



# COUNTER TERROR EXPO

25 - 26 April 2012

Olympia London

[www.counterterrorexp.com](http://www.counterterrorexp.com)

## Event Press Pack -2012-

**Abloy UK**

**Stand: G140**

### **ABLOY COMBINES MECHANICAL SECURITY WITH ACCESS CONTROL CAPABILITY IN CLIQ REMOTE**

Abloy UK has launched the Cliq Remote, which is based on a patented electromechanical locking solution and developed to make key management easier in larger and wide area masterkeying systems.

Suitable for larger master key suites or remote sites, Cliq Remote allows users the commissioning, programming and full administration of security management via user-friendly web based software.

Cliq Remote operates from a key receiving access rights and/or time validations through a wall programming unit or a personal programming unit connected to a mobile phone that can transfer schedules and authorisations for user keys.

Cliq Remote offers a cost-effective extension to existing systems while providing for centralised administration, key management automation and an automated audit trail, with timely reporting on systems statistics.

And due to the use of individually programmable cylinders and keys, Cliq Remote enables complete electronic security management and control, even to grant variable access rights for personnel visiting remote, secure locations.

Says Barry Jenkins, Abloy UK General Sales Manager Market Development:

“Cliq Remote offers previously unattainable functionality for remote access control. Not only is it easy to install and to use, but also keys can be managed remotely across multiple sites for timed access and keys that get lost can easily have their access rights removed without changing cylinders. Con/t...

2/...

“These advantages, together with detailed audit trails and updates available, means there is then less need for person to person contacts for key updates, less administration and less need for software installations. Cliq Remote really does offer the ultimate synergy between the reliability of mechanical keys and cylinders and some of the benefits of access control.”

The software allows additional data to be written to the keys to mostly remove the need to visit each lock individually and upload audit trails automatically.

CLIQ technology is based on highly miniaturised data encryption electronics, which are embedded directly inside the key and the cylinder. The CLIQ key contains a unique electronic ID code that cannot be duplicated, altered or corrupted.

The key is battery powered and serves as the power source for the cylinder system too. The range of locks are suitable for external use, and conform to BS EN 1303, whilst padlocks carry an IP57 water rating.

For further information on Cliq Remote or any of the products and services available from Abloy UK, please call 01902 364 500 or email [sales@abloy.co.uk](mailto:sales@abloy.co.uk).

-ends-

## **A E Solutions (BI)**

### **Stand: E110**

#### **Physiological Monitoring**

A E Solutions (BI) Ltd utilises a proven physiological monitoring method to assess a team or individual person's ability to perform to a required standard whilst operating in a stressful environment which may include tasks within a natural working and/or training situation. Each person wears the device which has the capabilities of transmitting live data via Bluetooth and/or storing the data within itself for post action analysis.

We have commissioned the use of an objective method which utilises the measurement of the body's physiology whilst undertaking tasks within a natural working and/or training situation.

This method can be employed for personnel undertaking training, during normal work (combat), Close Personal Protection teams and Individuals & teams within Law Enforcement. It has already been deployed in these arenas.

You can encompass this type of objective monitoring within your organisation to enhance your training, provide personal feedback and monitoring to all levels of trainee and enhance continuous improvement programmes.

#### **Physiological Monitoring in the Testing of Equipment**

A E Solutions (BI) offers the possibility to test a person's interaction with a variety of equipment, using physiological monitoring, where the wearer is monitored and measured for his/her physiological reactions such as: skin temperature, stress, heart rate, breathing, posture, recovery and reaction times. If the physiology significantly changes, this may be an indication that the person is suffering some kind of stress whilst using the equipment.

#### **Case Study**

Two male persons took part in this task which is set in The Roaches in the Peak District National Park, UK which comprises Hen Cloud and Ramshaw Rocks forming a grit stone escarpment marking the south-western edge of the Peak. Hen Cloud is an impressive, solitary edge which rises steeply from the ground below. The task occurred over four occasions in May and June 2010.

Each person wore an Equivital physiological monitoring device for the entire trek and continuing for a further hour to test their recovery times. An activity log of the trek was maintained which enabled the physiological readings to be aligned to actual tasks that were undertaken. A specified activity vocabulary was used to ensure that subsequent analysis could be accurately aligned to the relevant tasks.

The objective of the task was to determine whether different types of rucksacks, when loaded, affects the physiology of the person. The rucksacks tested were a standard army issue Camelback rucksack which rests directly against an individual's spine, and a Crib Gogh rucksack which has been specifically designed to evenly distribute the weight away from the spine.

The results clearly identified the differences in comfort between the two rucksacks indicating the superiority of the Crib Gogh product.

#### **Measuring Stress to Enhance Training**

By using a physiological monitoring device to measure biometrics for an individual or a whole team, an organisation's current training regimes can be enhanced. This objective measurement method can be used to assess a team or individual person's ability to perform to a required standard and to provide personal and/or team analysis and feedback, establishing a continuous improvement programme.

Individuals undergoing training are invited to wear the physiological monitoring device for the duration, and a detailed activity log is maintained by observers from A E Solutions (BI) Ltd, which enables the physiological readings to be aligned to actual tasks that were undertaken. A specified activity vocabulary is used to ensure that subsequent analysis could be accurately aligned to the relevant tasks.

The illustration shows the Equivital monitor and demonstrates how it is worn in conjunction with its belt. The belt's shoulder strap (A) is particularly useful as it assists in retaining the actual monitor (B) in the correct position on the chest (C). The retaining belts are slim and pliable ensuring that the entire device can be worn comfortably for long periods of time. Having the belt sized correctly to the wearer is important.

### **Tailored Solutions**

There are a variety of ways in which we can work within your organisational structure providing a bespoke solution which can include:

- Loan of the equipment, personnel to monitor activities, results analysis and Final Report
- You purchase the equipment and software, we train you in its operation, and help you to develop your own personal data programmes
- You can either own or hire the equipment and send us the results for post activity analysis and reporting
- An individual can purchase his own monitoring device. After each training session the results can either be sent to us for analysis or completed in-house. This will provide continual monitoring of an individual through a number of training sessions to demonstrate his/her progress and control

### **New Software Release**

A E Solutions (BI) Ltd is in the process of developing iPhysio, our new and ground breaking software for physiological monitoring of human activities. iPhysio is developed based on years of experience with customers from the security sector. The software allows easy connection of up to 7 monitoring devices and supports live monitoring and post-analysis capabilities, enabling instructors to observe and analyse individuals and teams during every day activities and their state of health in stressful situations. iPhysio integrates our ground breaking physiological monitoring method featuring the automatic measurement of training zones based on heart rate, breathing rate and skin temperature. More news to follow soon.

### **About A E Solutions (BI) Ltd**

A E Solutions (BI) Ltd was established in 2003 by Dr Rick Adderley who is a retired West Midlands Police Inspector, and was the project manager and architect of their FLINTS intelligence system. The company specialises in providing operational benefits focussing on the Police and Security market, and will be exhibiting on Stand E110 at CT Expo 2012.

### **Contacts**

For further press information, or interview requests, please contact Dr Rick Adderley, tel. +44 (0)1386 839423, email: [rickadderley@a-esolutions.com](mailto:rickadderley@a-esolutions.com)

To find out more about the range of Policing and Security solutions provided by the company please visit [www.a-esolutions.com](http://www.a-esolutions.com)

## **AON Risk Solutions**

### **Stand: C56**

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*For immediate release*

#### **Implications of Arab Spring and political transitions raise concerns for businesses around the world: Aon Political Risk Map**

#### **Interest in political risk insurance increasing as chief stakeholders take notice**

**CHICAGO (February 8, 2012)** – While clarity has begun to emerge in some of the countries affected by the [Arab Spring](#), the resulting tension has spurred or intensified protests in dozens of countries, both within the region and elsewhere. According to Aon's 2012 [Political Risk Map](#) released today, this remains a concern for businesses operating in those nations.

[Aon Risk Solutions](#), the global [risk management](#) business of [Aon](#) Corporation (NYSE: AON), measured political risk in 167 countries and territories to assess the risk level of exchange transfer, sovereign non-payment, political interference, supply chain disruption, legal and regulatory, and political violence.

“These uprisings and protests remain a key concern in 2012 and we see this reflected in rating downgrades of several countries,” said [Roger Schwartz](#), senior vice president of political risk for Aon Risk Solutions’ [Crisis Management](#) Practice. “This is forcing CEOs and CFOs of businesses with overseas operations in emerging markets to revisit risk management and risk mitigation measures.”

In addition, the outcome of elections in the U.S., France, Russia and China may contribute to greater global uncertainty. The eurozone debt crisis remains a significant risk, and extends to those countries economically or otherwise dependent on the region.

Aon’s map provides an indication of overall levels and types of political risk, which relates to the actions or inactions of foreign governments, including third-party countries which may deprive a business of its assets, prevent or restrict the performance of a contract and affect repayment of loans to financing banks.

Political risk can exist for businesses that invest, operate, trade or lend in emerging markets.

#### **About the 2012 Aon Political Risk Map**

Aon measured political risk in 167 countries and territories to assess the risk level of exchange transfer, sovereign non-payment, political interference, supply chain disruption, legal and regulatory, and political violence. Each country is rated as Low, Medium-Low, Medium, Medium-High, High or Very High. European Union and Organisation for Economic Cooperation and Development member countries are not rated in the 2012 map.

Country ratings reflect a combination of analysis by Aon Risk Solutions, Oxford Analytica, a global analysis and advisory firm, and the opinions of 26 Lloyd’s syndicates and corporate insurers actively writing political risk insurance.

#### **Upgrades (where the overall country or territory risk is rated lower than the previous year)**

Three upgrades: Moldova, Ukraine, Uruguay

### **Downgrades (where the overall country or territory risk is rated higher than the previous year)**

21 downgrades: Azerbaijan, Bahrain, Belarus, Colombia, Croatia, Egypt, Falkland Islands, Gabon, Guatemala, Guinea Bissau, Libya, Morocco, Oman, Pakistan, Swaziland, Syria, Thailand, Tunisia, Uganda, Vietnam, Western Sahara

Each country on the map is rated according to the different types of risks it faces, and these risks are indicated by the following icons:

**Exchange Transfer:** The risk of being unable to make hard currency payments as a result of the imposition of local currency controls. 71 countries have this risk icon, including Bolivia, Kenya, Swaziland, Pakistan and Turkmenistan.

**Legal and Regulatory:** The risk of financial or reputational loss as a result of difficulties in complying with a host country's laws, regulations or codes. 104 countries have this risk icon, making it the most common risk on the map. Countries with this risk icon include Belarus, Kazakhstan, Somalia, Thailand and Yemen.

