g. CCTV) developed at Ulster's ISRC. It is based on feature extraction from image sequences which collectively capture gait. The technology has been demonstrated using the CASIA-B gait database and associated journal and conference papers. Preliminary findings have shown our IdentiGait system performs remote gait biometric person identification in video CCTV surveillance even while humans are wearing different clothing or are carrying unknown objects.

### Hidinimage

Steganography enables the hiding of messages in an appropriate carrier such as an image. Such images can be sent to someone without anyone knowing that the message exists within the image; indeed concealing the existence of the hidden information is a key goal of the technology.

Following up to a decade of research and investment, the technology underlying Hidinimage is now sufficiently developed to be ready to move into commercialisation, with a view to quickly taking it to market. It is unique in a number of ways:

- Its ability to guarantee an image's unaltered state
- Its ability to demonstrate unambiguous ownership
- Its ability to hide information with no means of retrieving it without a key
- The efficiency of its algorithm in terms of processing speed
- The image is double encrypted ensuring its integrity
- The technology provides better performance across a wider diversity of image types
- The Hidinimage technology has a wide range of application in security. Immediate examples include authentication of identity and providing assistance in fraud prevention by means of providing an additional authentication step in establishing the provenance of documents and images.



# Viewbrite Europe Ltd



44-46 City Business Park  
Dunmurry  
Belfast  
BT17 9GX

**Web:** [www.viewbrite.co.uk](http://www.viewbrite.co.uk)  
**Phone:** +44 (0)28 9061 8224  
**Email:** [Kara.mccullough@viewbrite.co.uk](mailto:Kara.mccullough@viewbrite.co.uk)

Employee numbers: 0-10

## What we do

Founded in 2012, Viewbrite Europe Ltd is supported by the management team of its sister Belfast-based company, Star Instruments Ltd.

The company has its own dedicated workforce that are totally focused on researching and developing each of its safety products to make sure that they are best suited to their European customers' requirements in both the public and private sectors, and that the finished products conform to EU regulations and legislation.

### The Euro Pro Series Collapsible Traffic Cone

Viewbrite Europe is the only company in the UK currently selling the new, innovative Euro Pro Series Collapsible Traffic Cone. The company's US supplier has over 30 years' experience in selling safety products with over one million products sold since 2001. The key product features and benefits include:

- Extremely easy to deploy and collapse
- Durable with a heavyweight base made from recycled rubber
- Lightweight and portable with carry bags available.

When collapsed the cones are almost flat measuring just 37cm x 37cm x 6.5cm, saving much needed space in the back of all types of vehicles. There is room for over 20 cones in a medium sized car. Space is also saved in storage facilities where the cones can be stacked when flat.

The cones are cost effective as they bend on impact rather than breaking, causing less damage to the cone and the impacted vehicle.

The cone's highly reflective band complies with European Standard EN471:2003 as well as Traffic Signs (Temporary Obstructions) Regulations 1999 - For Road Traffic & Vehicle.

Ultimately the innovative cone product can be used for:

- Emergency use by first responders
- Traffic management and redirection
- Warning of dangers
- Vehicle breakdowns
- Parking hazards
- Temporary work areas
- Trip hazards
- To mark off safe play areas
- To limit access to an area
- Mark out areas closed to pedestrians
- Closed or blocked-off areas indoors (toilets).

## Where we work

Currently focused in Northern Ireland with intentions to expand into the rest of UK and Ireland and across Europe.

## Examples of our work

Viewbrite is currently working closely with the Police Service of Northern Ireland. The organisation has highlighted the urgent need to replace rigid cones in their vehicles. With both large and small cones being evaluated at present, the feedback to date has been extremely positive and the organisation is impressed with the overall quality of the product.

Viewbrite is also currently developing an innovative lighting system to accompany the cones. The combined system will allow Viewbrite to offer a complete emergency response system to police forces in the UK and Ireland.



# ViS Security Solutions Ltd



Windsor Business Park  
16-18 Lower Windsor Ave  
Belfast  
BT9 7DW

**Web:** [www.vis-security.com](http://www.vis-security.com)  
**Phone:** +44 (0)28 9066 3919  
**Email:** [Michael@vis-security.com](mailto:Michael@vis-security.com)

Employee numbers: 11 – 50

## What we do

### Multi-disciplined, scalable, collaborative solutions

ViS Security Solutions is Ireland's leading multi-disciplined security solutions provider. The company has developed a range of technologies and skills that enable it to offer end-to-end solutions for clients in the public and private sectors: government, healthcare, corporate, education, hospitality and retail.

The product portfolio includes the design, installation, commissioning, project management and maintenance of:

- Intrusion and perimeter detection
- Video surveillance (CCTV)
- Access control
- Fire detection
- Voice and public address systems
- Data centre security and protection
- Nurse and warden call systems
- Building management systems.

ViS Security Solutions also specialises in physical security information management (PSIM) applications, and to this end, it is an accredited Proximex Systems Integrator.

All systems are covered by maintenance and support packages, which are tailored to suit individual customer requirements.

ViS Security Solutions has a dedicated IP department which designs and develops network based security solutions. The company is the market leader in collaborative IP solution design and installation, is PSA licensed and is a Cisco Advanced Technology Partner for Physical Security Solutions.