**Political Interference:** The risk of host government intervention in the economy or other policy areas that negatively affect overseas business interests; e.g., nationalization and expropriation. 92 countries and territories have this risk icon, including five new entrants for 2012: Egypt, Gambia, Libya, Peru and Western Sahara.

**Political Violence:** The risk of strikes, riots, civil commotions, sabotage, terrorism, malicious damage, war, civil war, rebellion, revolution, insurrection, hostile act by a belligerent power, mutiny or coup d'etat. 81 countries have this risk icon, including Bahrain, Libya, Senegal, Sierra Leone and Turkmenistan.

**Sovereign Non-payment:** The risk of failure of a foreign government or government entity to honor its obligations in connection with loans or other financial commitments. 85 countries have this risk icon in 2012, including Croatia, Dominican Republic, Egypt, Nigeria and Vietnam.

**Supply Chain Disruption:** The risk of disruption to the flow of goods and/or services into or out of a country as a result of political, social, economic or environmental instability. This is the least common risk icon with 61 countries, including Guinea Conakry, Papua New Guinea, Syria, Tuvalu and Vanuatu.

**For more information, visit** <http://www.aon.com/2012politicalriskmap>.

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### **About Aon**

[Aon](#) Corporation (NYSE:AON) is the leading global provider of [risk management](#), [insurance](#) and [reinsurance](#) brokerage, and [human resources](#) solutions and [outsourcing](#) services. Through its more than 61,000 colleagues worldwide, [Aon](#) unites to empower results for clients in over 120 countries via [innovative](#) and effective [risk](#) and people solutions and through industry-leading global resources and technical expertise. Aon has been named repeatedly as the world's best [broker](#), best insurance intermediary, reinsurance intermediary, captives manager and best [employee benefits](#) consulting firm by multiple industry sources. Visit <http://www.aon.com> for more information on Aon and <http://www.aon.com/manchesterunited> to learn about Aon's global partnership and shirt sponsorship with [Manchester United](#).

This communication states our intentions, beliefs and expectations or predictions for the future which are forward-looking statements as that term is defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements relate to expectations or forecasts of future events. They use words such as "anticipate," "believe," "estimate," "expect," "forecast," "project," "intend," "plan," "potential," and other similar terms, and future or conditional tense verbs like "could," "may," "might," "should," "will" and "would." You can also identify forward-looking statements by the fact that they do not relate strictly to historical or current facts. For example, we may use forward-looking statements when addressing topics such as our plans, objectives, expectations and intentions with respect to future operations.

Forward-looking statements may also include statements regarding market and industry conditions, including competitive and pricing trends; changes in our business strategies and methods of generating revenue; the development and performance of our services and products; and future actions by regulators. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from either historical or anticipated results depending on a variety of factors. Further information concerning Aon and its business, including factors that potentially could materially affect Aon's financial results, is contained in Aon's and, historically, Hewitt's filings with the SEC. See Aon's Annual Report on Form 10-K and Annual Report to Stockholders for the fiscal year ended December 31, 2010 and Quarterly Reports on Form 10-Q for the subsequent fiscal quarters and other public filings with the SEC for a further discussion of these and other risks and uncertainties applicable to our businesses. Aon does not undertake, and expressly disclaims, any duty to update any forward-looking statement whether as a result of new information, future events or changes in their respective expectations, except as required by law.

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## **Asis Chapter 208 UK**

### **Stand: H174**

The last few months have been busy for the UK Chapter of ASIS International.

It has appointed four new committee members Alexandra Whyte (Johnson Matthey) - Women in Security programme, Colonel Graham Le Fevre (British Army) - Armed Forces Liaison, Richard Stones (Nottinghamshire Police) – Police Liaison and Alan Jenkins (T-Systems) – Convergence Lead

The Chapter has also won a prize for membership growth in 2011 and its Chairman, Mike Alexander, Vice Chairmen, Graham Bassett and Mike Hurst and Certification Lead, David Cresswell, have all won individual prizes for new member recruitment. Its quarterly Newsletter narrowly missed out on the Newsletter of the Year award, receiving an Honourable Mention.

In November, its Heroes' Tribute Evening raised £10,000 for two ex-services charities, The Afghanistan Trust and Walking with the Wounded. It also support The National Victims' Association ([www.victimsfirst.co.uk](http://www.victimsfirst.co.uk))

## **Avon Protection Systems**

### **Stand: F131**

#### **The Avon EH20 Offers Fast Response to CBRN Protection at CTX 2012**

**9 January 2012: The threat to public safety from a potential CBRN incident is regularly highlighted by government reviews of high profile events. The perceived risk of this menace might be low but emergency services must still prepare for what might happen, particularly when large scale public safety is compromised.**

Few public service officials, such as sports arena attendants, transport operatives or emergency service teams, are trained to use or carry CBRN protective equipment if needed to attend or react to a related incident. Yet discussions within this sector have identified a real need for fast response, respiratory protection without the burden of training, maintenance and storage.

For this reason, Avon Protection Systems has been awarded CE certification for a single use EH20 Emergency Escape Hood which they will be showing at **CTX 2012**. The confidence and integrity afforded by this hood meets the high expectations expected by civilian responder groups against a range of CBRN materials.

The Avon EH20 provides the user with many benefits of non compromised protection. For example, it offers a high level of portable or stowable respiratory solutions for eye, face and throat protection for a minimum of fifteen minutes – yet is capable for operating at much longer periods of use. Enough time to allow operatives, attendants or emergency teams to provide public assistance and swift exit within a contaminated area.

Manufactured from robust and functional CBRN resistant materials, the EH20 not only protects against all airborne CBRN threats but also protects the individual from liquid agent splashes; while an ergonomic design gives the user both a non-threatening appearance and full visibility.

The CBRN escape hood incorporates twin low-profile filters on a unique hinge system, which are the latest design in space saving profile technology. This acts to reduce breathing resistance, yet assists when undertaking physical exertion.

In terms of deployment, the hood requires minimal training and can be fitted effectively in less than 30 seconds, all aided by a comfortable self-adjusting harness. Finally, the hood is protected within a vacuum sealed foil bag and is afforded extra durability by a robust, reinforced pouch that is compact enough to store in a briefcase, glove compartment, desk drawer or on a utility belt.

With a shelf life of up to seven years, it represents a small investment for personal safety for event personnel, transport officials, security and emergency service teams.

**End///**

Avon Protection, an Avon Rubber p.l.c. company is a world leader in the design, development and manufacture of CBRN respiratory protection equipment. Avon has been supplying respirators to the UK Ministry of Defence and other NATO allies for over 80 years and is the sole supplier of military respirators to the US armed forces, supplying the M50 Joint Service General Purpose Mask. With new conflicts and threat scenarios creating additional daily risks for individuals in military, law enforcement, first responder and emergency service applications, Avon Protection maintains a market leading position by investing in continual research and development to meet changing operational requirements.

**Berkeley Varitronics Systems, Inc**

**Stand: I27**

FOR IMMEDIATE RELEASE

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Berkeley Releases EtherHound Cell Phone Detector to Enforce Networked Cell Phone Free Zones

November 17, 2011 (Metuchen, NJ)— Berkeley Varitronics Systems, Inc. (BVS), a leading provider of advanced wireless solutions and security products to the domestic and international wireless telecommunications industry, announces the release of EtherHound Cell Phone Detector.

The EtherHound™ is a cell phone detector used to enforce a 'No Cell Phone Policy' in a secure facility. EtherHound is a discreet receiver that can be mounted anywhere and Powered over Ethernet (PoE) creating a networked array of sensors. When a cell phone is detected, an alert is networked back to the server and an email with time-stamp & location tag is sent. These alerts are stored as data in an SQL database for further analysis or control via EtherHound's optional client application software. EtherHound includes dry contacts for customizable trigger alerts when a cell phone is detected including audio, cameras, lights, etc.

"We have gotten a lot of requests from secured facilities looking for a low-cost solution for detecting and reporting unauthorized cell phone use. EtherHound meets that need." says Scott Schober, BVS President & CEO.

EtherHound and optional client database software are available now. For more information visit [www.bvsystems.com](http://www.bvsystems.com).

For interviews or additional information on BVS and Scott Schober, contact Jason Kitchen at [Jason@MoreMediaHits.com](mailto:Jason@MoreMediaHits.com).

**About Berkeley Varitronics Systems**

Berkeley Varitronics Systems, located in Metuchen, New Jersey, has been providing advanced wireless solutions and products to the domestic and international wireless telecommunications industry for over 38 years. BVS has introduced over 50 unique wireless test devices for a variety of applications including the popular Cellular, iDEN, PCS, CDMA, RFID, LTE, Mobile WiMAX, 802.11b/a/n/g & Bluetooth specifications. The past few years BVS has unleashed several niche cell phone detection tools used in the security industry. For more information visit [www.bvsystems.com](http://www.bvsystems.com).

## **Booth Industries Ltd**

### **Stand: F02**

#### **News from Booth**

##### **Issued:**

#### **Bolton companies complete work to ensure safety at airport**

A pair of Bolton companies has completed a project to protect Heathrow airport from terrorist attack.

The T5 project team and Watson Steel structures turned to Booth Industries Ltd to utilise their specialist engineering skills creating an advanced bomb protection system for Terminal 5 at Heathrow Airport.

Booth Industries, known globally for its high integrity blast-resistant doors and walls for the oil and gas markets, secured the contract to create a blast wall system to protect the interchange, the main passenger access point to Terminal 5.

Booth has worked closely with Watson Steel Structures, the company behind Terminal 5's steel framework, to create a prefabricated blast wall and steel door system. This stands in front of the interchange building to protect the terminal and passengers from potential bomb blasts and terrorist attacks.

Sales Engineer, Andrew Yates of Booth Industries said: "This work will be vital in protecting passengers from incidents the like of which have been seen at other UK airports such as Glasgow, where terrorist tried to blow up the airport by driving a vehicle stocked with propane canisters into the main entrance."

He added: "The project has been a tremendous opportunity to demonstrate that Bolton is at the cutting edge of specialist engineering. Booth Industries and Watsons have created a structure which will keep people safe and be in the public eye for years to come. We are pleased to have worked on such a high profile project with Watsons and look forward to continuing our relationship, demonstrating the versatility and benefits of steel construction."

Tony Whitten T5 Project Director for Watson's Steel Structures said: "Bolton can really boast some of the top engineering firms in the UK, our work with Booth Industries on one of the UK's biggest landmark developments is testimony to this."

Booth Industries manufactures and supplies bespoke steel doors for a variety of applications including blast, sound, security and fire. The company has worked on a number of high-profile projects including the Channel Tunnel Rail Link and St Pancras International Station. The company also has a new arm, Booth Commercial, which supplies pre-engineered steel doors to existing and new market sectors.

#### **Notes to Editors**

- Booth Industries manufactures and supplies bespoke steel doors for a variety of applications including blast, sound, security, fire and flood protection.
- Booth Commercial is the new arm of the company which will supply pre-engineered doors to existing and new market sectors.
- Other products include onshore and offshore fire and blast rated wall and window systems, blast relief wall systems, hangar doors, stone clad doors and specialist doors for nuclear applications.
- Previous projects of Booth Industries include doors for the Dublin Port road tunnel which was the largest civil engineering project ever to be undertaken in Ireland and a contract for

special fire doors on the Channel Tunnel Rail Link between London and the Channel Tunnel worth in the region of £3.5m.

**Ends**

If journalists would like interviews or more details about Booth, please contact Paul Owen from Kenyon Fraser by emailing [paul@kenyons.co.uk](mailto:paul@kenyons.co.uk) or calling 0151 706 9971.

**Bradbury Security**

**Stand: B50**

Emabargo Until: None

Date: 13/09/11

High Security Success

Bradbury Security's M2M3 High Security Door Range represents the most extensive range of LPCB Level 3 certified doors available in the UK. Bradbury's Engineering Team has also developed a number of design features which make this range unique and add unrivalled security to the doors.

The Internal Re-inforcing and Hinge Chassis Systems provide increased strength and rigidity without undue bulk and the Triple Protection Anti-Pry Frame Profile provides an effective defence against attack with crow bar or other similar lever type implement. The range also offers a wide choice of vision panel and louver configurations and a DDA compliant threshold.

The comprehensive range of tested and certified hardware available for the M2M3 means that doors can be tailor made to meet a wide range of customer requirements whilst retaining level 3 certification. This has proved popular with contractors for the London 2012 Olympics as well as clients from the utilities and retail sectors that have also benefitted from the rapid 15 turnaround offered by Bradbury Security Subject to hardware availability.

**ENDS.**

## CNIguard

### Stand: C86

#### PRESS CONTACTS:

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### **BILCO OFFERS NEW WIRELESS INTRUSION DETECTION SYSTEM FOR ACCESS POINTS IN WATER TREATMENT FACILITIES**

NEW HAVEN, CT/ October 17, 2011 – The Bilco Company is pleased to announce a new partnership with CNIguard, a United Kingdom-based manufacturer of intrusion detection systems for access points in water treatment facilities. CNIguard serves North America from an office in western Pennsylvania and Bilco will now act as the exclusive distributor for this innovative wireless security system in the United States and Canada.

“With successful performance of initial installations at United States water facilities, we envisage that via Bilco, infrastructure at large will embrace the enhanced standards of security uniquely offered by CNIguard,” said Dr. Edward Klinger, CEO of CNIguard.

Bilco’s CNIguard™ intrusion detection system is specifically designed to protect access points in drinking water distribution systems against the threat of intentional contamination. The system utilizes a patented Smart Sensing Technology to detect tampering, such as drilling, grinding, and cutting while virtually eliminating costly false alarms. The computerized system has the ability to distinguish between real threats and common occurrences such as heavy rain, hail, etc. and is rated for a maximum of one false alarm per year. Unlike video or audio surveillance systems on the market, CNIguard does not rely on human interpretation to determine if a threat is real.

“The construction industry has always looked to Bilco for specialty access solutions and we are now pleased to offer a security system for our access products as well as other access points in a facility” said Tom Crowley, Vice President of Sales & Marketing for Bilco’s commercial product line. “We are very excited about this partnership and our ability to now provide a highly engineered security solution to the market.”

The CNIguard intrusion detection system installs easily on any access point and is ideally suited for pumping stations and wells in remote areas. The system consists of a controller and a series of detectors that are mounted to access points throughout a water treatment facility. Radio signals are used to communicate between these devices and the communication signal is encrypted to prevent hacking. The controller is hard wired into a facility’s main power supply and connected into a standard SCADA monitoring system. Detectors are powered individually by lithium batteries and are designed for the integration of commercially available sensors to monitor operational requirements such as flooding and temperature and pressure changes if required.

“Installation costs for traditional cable based security systems can be quite expensive as conduit must be run throughout a facility” explains Tom Crowley, “The CNIguard system eliminates this expense, making for a faster and less costly installation”.

Currently installed in water treatment facilities in the United States and throughout the United Kingdom, CNIguard has been tested and approved by the United Kingdom Security Services. The product is also designated as Anti-Terrorism Technology as part of the U.S. Department of Homeland Security Safety Act.

For more on Bilco's new Intrusion Detection System, visit the company website at [www.bilco.com](http://www.bilco.com).

### **About Bilco**

For 85 years, The Bilco Company has been a building industry pioneer in the design and development of specialty access products. Over these years, the company has built a reputation among homeowners, builders, architects, and engineers for products that are unequaled in design and workmanship. Bilco – an ISO 9001 certified company – offers a line of roof hatches, automatic fire vents, floor access doors, and basement access products for residential applications. For more information, visit [www.bilco.com](http://www.bilco.com). **Press contact: Lesley Ashburner, 07753 824360**

**Cognitec Products Released with New Face Recognition Algorithm**

Dresden/Rockland, December 20, 2011—Cognitec Systems, leading provider of face recognition technology, today released two product upgrades with the new face recognition algorithm B6T8. The new versions of FaceVACS-DBScan and FaceVACS-SDK are now available for integrators and end-customers.

While reassuring Cognitec's industry-leading identification performance for various face recognition benchmarks, the B6T8 engine performs particularly well for low resolution images and images with non-frontal view, i.e., faces turned to the side, up or down. These improvements make the new algorithm highly suitable for processing video input data. The algorithm also shows better performance results for images with systematic noise, e.g. stripes introduced by a defect scanner. Compared to its predecessor, the B6 engine generates a 30% smaller facial template for each image, resulting in 10% faster matching speed and reduced computer memory requirements.

**New product releases are available as follows:**

FaceVACS-DBScan 4.7 enables users to compare still images from different sources to those stored in multi-million image databases and instantly view match lists with the most similar identities. With the Examiner application within FaceVACS-DBScan, investigators can use a powerful tool- and filter set to enhance low-quality images from crime scene photos and surveillance videos and then identify the individuals against mug shot repositories.

FaceVACS-SDK 8.5, the new version of Cognitec's comprehensive software development kit, provides all the development tools for face recognition use cases, e.g. enrollment, verification, identification, face tracking, and portrait characteristics measurement. The FaceVACS-SDK has been used by developers and integrators around the world to create state-of-the-art face recognition applications.

**About Cognitec**

Cognitec develops market-leading face recognition technology and applications for industry customers and government agencies around the world. In various independent evaluation tests, our FaceVACS® software has proven to be the premier technology available on the market. Cognitec's portfolio includes products for facial database search, video screening, border control, ICAO compliant photo capturing and facial image quality assessment. Corporate headquarters are located in Dresden, Germany; other offices in Miami, FL; Rockland, MA; and Hong Kong.

**More Information and Contacts**

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## CP Cases

### Stand: D01

#### **PRESS RELEASE**

ISSUED: 1st November 2011

#### **CP CASES AWARDED AIRCRAFT CARRIER ALLIANCE CONTRACT TO SUPPLY RACKMOUNT ENCLOSURES TO QE CLASS AIRCRAFT CARRIERS**

CP Cases, the UK based specialist designer & manufacturer of protective rackmount enclosures and transit cases is proudly supplying more than 1200 custom-designed rackmount enclosures and more than 4000 adaptors and brackets, for installation on-board the two new Queen Elizabeth (QE) Class Aircraft Carriers currently under construction. The contract, worth in excess of GBP £1.25 million, is for datacoms enclosures of various sizes. The smallest enclosure accommodates 2 single units of 19" rack-mounted network switches; the largest cabinet stands almost 5 feet tall and can accommodate 29 units. Also developed especially for this project are a series of plinths and brackets, which secure telephone handsets to horizontal and vertical surfaces around the ship, these are being supplied in phases between now and 2014 as part of the design, build and commissioning process.

*"It is humbling to think that we're part of a small elite group of engineering companies, which represent the crème de la crème of the UK's finest manufacturers, and that the enclosures we design and build here in our factory, will play a mission critical role on-board these Royal Navy flagships. We are part of a truly national project, supporting local jobs and communities throughout the whole country, with thousands of people working towards the single goal of making these ships our national heritage"* said Peter Ross, Managing Director of CP Cases.

Each enclosure protects the 19" rack mounted switches from vibration, impact, particle and moisture ingress, and also provide screening from any electromagnetic interference (EMC/EMI) that could disrupt the mission communication systems from radar energy and other strong electromagnetic signals which are emanating from various positions on board, ensuring the ship's sensors do their job without adversely affecting each other. The first shipment of 400 enclosures have been despatched to central stores in Motherwell, for onward shipping to Rosyth where the first carrier, HMS Queen Elizabeth is currently being assembled. Commenting, Dave Bickley, Supply Chain Specialist from BAE Systems Mission Systems said *"Yet again CP Cases have exceeded our expectations regarding the swift progress, attention to detail and willingness to do the best job possible at all times"*.

CP Cases have introduced and utilised novel designs embracing the same materials developed specifically for EMC/EMI screening used as part of their own „ERACK" series of portable Anti-Vibration rackmount containers, which are performance certified to provide a high level of electromagnetic shielding. Their solution for providing electromagnetic compatibility throughout all sizes of enclosures, also manages interference which could potentially emanate where the data transfers cables enter and exit the enclosures. Construction of the two new vessels is the largest shipbuilding project ever undertaken by the Royal Navy, and also one of the largest engineering projects ever undertaken in the UK, second only to London's 2012 Olympic Park. When completed, the two aircraft carriers will be the largest surface warships ever constructed in the UK.

#### **Notes to Editors:**

1. For further information, contact Sunita Bal – pr@cpcases.com Tel: +44 20 8568 1881 Fax: +44 20 8568 1141
2. CP Cases are designers and manufacturers of high-performance, impact resistance cases and racks for transport, storage and operation of essential equipment.
3. CP Cases Ltd, Worton Hall Industrial Estate, Isleworth, Middlesex, TW7 6ER, [www.cpcases.com](http://www.cpcases.com)
4. Further images available on request.

**Dräger Safety UK**

## **Stand: F152**

### **Draeger Adds Another Dimension To Chemical Protection Suits**

As a result of working closely with customers to continue to understand their needs, Draeger has developed the CPS 7900, a gas-tight chemical protection suit. Even when being dragged along the ground or any other abrasive surface in a rescue situation, this reusable suit maintains wearer protection from hazardous substances. Should an outer layer be damaged, the wearer is kept safe by the use of a new tear-proof, five-layer, laminated D-Mex material which protects against chemical effects, bursts of flames and toxic and cryogenic substances.