Proximex and Cisco are just two of the company's strategic partnerships. As the company has expanded, so has its recognition by leading security technology manufacturers, and as a result ViS Security Solutions is Ireland's only Panasonic Premier Integrator. It has also achieved recognition from Hirsch, Inner Range, Delta Controls and Excel.

In fact, the company has achieved multiple certifications, accreditations and awards from leading security technology manufacturers, and from regulatory bodies.

For example, it has been awarded NSI Gold accreditation in all three disciplines, ISO Quality Management 9001, 14001 and 18001. Hence, ViS Security Solutions has all of the accreditations and recognitions that are expected in the security industry – indeed more.

In achieving these accreditations and manufacturers' recognitions, ViS Security Solutions has committed its highly qualified engineering team to extensive training (provided by manufacturers) giving customers the peace of mind that design, installation, and maintenance of systems are all conducted in line with manufacturers' guidelines and warranty schemes.

## Where we work

ViS Security Solutions has offices in Belfast, Londonderry and Dublin – providing coverage of the island of Ireland.

The company is working on the development of international business, and has completed recent jobs in Morocco, Gibraltar, and Pakistan.

## Examples of our work

ViS Security Solutions has recently installed an Integrated Cisco Security Solution, valued at £1.6m, as part of the redevelopment of the Mater Hospital, Dublin.

ViS Security Solutions recently installed Cisco UCS (Unified Computing System) technology at Dublin Airport Authority valued at £100,000.

ViS Security Solutions is the first security company in Europe to install this technology in a security application.

ViS Security Solutions has secured a contract with Queen's University Belfast for the design and maintenance of security systems, plus emergency call out provision covering 400 buildings.



# Windell Ltd



108–114 Moneymore Road  
Magherafelt  
Co Londonderry  
BT45 6HJ

**Web:** [www.windell.co.uk](http://www.windell.co.uk)  
**Phone:** +44 (0) 28 7963 1631  
**Email:** [info@windell.co.uk](mailto:info@windell.co.uk)

**Group structure:** Windell is part of the Henry Group – a Northern Ireland construction products group specialising in the security sector, with a consolidated turnover in excess of £100 million per annum.

**Employee numbers:** 11 - 50

## What we do

Windell is a leading manufacturer of high security glazing systems.

The company's services include design, development, manufacture, supply and installation of:

- Blast resistant curtain wall systems – for high rise
- Ballistic resistant curtain wall systems
- Blast and ballistic resistant low rise glazing systems
- Blast and ballistic resistant door sets – single and double
- Blast resistant open-able windows
- Sliding windows – suitable for guard houses and observation posts
- Blast resistant rick panels
- Physical attack doors for high security applications where tools will be used to attack the door.

Windell also provides modular, blast resistant buildings, accommodation blocks, border control posts and high security military installations.

- **Trust:** Having worked in a hostile environment for over 20 years, Windell has developed a culture of client confidentiality – so customers can rely on company integrity.
- **Experience:** Windell has completed many prestigious projects throughout the world, from private VIP residences to full glazed facades for corporate and government buildings.
- **Strength:** Windell has completed extensive testing throughout the product range, to provide glazing solutions that are robust and aesthetically pleasing.
- **Safety:** By installing Windell glazing products clients have the reassurance of providing a safe working environment.

**Windell design:** The company has an in-house design team capable of taking a project from concept stage to completion. By using state-of-the-art equipment and experienced personnel, projects are designed and detailed to meet the client's expectations.

Each project has a lead designer appointed to coordinate and oversee the design and detailing, giving the client/architect a single point of contact.

Operating systems used by the design team include AutoCAD 2010, StruCAD and Logical.

Windell has a fully automated CNC controlled manufacturing process, operated by trained personnel. Within the organisation all types of manufacturing can be accommodated including:

- Aluminium fabrication and welding
- Glass assembly
- Structural and decorative steelwork
- Panels, flashings, sills and trims.

Windell has the capability to perform a multi-disciplined role in the supply chain, to accommodate the requirements of the lead contractor/client on site.

The company offers a full maintenance service for all products ranging from six-monthly maintenance checks to accidental damage repairs.

Windell works for:

- Foreign & Commonwealth Offices
- Embassies
- The Department for International Development (DFID)
- Police departments
- Main contractors – working on projects where security is a priority

The company is fully accredited to ISO 9001 and all personnel are security vetted and carry CSCS accreditation.

## Where we work

Windell has a fully trained, multi-disciplined team, capable of installing projects worldwide. Projects have been successfully completed in Great Britain, Ireland, Indonesia, Bangladesh, Sudan and the United States of America.

The company is capable of servicing client demand in any global market.













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Bedford Square  
Bedford Street  
Belfast BT2 7ES  
**T:** 028 9069 8000  
**F:** 028 9043 6536  
Textphone: 028 9069 8585  
[www.investni.com](http://www.investni.com)  
[www.nibusinessinfo.co.uk](http://www.nibusinessinfo.co.uk)  
[www.investni.com/security\\_specialists\\_brochure.pdf](http://www.investni.com/security_specialists_brochure.pdf)

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