For additional safety the wearer's arms remain in the suit sleeves at all times, ready to respond through the inclusion of a pressure gauge holder in the field of view.

Freedom of movement and full awareness of the environment are vital to ensure a quick reaction. These are assured by the comfortable, ergonomic design and an almost natural field of vision through the anti-fogging visor. The ability to operate in a broad range of environments is essential; the D-Mex material is safe to use in potentially explosive environments and also offers protection from contact with extreme temperatures as low as -80C. Faster recovery in man down situations can be aided by the Draeger-Connect system, allowing the rescuer to grip the suit of the wearer. Hands can also be kept free as this same system can be used to carry tools and equipment into an incident.

Offering a lifetime cost reduction because of the 15-year suit life, further savings in both time and cost can be achieved by reduced stock variables. For example, correct glove selection and fitting is fast and easy with the quick change patented cuff lock. An integral height adjuster allows pace length to be adjusted to suit the wearer and means that fewer sizes need to be stocked to suit the requirements of a diverse workforce. The selection of different boots for different tasks is also made safe and easy by the inclusion of gas-tight socks.

Allowing easy integration with existing equipment, the suit is compatible with other forms of PPE such as helmets and face masks, the suit can also be connected to an external source of air for long duration work. In addition, when working in hot and humid conditions, the wearer can be supplied with cool air to ensure maximum comfort and performance.

Meeting European and International standards such as EN 943-2 and the SOLAS convention, the Draeger CPS 7900 answers the requirements for emergency teams from the fire and rescue services as well as industry. Draeger has been developing and producing chemical protection suits for over 50 years and the CPS 7900 is the culmination of this experience in a range which also includes the new lightweight Draeger CPS 5900 for single-exposure applications.

For further information contact Customer Service, Draeger Safety UK Limited, Ullswater Close, Blyth Riverside Business Park, Blyth, Northumberland, NE24 4RG. Tel: 01670 561200, fax: 01670 356266, [www.draeger.com](http://www.draeger.com).

ENDS

**PRESS** information is available from Lesley Ashburner, Draeger Press

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### **Dräger. Technology for Life®**

The Drägerwerk AG & Co. KGaA is an international leader in the fields of medical and safety technology. Dräger products protect, support and save lives. Founded in 1889, in 2008 Dräger generated revenues of around EUR 1.9 billion. The Dräger Group is currently present in more than

190 countries and has about 11,000 employees worldwide. Please visit [www.draeger.com](http://www.draeger.com) for more information.

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**Environmental Defence Systems (EDS) Ltd**

**Stand: C27**

BlastSax® join battle against terrorism

A PIONEERING 'sandless sandbag' is all set for the frontline against terrorism.

The BlastSax® has undergone trials showing its effectiveness at stopping bullets or mitigating explosions. A similar product, FloodSax®, has already proved itself to be highly effective in stopping floodwater. Both are inflated with water to become as tough as traditional sandbags.

They are flatpacked until needed and so hundreds can be taken to the scene quickly by just one person unlike sandbags that need vast warehouse space, are heavy and expensive to shift and require huge manpower and lorries to get them to the scene.

The BlastSax® semi-porous inner liner contains gelling polymer which absorb water to become taut and puncture-proof in just over 3 minutes. Once the water is in there, it stays there and the bags act just like sandbags.

UK manufactured and tested, they are incredibly lightweight, weighing just 200 grams (7 ounces) before they are activated. They absorb 20 litres of water to become taut weighing 20kg (44lbs) in just over 3 minutes. They can be expanded in water in a bath, a sink, a bucket, a hosepipe or even the floodwater

BlastSax® are an effective blast and fragmentation protection barrier which also helps to preserve forensic evidence.

They have undergone extensive trials with the British MoD and have proved to be effective against small explosive devices.

One person can carry 40 BlastSax® at one time in dry state – equal to 800kgs sandbag weight - and they can be used with aqueous decontaminants to neutralise CBRN threats. They are ideal for conventional demolition, minefield clearance and personnel protection when preparing detonators.

They have also proved to be effective against weapons including the Glock 19 Hollow Point, AK47 Hollow Point, AK47 Ball, Bushmaster M4 5.56 Steel Core, Russian 91/30 Nagant Sniper rifle 7.62 x 54R Czech Heavy Ball and BL755 with 4oz PE charge.

The Royal Navy has tested BlastSax® and its report concludes: "The use of BlastSax® to provide protection to EOD personnel while preparing detonators proved to be very effective. Noise was significantly reduced and all component parts of the detonators were contained within the BlastSax®.

"Should a detonator sandwiched between BlastSax® accidentally function while being prepared, the risk of injury would be substantially reduced.

"BlastSax® may have multirole effectiveness and application in diverse roles such as damage control, boundary cooling and flood prevention."

## **Flir Systems**

### **Stand: F90**

#### **FLIR Systems promotes 640 x 480 pixels image Resolution**

Price of F-Series thermal imaging cameras equipped with a 640 x 480 pixels detector is 30% lower than before

Security means making sure that no threat goes undetected 24/7. Contrary to other technologies, thermal imaging cameras need no light whatsoever to produce a crisp image. They can see in total darkness, through dust, fog and smoke, in practically all weather conditions.

#### **A new standard: 640 x 480 pixels**

In order to make sure you are not missing a threat, you need the best possible image quality: 640 x 480 pixels.

Therefore FLIR Systems has drastically expanded its product range of 640 x 480 pixels thermal imaging cameras.

Thermal images of 640 x 480 pixels mean a 4 times better image quality compared to 320 x 240 pixels. More pixels allow the user to see more detail and detect more and smaller objects from a further distance. The cameras also work more efficiently with video analytics. A thermal imaging camera equipped with a detector producing 640 x 480 pixels will not only detect potential targets at a longer distance, it also has a wider field of view compared to a thermal imaging camera producing 320 x 240 pixels thermal images that is equipped with a lens with the same focal length. This means that you will not only detect potential targets earlier but also that you will increase your situational awareness when using a thermal imaging camera with a 640 x 480 pixels detector.

#### **Unique temporary offer: price reduction of 30%**

In order to give as many security professionals as possible the possibility to benefit from thermal imaging camera

producing a thermal image of 640 x 480 pixels, FLIR Systems has decided to lower the price of its F-Series that are producing 640 x 480 pixel thermal images with no less than 30%.

The following models have been reduced in price:

F-645: 13 mm lens – FOV: 45° (H) × 37° (V) - Human detection range: 390 meter

F-625: 25 mm lens – FOV: 25° (H) × 20° (V) - Human detection range: 820 meter

F-618: 35 mm lens – FOV: 18° (H) × 14° (V) - Human detection range: 960 meter

F-612: 50 mm lens – FOV: 12° (H) × 10° (V) - Human detection range: 1500 meter

F-610: 65 mm lens – FOV: 10° (H) × 8° (V) - Human detection range: 1900 meter

F-606: 100 mm lens – FOV: 6.2° (H) × 5° (V) - Human detection range: 2450 meter

#### **Validity**

This offer is valid for all orders of the above mentioned F-Series cameras only, that is placed between October 1st

2011 and December 31st 2011. This offer can not be combined with any other FLIR Systems promotional offer.

#### **FLIR F-Series**

F-Series are fixed mounted thermal security cameras that let you see intruders and other threats to your facility clearly in total darkness and in bad weather. There is no need for the expense or complication of added lighting infrastructure. They can easily be installed in a TCP/IP network. Analog configuration for use in legacy networks is also possible.

Advanced internal camera software delivers a crisp image without the need for user adjustments. FLIR Systems has developed a powerful algorithm that helps the user overcome the problem of finding low contrast targets in high dynamic range scenes. This algorithm is called Digital Detail Enhancement (DDE). DDE is an advanced non linear image processing algorithm that preserves details in high dynamic range imagery. This detailed image is enhanced so that it matches the total dynamic range of the original image, thus making the details visible to the operator even in scenes with extreme temperature dynamics. The F-Series provide high quality thermal imaging in any night- or daytime environmental condition.

The FLIR F-Series come with the revolutionary cassette system. No need anymore to buy a completely new camera if you want to upgrade your existing one. Exchangeable camera cassettes allow for quick upgrade or repair of sensors and optics. There is no need to send your camera back to the factory if you want to upgrade to better image quality or more range performance. This can easily be done in the field. Changing the cassette and upgrading is just a matter of minutes.

### **About thermal imaging**

Thermal imaging is the use of cameras constructed with specialty sensors that “see” thermal energy emitted from an object. Thermal, or infrared energy, is light that is not visible to the human eye because its wavelength is too long to be detected. It’s the part of the electromagnetic spectrum that we perceive as heat. Infrared allows us to see what our eyes can not.

Thermal imaging cameras produce images of invisible infrared or “heat” radiation. Based on temperature differences between objects, thermal imaging produces a clear image. In contrast with other technologies, such as light amplification, thermal imaging needs no light whatsoever to produce an image on which the smallest of details can be seen. Thermal imaging provides full visibility irrespective of the prevailing light level and weather conditions.

It can see in total darkness, in the darkest of nights, through fog, in the far distance, through smoke and is able to detect anyone hiding in the shadows. It is used for security and surveillance, maritime, automotive, fire fighting and many other applications.

### **About FLIR Systems**

FLIR Systems is the world leader in the design and manufacturing of thermal imaging cameras for a wide variety of applications. It has over 50 years of experience and thousands of thermal imaging cameras currently in use worldwide for predictive maintenance, building inspections, research & development, security and surveillance, maritime, automotive and other night-vision applications. FLIR Systems has eight manufacturing plants located in the USA (Portland, Boston, Santa Barbara and Bozeman), Stockholm, Sweden, Talinn, Estonia and near Paris, France.

It operates offices in Australia, Belgium, Brazil, China, Dubai, France, Germany, Hong Kong, Italy, Japan, Korea, the Netherlands, Russia, Spain, UK and the USA. The company has over 3,200 dedicated infrared specialists, and serves international markets through an international distributor network providing local sales and support functions.

If you would like more information about our range security cameras or about FLIR Systems and its wide range of thermal imaging cameras for a wide range of applications, please contact:

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## **Gallagher Security Management Systems**

### **Stand: D90**

16 September 2011

Media release: For immediate publication

### **Gallagher Command Centre v7.00 revolutionises security Operator experience**

New Zealand manufacturer Gallagher is launching its first major security product under the now global brand of Gallagher later this month (Note: October). Gallagher's Cardax and PowerFence brands, already well-known within the security industry have been retired in order to create a single world-wide brand identity - Gallagher.

Gallagher's Command Centre v7.00 security integration platform (previously Cardax FT) capitalises on its highly customisable and configurable capabilities. The new client ensures the security team sees exactly what they need to see, sized and placed on screen exactly where they want it. From alarms management, to general monitoring and control; from Challenge to cardholder administration, the information the security team needs is provided seamlessly and in context, exactly as they have designed.

Security Product Manager Trish Thompson says Gallagher Command Centre v7.00 is about "the control room and managing, monitoring, and controlling security within a site". "This version introduces the ability for you to put in front of your operators the particular information they need to see to manage the task in front of them," she says.

With an in-built and intuitive user interface design tool, high resolution multi-monitor workstations have more power than ever before. Operators can create or adjust screen layouts in minutes with previews updating as they work. No specialist skills are needed, and the job is done in minutes not hours. Operators are able to mix and match information from different sources, and filter the content to provide operators with real situational awareness. Everything they need and nothing they don't, Command Centre is customisable right down to an individual's role, providing targeted information at the operators' fingertips.

The Gallagher platform resides on the organisation's IT network and stores information about cardholders, the site, and system activity. This business-connected security platform not only delivers security from the perimeter to the hub, but automatically executes business policy, enforcing compliance with internal and external regulations. Gallagher provides a suite of systems that can be fully integrated and securely managed through allocated privileges to authorised users.

Along with Gallagher Command Centre v7.00, Gallagher recently introduced durable and highly secure T series readers. The T series reader range supports the latest version of the Mifare DESFire format, DESFire EV1, which offers flexible control of card data along with high card security.

"Gallagher T series readers and Command Centre v7.00 software are a powerful combination," explains Thompson. "The readers have the ability to download new code over the network. This means we have high speed protocols between our control panel and our readers; we can put new features at the door without any requirement to replace hardware."

Brand and online manager, Natalie Ward, believes the release of the new product under the new brand will put better focus on the solutions Gallagher offers. "Consolidating to one brand will strengthen the Group as a whole and increase our brand equity in the long term. Instead of a range of differently branded security systems, we're introducing a single brand across all products and

solutions,” she says. “The move to a single brand has not impacted our business structure, but does simplify and strengthen the way we promote our solutions.”

“We have been advertising the transition and educating our Channel Partners and end customers about it for several months; the release of the much anticipated Command Centre v7.00 epitomises Gallagher's ambition of redefining what's possible for our customers,” she adds. “Moving to a single brand makes our communication to customers of our broad security offering simpler and easier to understand.”

Gallagher provides premium integrated security solutions encompassing both security systems and professional services. Gallagher delivers electronic access control, intruder alarms management, perimeter security and compliance management through a single integration platform.

Drawing on their competencies of security knowledge and expertise, secure data management and systems integration, Gallagher's offering is expanding. Gallagher provides a suite of systems that can be fully integrated and securely managed through allocated privileges to authorised users. The company prides itself in its agility and dedication to delivering, together with the Certified Channel Partners, innovative and imaginative security solutions.

This product release will be complemented by a series of launch events in each region. To find out more about Gallagher's security solutions, or about upcoming events in your region, visit [www.gallagher.co](http://www.gallagher.co) or email [info@security.gallagher.co](mailto:info@security.gallagher.co).

Ends

Word count: 710

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**Enriching access control management with 'Identity Analytics'**

There is a new concept in Security management. Gallagher harnesses the power of real, operational, business convergence to deliver something they've coined, 'Identity Analytics'. Identity Analytics describes an enriched access control decision which automates compliance with operational and regulatory policy. This ensures people are competent, safe and accountable as they move around on site.

Gallagher delivers Identity Analytics functionality via its physical security management system. This enables organisations to leverage their investment in physical security infrastructure to achieve an unprecedented level of granularity and discretion in personnel flow and workforce management.

Identity Analytics provides a high degree of control and certainty by ensuring the right people (who are inducted, trained, licensed, competent and fit for work and therefore compliant with regulations) are in the right place at the right time, and by alerting system operators to exceptions. This greatly mitigates the risk of accidents, partial or full site shutdown and corporate liability.

Bi-directional information flow between business systems overlayed with policy and its effect at the point of entry delivers an ongoing impact throughout your organisation. As business rules are set organisational and regulatory policy is automatically enforced. Activity is monitored and measured through a real-time audit trail. This unprecedented transparency means business decisions and requirements can be adjusted and actioned quickly in response to their effect.

Identity Analytics enables proactive and pre-emptive workforce management. Traditionally, if a person is denied access they have little or no understanding as to the reason. Identity Analytics delivers access control decisions which are communicated in a meaningful way on distributed hardware at the door or perimeter gate. Staff are warned via a door reader screen or gate display screen of any upcoming expiry of their licences or competencies, so they can prevent these issues from becoming an impediment to their access. If they are denied access, staff are immediately informed of corrective action they should take in order to have their access to an area re-instated.

Identity Analytics ensures a company's safety, security, compliance and regulatory policies are enforced before breaches occur. It provides the ability to enforce business safety and security processes via truly intelligent access control decisions on distributed hardware 'at the door'. Enforcement at the mercy of an online server is now a thing of the past. Speed in tracking and responding to incidents is critical in emergency situations. Identity Analytics delivers an unprecedented level of transparency about who and where personnel are on site through a full audit trail of events.

The open system architecture of Gallagher's core platform for integration, means that Identity Analytics can be as basic or feature rich as required. The solution fully spans the needs of all businesses (small to enterprise) in terms of complexity, affordability and flexibility, meaning it will never become obsolete or redundant as the business grows.

## **Gallagher Security Management Systems**

### **Stand: D90**

**Gallagher's new access control readers provide customers with an integrated security system that is flexible and adaptive to the diversity of operating environments typical of enterprise businesses.**

#### **Design elegance meets functional access control security**

Introducing the new access control readers from Gallagher, manufacturers of access control and intruder alarms security system. The Gallagher T10, T11 and T12 Readers are attractive card readers which provide fast, secure access by simply passing a transponder across the face of the unit. This elegant new reader range is designed to work across the spectrum of enterprise installations.

Not only are these readers highly functional and durable, they are also highly attractive. Their overall aesthetic treatment will complement contemporary architectural spaces, materials, hardware and finishes while subtly projecting an identity of security to distinguish it from other products that share wall space.

From the overall concept to the detail, Gallagher's design focus has been to produce a product of value, distinction and high performance reflecting an appreciation for users and their context. With three aesthetically sleek form factors the T10, T11 and T12 Readers are suited for a wide variety of installations. Mullion and Flushbox mounting variants are available to complement individual building decors and design requirements.

Gallagher has taken time to explore the many applications of their access control readers to deliver technical genius with pleasing design choice. The result is an integrated fascia and bezel construction that allows customers to specifically tailor the product's colour to their individual environment. The refined two-piece reader construction offers architects and consultants colour options to match an extensive array of interior and exterior decors. Available with either a black or white subtly textured fascia – complemented with the same or contrasting bezels or satin silver or gold bezel options across all models, the readers transition easily with traditional architectural fittings and hardware, from electrical switches to existing access control readers.

The Gallagher readers can be installed as a completely new access control security system or retrofitted with existing Gallagher security systems. Robust vandal covers extend installation options and functionality of the readers to the harshest environments on the planet – from external security gates at prisons, mining facilities or industrial settings. Vandal cover options provide additional reader protection. The new Gallagher readers can be configured for use as either entry or exit readers. They are potted and have been tested to high environmental tolerances. The Gallagher T10 readers are IP68 rated and are IK07 impact rated.

The new readers feature highly efficient power consumption (40mA (with 16Vdc) or 70mA (with 24Vdc)) for ongoing cost savings and lower total cost of ownership.

Gallagher has developed a distinctive reader user interface which has been refined to improve visibility in both well lit and dark situations. Each reader features a tri-color LED to provide enhanced visual feedback for access control and alarms management functions. The Gallagher T10 reader is a Mifare® technology reader (Classic, Plus and DESFire) and the Gallagher T11 and T12 readers are multi technology readers (Mifare Classic, Plus and DESFire and 125kHz) to suit a different organizations' technology requirements.

For further information:

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## **Holmatro UK**

### **Stand: E179**

#### **Press release**

July 2011

#### **Holmatro launches Special Tactics equipment range**

Holmatro introduces a brand new range of Special Tactics equipment for use by SWAT teams, other police units and Special Operations Forces. The range includes hydraulic breaching, cutting, spreading and lifting equipment for a wide variety of applications.

Dutch based manufacturer Holmatro has a long experience in developing hydraulic rescue tools for fire and rescue organisations worldwide. Throughout the years this has also attracted other user groups looking for specialised hydraulic equipment, such as police, navy and army. Their input and requirements have formed the basis for the new Special Tactics range.

#### **Tools and features**

The range consists of door openers, battery- and hand-operated cutters and combi tools, a special materials cutter and (hand-operated) power wedges. Matching hand pumps and hydraulic hoses are also included, as well as robust carrying/storage cases, a backpack harness and other accessories. Designed with the end users in mind, the products in this range share various important features such as low visibility, silent operation, quick and easy use, optimal portability and high forces.

#### **More information**

Application videos, brochure downloads, pictures, technical specifications, distributor details and other information about Holmatro's new Special Tactics range can be found on **[www.holmatro.com](http://www.holmatro.com)**.

## **IndigoVision Ltd**

### **Stand: G160**

#### **IndigoVision launches new 1080p HD Minidome cameras**

IndigoVision has broadened its camera range with the launch of 1080p, 2 megapixel ONVIF-conformant HD cameras, in four variants. These are IndigoVision's first ONVIF-conformant cameras and reflect the company's commitment to the ONVIF standard.

The camera range allows the most appropriate size and design to be chosen for the client. These include an internal Minidome, a vandal resistant Minidome, and two Microdomes, internal or external, for smaller spaces where a more discreet camera is needed.

The IndigoVision HD Minidome family is perfect for a multicast environment, allowing an unlimited number of users to view live video on the network with reduced network bandwidth. Dual H.264 encoding allows users the flexibility of simultaneously streaming at different resolutions and frame rate, especially useful when streaming remotely as well as locally. WDR is also available, for greater clarity in areas of contrasting light levels.

The Internal and Vandal Resistant Minidomes offer remote zoom and focus as an option, to simplify installation and reduce the on-going cost of ownership. Low light performance auto IR filtering is provided as standard and audio capabilities are included. The Microdomes are designed for discreet monitoring in small spaces with a built in microphone on the internal Microdome.

The cameras form part of IndigoVision's end-to-end IP video security solution, and are fully integrated with IndigoVision's SMS4 management software and Network Video Recorders. The ONVIF Minidome family provides an Open Standards solution at a competitive price, while retaining the resilience of IndigoVision's unique distributed serverless architecture, with no bottlenecks and no single-point-of-failure.

For further information contact IndigoVision:

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Asia Pacific – Tel: +65 63490708

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**Editors Note:** IndigoVision is a leading manufacturer of end-to-end IP video security solutions for airports, ports, rail, traffic, cities, retail, banking, mining, education, casinos, police, prisons and government. These enterprise class systems improve organisations' operational efficiency, enhance public safety and enable timely emergency response. IndigoVision operates from six regional centres in New Jersey, Sao Paulo, Singapore, Dubai, London and Edinburgh, each with training facilities, demo suites and local stocking. With sales and support staff in 23 countries, IndigoVision partners with some 300 authorised system integrators to provide local system design, installation and service to end users.

## **IndigoVision Ltd**

### **Stand: G160**

SMS4 release 4, launched today, adds system integrity assurance, a continuous assessment of the health of the system to ensure every part is operating correctly. This safeguards the evidential chain and brings peace of mind that when a situational response is called for the system is ready and capable.

Operators are now alerted the instant there is a problem, whether camera, storage or network-related, letting them see what is wrong and where. Automatic escalation ensures that no integrity alert is missed, passing messages further up the chain to ensure they are resolved. Operators are driven to organise immediate repair and close unmonitored areas as appropriate. As examples, a certain percentage of cameras in casinos must be operational for gaming to occur; and diamond processing and cash counting demand continuous recording to prevent fraud, and operations must be halted if system integrity is breached.

Mr. Chad Wright, Group General Manager of Naskam Security, said: “IndigoVision’s release 4 of SMS4 gives us immediate and accurate information on possible system breaches. This allows us to act promptly, minimising downtime and maximising our confidence in our chain of evidence and our ability to respond.”

This release also contains improved video display options to let operators choose how they view an incident, while continuing to monitor other cameras. When an alert comes in, any pane of the Control Center viewing display can be chosen to show what is happening – and will return to displaying the previous camera as soon as the alert is cleared. All other screens will continue to display their cameras, so that nothing is missed.

SMS4 release 4 is the latest evolution of IndigoVision’s software towards full situation management. Users can upgrade through IndigoVision’s Software Upgrade Program (SUP).

For further information contact IndigoVision:

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Editors Note: IndigoVision is a leading manufacturer of end-to-end IP video security solutions for airports, ports, rail, traffic, cities, retail, banking, mining, education, casinos, police, prisons and government. These enterprise class systems improve organisations' operational efficiency, enhance public safety and enable timely emergency response. IndigoVision operates from six regional centres in New Jersey, Sao Paulo, Singapore, Dubai, London and Edinburgh, each with training facilities, demo suites and local stocking. With sales and support staff in 23 countries, IndigoVision partners with some 300 authorised system integrators to provide local system design, installation and service to end users.

**Another Important £Multi-Million MoD Contract for KeTech**

KeTech, of Nottingham, UK, is pleased to announce that we have been awarded the Residual Vapour Detector (RVD) Contract by the MoD following a competitive tender.

The contract covers the modification of the RVD design and then the manufacture of several thousand of the detectors for the MoD by KeTech.

RVDs are carried by British troops and used as an 'unmasking aid'. They provide the ability to detect trace residual amounts of Nerve Agents and Mustard Gas in less than a minute. Fast detection is critical as some nerve agents can kill within minutes, while the effects of Mustard Gas can remain unnoticed, and so unprotected against, for hours after exposure. The new KeTech RVDs will therefore be crucial in assisting the MoD in confirming the safe removal of Personal Protective Equipment (PPE) in potential threat scenarios and possibly saving lives in the case of an attack.

Howard Spink (Sales & Marketing Director) said "KeTech is delighted to announce the award of this important contract that further strengthens our established relationship with the UK MoD and demonstrates KeTech's considerable expertise as a key player in the detection of Chemical Warfare Agents as well as explosives and hidden objects. It's a well deserved win by the KeTech team, who thoroughly understands the needs of our customers and are able to carefully match KeTech products to those needs, successfully providing solutions that give fast, accurate results and ensure maximum performance no matter what the scenario."

KeTech specialises in detection, communication and information technologies. We design, install and maintain reliable, fully integrated systems that address the requirements of challenging environments such as transport, aviation, defence and homeland security.

For further details, Editors and Journalists should contact Howard Spink, Sales & Marketing Director at KeTech:

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## **Industrial Design in the Defence sector**

### **The benefits of successful design in addition to functionality**

The obvious benefits to end users also translate into tangible business advantage for those companies who invest in product design ; in terms of increased sales, profitability and brand value.

In contrast, product development in the defence sector has tended to be driven by more purely functional criteria, which are of course of vital importance, but which miss the opportunity to create the significant additional value that is made possible by deeper design consideration of usability, materials, manufacturing and 'look and feel' factors.

Until relatively recently this 'functional' approach was also the main driver in the medical sector, where it was felt that industrial design had little to offer and *"as long as the product meets the functional requirements then nothing else matters"*.

However, our experience at Kinneir Dufort, working in the both the medical and defence sectors, demonstrates that things can and do change, bringing significant user and business benefits through timely design intervention.

For example : when we were approached by Boehringer Ingelheim of Germany to help re-design their 'Inhalator' inhaler in 1992 we naturally paid careful attention to the functional requirements specification, but we went further and designed an easier to use and safer device, more in tune with users' everyday 'real world' habits and needs. At the same time we created a distinctive look and feel, unique in the market and in the industry, and developed the design for production to reduce the product's manufacturing cost to less than half of its functional (and aesthetically anonymous) predecessor. Soon after its launch the 'Handihaler' quickly became a 'blockbuster' success, the unique design innovations and features applauded by the industry and users alike, and protected by multiple international patents and design registration.

The Handihaler experience marked a turning point, in the medical sector and for KD, with industrial design recognised as being key to user acceptance, market success and value creation, as well as delivering on functional imperatives. Certainly, industrial design and innovation is now regarded by most forward thinking medical companies as an essential element in their product development and business strategy.

Increasingly we see a similar pattern and opportunity emerging in the defence sector, and our experiences in recent years bear this out, with innovative industrial design allied to engineering and manufacturing know-how to deliver significant advantage which goes beyond the functional requirements specification.

It is particularly in the area of the dismounted soldier, vehicle mounted systems, and general land based applications, that we find successful Tier 1 suppliers to the MoD are realising the value of early industrial design input into their programmes. Projects which are of a UOR nature also benefit, despite the compressed timescales, as timing is often a constraint in designing for fast moving commercial markets, where a product is developed relatively quickly and may have a correspondingly short life cycle before the next development comes along – vital in maintaining a market lead.

When development lead-times are compressed, the integration of available COTS hardware becomes more important in achieving speed to manufacture, keeping development costs under control and providing users with more immediately familiar technology and interactions. We have seen the move in the defence sector towards the use of, for instance, off the shelf mobile and smart-phone technology to reduce cost, time and risk of development. These technologies are also increasingly preferred by end users who want more intuitive and familiar product formats, user interfaces and controls, like they are used to in the commercial world.

This use of COTS hardware, and it's integration into custom designed, ruggedised assemblies is where our experience can bring considerable advantage. Certainly, bringing together our knowledge of commercial injection moulded plastics technology with industrial and mechanical design to make off the shelf electronics suit the harsh military environment, is in our view a necessary part of successful product design in the modern defence sector. More than ever before, the use of up to date plastics materials and design methods, combined with rapid prototyping and tooling, are needed to reduce weight and cost ; replacing more conventional machined or die-cast metals.

Our work for Thales, in the design development of the Miltrak soldier tracking system is a good example of the success of this approach, particularly in the context of a UOR. KD were involved from early design conceptualisation, where we were advocating the use of engineering thermoplastics in the product housings and mechanical assemblies in order to replace heavier and more expensive metal alloy castings. Through development, rapid prototyping and then prototype tooling we were able to provide Thales with trial assemblies in the intended production materials to verify the design. It was a logical step thereafter for KD to follow through and use its commercial supply network to provide the production tooling, plastics parts and assembly, enabling Thales to fulfill their customer's requirements on time and on budget. Crucially though, it was the ability to show the customer early on how the product would look, feel and perform in the users' hands, and to generate a sense of excitement and anticipation with a design that also expressed the product's unique lightweight yet robust qualities that helped seal the contract.

Looking forward, we see that the defence sector, like the medical sector, will increasingly recognise the opportunity to build greater value through earlier and more comprehensive industrial design input. At Kinneir Dufort many of our commercial sector projects start with a full research process whereby stakeholders may be engaged, where ideation sessions can create a multitude of new ideas and concepts. The design scope can embrace strategic portfolio development, the creation and re-positioning of brands, new product / service offerings, future trends, as well as exploration of manufacturing and material options.

In particular, the value of timely design related research in uncovering insights and behaviours should not be underestimated, as this is often the essential starting point for rapid concept creation (eg when coupled with fast track innovation processes like KD's *Momentum*<sup>TM</sup> ). Add to this KD's state of the art industrial design and integrated electronics and software development, plus on-site rapid prototyping and the ability to bring into play an experienced manufacturing supply network, and the value becomes even clearer.

## **L-3 Security and Detection Systems**

### **Stand: F100**

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For Immediate Release

### **L-3 eXaminer® 3DX-ES Explosives Detection System Receives New EU Standard 3 CEP Approval**

WOBURN, Mass., December 19, 2011 – L-3 Security & Detection Systems (SDS) announced today that its certified eXaminer® 3DX-ES explosives detection system (EDS) has passed the European Union Commission Regulation Standard 3 for EDS under the European Civil Aviation Conference (ECAC) Common Evaluation Process (CEP) of Security Equipment. The system was successfully tested by the Service Technique de l'Aviation Civile (STAC), the engineering department of France's aviation regulatory agency.

"We are pleased that the eXaminer 3DX-ES has joined the recently approved eXaminer SX and eXaminer XLB in achieving EU Standard 3 CEP approval," said Thomas M. Ripp, president of L-3 Security & Detection Systems. "Built on the proven eXaminer 3DX, this enhanced speed system inspects more than 750 bags per hour and is a low-risk, cost-effective solution to highspeed explosives detection for checked baggage screening."

Since 1998, L-3 SDS has used medical-grade imaging technology developed for aviation security with an understanding of the complex demands faced by airport personnel and regulatory agencies around the globe. More than 1,000 eXaminer systems have been procured by airports domestically and internationally and are supported by L-3's world-class service organization.

#### **About L-3 Security & Detection Systems**

With more than 50,000 systems deployed and supported around the globe, L-3 Security & Detection Systems (SDS) is a leading supplier of security screening solutions. For more than 30 years, L-3 SDS has developed and manufactured cutting-edge products using advanced technologies that include 3-D computed tomography; automated, conventional and high energy X-ray; active millimeter wave imaging; metal detection; and energetic trace explosives detection.

#### **News**

### **L-3 eXaminer® 3DX-ES Explosives Detection System Receives CEP Approval Page 2**

L-3 SDS solutions are used by the aviation and transportation industries, regulatory and customs authorities, government and law enforcement agencies, and commercial and other secure facilities. Applications include the screening of people, vehicles, baggage, cargo and packages for explosives, firearms, drugs, contraband and corporate assets. To learn more about L-3 SDS, please visit the company's website at [www.L-3com.com/sds](http://www.L-3com.com/sds).

## **About L-3 Communications**

Headquartered in New York City, L-3 Communications employs approximately 61,000 people worldwide and is a prime contractor in C3ISR (Command, Control, Communications, Intelligence, Surveillance and Reconnaissance) systems, aircraft modernization and maintenance, and government services. L-3 is also a leading provider of a broad range of electronic systems used on military and commercial platforms. The company reported 2010 sales of \$15.7 billion. To learn more about L-3, please visit the company's website at [www.L-3com.com](http://www.L-3com.com).

## **Safe Harbor Statement Under the Private Securities Litigation Reform Act of 1995**

Except for historical information contained herein, the matters set forth in this news release are forward-looking statements. Statements that are predictive in nature, that depend upon or refer to events or conditions or that include words such as "expects," "anticipates," "intends," "plans," "believes," "estimates," "will," "could" and similar expressions are forward-looking statements. The forward-looking statements set forth above involve a number of risks and uncertainties that could cause actual results to differ materially from any such statement, including the risks and uncertainties discussed in the company's Safe Harbor Compliance Statement for Forward-Looking Statements included in the company's recent filings, including Forms 10-K and 10-Q, with the Securities and Exchange Commission. The forward-looking statements speak only as of the date made, and the company undertakes no obligation to update these forward-looking statements.

###

**Lemo UK Ltd.**

**Stand: E120**

**LEMO wins the battle over MIL 38999 on space-saving and contact density!**

**with M Series range of triple-start micro connectors.**

*For designers of man-portable, vehicle-mounted and aerospace electronics, the M-SERIES is the smallest multi-pin, fully shielded, vibration-secure and sealed connector available offering a lightweight, 'one-grip' screw-lock connection with high pin-count density, 360° EMI protection, and LEMO rugged quality.*

For many of these military and aerospace applications, designers first seek MIL 38999 series connectors but when space is at a premium they need a smaller, higher contact density solution and the connector size becomes critical.

LEMO M-Series is made of high-strength aluminium and incorporates a triple start fast-locking ratchet mechanism, which enables quick and secure coupling of the connector for use in high vibration and harsh environments, The M Series connector is one of the lightest and most compact connectors of the Lemo product range providing a significant size and weight advantage over MIL-38999 connectors as well as over other micro circular connectors.

Typically a MIL spec 9-35 grounded plug with 6 contacts (for 22AWG max wires) has a diameter of 21 mm, length of 31 mm and takes a M12x1 backshell thread. The LEMO 1M fully shielded plug has up to 8 contacts (for 22AWG max wires), diameter of only 14.6mm and length 26.4mm, with optional M12x1 backshell thread. However the LEMO 1M is also available with integral backshell negating the need for the additional size and weight of a MIL backshell.

Smaller than the Mighty Mouse™, with size 0M having a diameter of only 13mm, the M Series connector has two outer shell styles: arctic grip or knurled outer shell. The arctic grip makes it easy to manipulate while wearing gloves or when the connector is located in an area which is difficult to access, whilst the knurled grip option minimises the plug outer diameter for applications where size and/or weight are critical.

Better than Double Density™ contacts, for example with 114 contacts in a 34mm diameter shell, the short flange to pcb distance on pcb panel mount housings also provides the opportunity for much smaller enclosure sizes in comparison to other miniature military connectors, potentially leading to very significant savings in equipment weight and cost.

Typically the M Series flange to pcb depth is 10mm less than for an equivalent MIL38999 pcb mount jam nut receptacle, and the watertight (unmated) model is potted and has pcb mounting legs to add much greater stability to the whole assembly.

Designed for use in harsh environments, the scoop-proof M Series connectors have been subjected to the full range of MIL tests including vibration, gunfire, shock, altitude, lightning, temperature, immersion, sand and dust and chemical and flammability tests, clearly demonstrating capability of the range to handle typical environments experienced in defence applications.

The range of M Series connectors has been expanded and now includes sizes 0, 1, 2, 3, TM, 4, LM and 5 equivalent to MIL shell sizes from below 8 to just under size 23 though with higher contact densities. Models available include fully grounded plugs, wall mount receptacles with square flange, jam nut receptacles, bulkhead receptacles and a range of caps to suit. Options for cable attachment include integral tie-wrap or overmould back ends, or alternatively screw threads for the fitting of standard MIL 38999 backshells.

The M series connector is available with a wide range of contact configurations, with multiple keys for ease of blind mating and 5 keyway options, two of which are reverse gender.

Precision machined gold-plated LEMO contacts are at the heart of all LEMO connectors, with the special internal spring arrangement providing high contact ratings and excellent reliability and resistance to vibration and shock. Crimp contacts are offered as standard, except on potted panel mount connectors, with contact ratings up to 10A continuous on all contacts together.

Reduced crimp barrel contacts are also available so that designers can take advantage of the lowest wire gauges for signal applications down to 32AWG thereby further reducing overall weight of equipment.

The M series is designed for use in military applications such as soldier-mounted audio video and data communications, aircraft communications systems, navigation systems, land vehicle systems, surveillance equipment and UAV's, UUV's & other robotic equipment , wherever the environmental conditions require rugged and reliable connections. It is also finding success in other demanding environments such as motorsport.

The M series are identified with a laser engraved part number and production batch number to ensure full traceability from raw materials to delivered product, with many options held in stock. Cable termination service is also offered from our UK site for a complete service.

For more information on LEMO M Series triple-start circular connectors contact LEMO UK on 01903 234543, [uksales@lemo.com](mailto:uksales@lemo.com) or visit us on stand number E-120

*Higher resolution photos available on request – contact [aculley@lemo.com](mailto:aculley@lemo.com)*

**LiFeBATT Ltd**

**Stand: H88**

LiFeBATT Limited is now fitting their high quality battery systems into durable Peli Protector Cases with Military grade EMC tested BMS.

LiFeBATT Ltd. is Europe's primary supplier of Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery systems. With the release of our second generation cell technology we are able to offer both Energy & Power Type LiFePO<sub>4</sub> cells; combined with our proven cell management, Military grade CAN & SMBus BMS communication this adaptable battery system ensures that our product meets the ever demanding safety and performance criteria of military markets.

LiFeBATT Ltd.'s lightweight battery systems are now available fitted to Peli Protector Cases. These tough protector cases allow their battery modules to be completely adaptable and easily portable. These modules feature a full battery management system including cell balance and short circuit protection; they are truly a straight forward replacement for heavy lead acid batteries. They are available in 12V, 24V, 36V and 48V variants, with C1 capacities of 8Ah to 90Ah and charge times of less than an hour are possible too. Bespoke systems up to 700V & 10,000Ah are possible with our scalable architecture.

Our modules are suitable for all mobile military applications; and due to the cells adaptability bespoke designs can be configured to meet a customer's specific voltage and capacity requirements and still communicate with the appliance to deliver high current and power.

For further information please contact:

Email: [info@lifebatt.co.uk](mailto:info@lifebatt.co.uk)

Telephone: +44 (0) 1702 527883

## **Lista UK**

### **Stand: D73**

#### **Military storage matched to your mission**

Supply is pivotal, availability a must, the deployment of tanks, anti-aircraft ordnance, transmitter trucks, transport lorries, naval vessels and other vehicles calls for carefully planned logistics. Fuels, lubricants, tools and spare parts must be ready and waiting in the right place at the right time. Our mission is to help the military meet those challenges with flexible and efficient storage strategies and solutions that ensure a more productive and secure fighting force.

Lista workspace systems are a key component in keeping the military operating at maximum efficiency. With our wide range of workspace solutions, and modular building block approach, Lista completely and specifically addresses the unique needs of military applications with a comprehensive range of products.

Lista's storage solutions optimise the use of space, whether it is a logistic formation, support container, mobile office, or a maintenance workshop.

Lista works closely with customers to select the optimal storage solutions to help maintain the military tempo. Our extensive range of products help to support troops around the world by keeping supplies at hand, increasing work efficiency and improving combat readiness. In turn military operations become more efficient, more organised and make better use of available storage space.

#### **Ready for action**

From humanitarian aid to defence, from air space control to terrorism prevention, the challenges facing military units are varied, multi-layered and extremely complex.

Supply reliability is essential for all missions carried out by land, sea or air. Whether stationary or mobile, planned or unexpected, Lista knows what is needed. After all, we have devoted ourselves to designing functional workspaces and storage areas for over 60 years, and we pay attention to detail, whilst working closely with the customer.

#### **Lista products**

- Storage solutions
- Workbenches
- Tool rooms/ stores
- Issue counters
- Mobility
- Management & admin areas
- ESD capabilities
- Central shipping & receiving

#### **Key benefits**

- Rugged and durable
- Customisable
- Modular & flexible
- Maximises available space
- In use with NATO Forces

MOWAG Support Container  
Containerised Drawer Storage Wall  
German Army Extendable Container

Lista is the guarantee for the space-saving and clearly arranged storage of tools, spare parts, electric components, electronic modules, testing kits and maintenance material. Our solutions ensure not only rapid access to what is required, but also simple access control.

Troops have to take along everything required on the spot and immediately to fulfil a mission: Mobile workshops, mobile spare parts stores and practically as well as functionally equipped shelters on trucks.

More and more, ready equipped containers are being used as workshops and spare parts stores. This is to facilitate the relocation of whole spare parts stores with a minimum of trouble, ready for deployment and recovery, where the support is required. Modularity, flexibility, good order and rapid access, everything is where it is required.

#### **Lista: wherever duty calls**

Lista has long partnered with the military in developing and delivering innovative solutions for ever-changing storage needs. We commit substantial engineering resources solely to the military market and our products offer modularity, quality system design and robustness. These key features of Lista products result from many years of experience, sophisticated concepts and innovative ideas; matched with a 10 year guarantee. We effectively profile individual military installations to best identify and address our customers' storage needs. As all military branches strive to forge a more transformable fighting force, Lista stands ready to deliver storage solutions that combine maximum security with operational readiness for any deployment scenario.

**For more information call Lista (UK) Ltd on +44 (0) 1908 222333 or visit our website at [lista.co.uk](http://lista.co.uk)**  
PATRIA Support Container KMW Extendable Container

## LYYN

### Stand: 189

Press release Nov 17, 2011

#### **ENHANCED VISION IN BIRMINGHAM WITH LYYN**

LYYN Ltd (part of the LYYN AB of Lund Sweden), has recently delivered its first real time video enhancement unit (Hawk Portable) to Birmingham City Council. The LYYN Hawk Portable unit can be connected to any one of Birmingham City Councils' vast array of different CCTV cameras that are used throughout the city and its boundaries. The Hawk unit can be easily relocated and installed into any one of Birmingham City Councils main control rooms or even utilised externally in mobile CCTV applications.

Birmingham City Council has always been proactive in seeking leading edge technology that has obvious benefits to the people & businesses of Birmingham, The LYYN Hawk Portable unit enhances vision and thereby enhances protection & safety, making the operators decision processes that bit quicker and more accurate when poor lighting or poor weather conditions prevail.

Following a one month trial at Birmingham City Council the Hawk Portable had made a significant improvement to real time video in poor light and rainy conditions. So the first unit was bought from LYYN. In the coming months (Autumn/Winter) the Hawk unit will have many more opportunities as the weather in the UK gets progressively worse. "We purchased the LYYN unit because we were impressed with the enhanced images it was able to achieve in poor lighting and weather conditions" said Peter Ryans of Birmingham City Council.

"This is a very significant and very important order for us in the UK's surveillance market and we hope that by working together with partners like Birmingham City Council Lyyn Ltd will be able to demonstrate and show added value to many other new customers in similar vertical markets" said Bengt Sahlberg, President of LYYN.

LYYN Ltd is part of LYYN AB, which is a Swedish company working with image enhancement for real-time video. Behind the company's technology lies many years of research in the human vision system and image technologies. LYYN offers products and solutions based on a technical platform, V.E.T. - Visibility Enhancement Technology. The platform works with video from common colour cameras, in real time, but also in post processing of stored material. V.E.T. improves visibility in; fog, snow, rain, fog, sand-storms, dust, darkness and underwater too.

For more information contact:

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Or

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## **Microwave amps**

### **Stand: H194**

**Microwave Amplifiers Ltd, Nailsea, Press Release 15<sup>th</sup> February, 2012:**

#### **100W all the way for Jamming**

Building on the advancements made in Semiconductor device technology, Microwave Amplifiers is proud to launch a Gallium Nitride, 100W, Wideband, 2 – 6GHz amplifier module. With this new addition to the wideband GaN family of products, we are now able to offer 100W across the frequency band 20MHz to 6GHz in only 3 modules.

The main target for this type of module is the Electronic Counter Measures (ECM), and Jamming markets. This sector continues to grow and develop rapidly across the world, as the threat of global terrorism continues to be very real.

In the US it is estimated that \$24.6 billion will be spent on the development and production of major EW programs over the next 10 years. Some 35,702 electronic countermeasures (ECM), radar warning receivers (RWRs), electronic support measures (ESM), and other EW systems will be produced from 2011-2020.<sup>1</sup>

The New 100W capability allows ECM and Jamming system designers greater flexibility when specifying the requirements of their systems. The obvious advantage is the higher power which offers extended operational range to any system, but also the fact this is coming from a single module, which allows a more compact system to be designed.

Working off a 28V supply, with inbuilt DC protection circuitry, over temperature and full reverse RF power protection, as well as being housed in a ruggedised aluminium housing, these amplifier modules are built to withstand the harshest of treatment.

Other applications this family of products can be used for include, RADAR, High Energy Physics, and Test & Measurement.

More information can be found on our website at:

<http://microwaveamps.co.uk/wideband-gan-ecm.html>

Call us on +44 (0) 1275 853 196

Or email [sales@maltd.com](mailto:sales@maltd.com)

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<sup>1</sup> <http://www.forecastinternational.com/press/release.cfm?article=222>

**Mobile Mark Europe Ltd**

**Stand: H74**

**MOBILE MARK OFFERS ANTENNA SOLUTIONS FOR MILITARY APPLICATIONS**

Mobile Marks quality range of Antennas now includes a dedicated series for Military Wireless frequency networks from 1300MHz – 1500MHz. Available in standard Black or White and now also in a range of Olive and Sand Military colours – ideal for out in the field camouflage requirements.

Developed, manufactured and tested in-house, these rugged body mount antennas offer maximum performance in just a 76mm H x 43mm Diameter radome – perfect when space is an issue. Simple to install with an integral N connector or with a pigtail cable terminated with your specified connector and with longer extensions if required.

The RMM series radome is made from ASA plastic which will not become brittle after exposure to UV rays and incorporates a heavy duty metal base and threaded stud. Tested to a series of shock and vibration standards, including IP67 water ingress and MIL-810G shock and vibration, these are ideal for difficult and challenging environments.

Our Engineers understand Military requirements and often have the flexibility to customize products to your specific requirements. Mobile Mark appreciates that Military specifications are different so we also offer other concepts such as body worn patch antennas, Omni-Directional site antennas and covert slim line antennas for most wireless applications from 700MHz to 6GHz.

For further information on Military or any other antennas, please contact the MME Sales team on +44 (0)1543 878343 or [sales@mobilemarkeurope.co.uk](mailto:sales@mobilemarkeurope.co.uk) or you will find us at [www.moblemark.com](http://www.moblemark.com)

**Morse Watchmans Inc.**

**Stand: I41**

**Morse Watchmans KeyWatcher Product Description**

KeyWatcher® from Morse Watchmans, is a full-featured key management and control system that helps enable facility management to provide a safer and more secure environment for building occupants and visitors. With the KeyWatcher system, only pre-authorized users can access keys from the tamper-resistant cabinet and all transactions are recorded so that management has an audit trail of who accessed which key and when.

KeyWatcher systems are engineered for complete interactivity with other business systems such as access control, to enable a layered security strategy. The system has a built-in RS-232 communications port for direct connectivity to printers or other devices, or networked connectivity via Ethernet.

The fully scalable KeyWatcher system provides maximum storage over minimal wall space, and its modular design allows users to configure each unit to meet the specific needs of their application. A number of different modules are available, including credit card holders and lockers for cellular phones, weapons or other items that need to be accounted for and secured when not in use.

**For more information visit [www.morsewatchmans.com](http://www.morsewatchmans.com), email [morse@morsewatchman.com](mailto:morse@morsewatchman.com) or call 800-423-8256.**

XXX

## **Pensher Skytech**

### **Stand: G97**

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FOR IMMEDIATE RELEASE

### **ARCHITECTS INTEGRATE COUNTER TERRORISM MEASURES WITH INNOVATIVE BUILDING DESIGN**

As part of the Home Office CONTEST strategy, counter terror measures are vital in new buildings to mitigate the impact of terrorist attacks

As part of the Home Office CONTEST strategy, architects and engineers are implementing counter terror measures in building design to mitigate the impact of a terrorist attack. Consequently, significant consideration is being given to reducing this threat to the public without compromising the building design and causing public unease.

CONTEST, the UK's counter terror strategy is centred upon four principle initiatives: pursue, protect, prevent and prepare. The 'prepare' principal is focused upon improving preparedness for high impact risks. Where a terrorist attack cannot be prevented, the impact of the attack can be mitigated if the correct preparatory measures are in place. The government commissioned a review of the UK's preparedness for terrorist attacks and the findings identified the requirement for building design to incorporate counter terrorism protective security.

Consequently, architects and engineers are facing new challenges to create original, attractive design while implementing counter terrorism measures. The requirement for public buildings to be structurally secure in the event of a terrorist attack is imperative to protect the public. However, this must be achieved without sacrificing design innovation and creating a 'bunker' mentality.

The use of glass facades in public buildings is a popular choice for architects because it creates light and a sense of openness. However, up to 95% of all injuries resulting from bomb blast are caused by flying or falling glass. Matthew Butchard, technical director of Pensher Skytech, explains "once an explosive device is detonated, a pressure wave is produced which can propagate for great distances affecting not only the targeted building but the entire surrounding area. As a result, glass facades of neighbouring buildings shatter and the projected glass fragments cause the public serious injury."

Home Office Scientific Development Branch (HOSDB) has developed guidance notes on the use of glazing enhancements to reduce potential hazards. HOSDB recommend the use of blast resistant glazing in conjunction with enhanced frames. The purpose of this glazing enhancement is to hold the glass in one piece and retain it within the frame thus preventing flying debris. Butchard advises, "It is critical to assess building design holistically to provide a complete solution. Once an explosion is detonated, if blast resistant glass is fitted into a non-enhanced frame, the glass will remain intact but become a projectile due to the frame being unable to hold the glass under blast pressures."

"The development of blast resistant technology should not prohibit building design but enable architects and engineers to work together to create a public space that is both aesthetically pleasing and prepared for a terrorist attack."

Pensher Skytech provides specialist blast, ballistic, fire and forced entry resistant products. They design and manufacture doors, windows, screens and curtain walling to resist attack without comprising aesthetics.

If you would like more information about blast protection or to schedule an interview with Matthew Butchard, please call Fiona Hamilton at 0191 250 0113 or e-mail [fiona.hamilton@pensher-skytech.co.uk](mailto:fiona.hamilton@pensher-skytech.co.uk)

## **Primetake Ltd**

### **Stand: H80**

News - January 2012

#### **Primetake announce new partnership for supply of distraction grenades**

The New Year has brought in a new strategic partnership for Primetake and an exciting new Distraction Grenade to add to our product range.

Thomas Lowe Defence Ltd (TLD) has developed a product range with a clear objective:

“Design & produce a cost effective, safer, more versatile distraction device solution for government tactical teams than is currently available in the market today”.

This has been achieved and surpassed.

As the leading supplier of distraction grenades in the U.K. Primetake will continue to offer the best in performance, innovation, flexibility and cost.

Below is a summary of the key features that have all enabled this improvement in performance and safety whilst also reducing the cost.

- Ergonomically designed radial blast device with anti-roll feature –that gives full sound, light and pressure wave in 360° of operation. Radial blast eliminates movement of the device on detonation, no directional flame or pressure.
- Extremely safe and reliable compared to other pyrotechnic devices with low fire and projectile risk as independently verified by Cranfield University at the Defence Academy of the United Kingdom.
- Can be reloaded up to 100 times with either training or operational cartridges for very low cost & effective training / operation. Gives huge savings over existing devices without compromising performance, but with increased safety.
- Multi bang options & capability - with the use of either GR60 which gives up to 3 seconds and 3 bangs, or multiple GR20's with multi bang base adaptors allowing a number of devices to be joined to each other and used as a 2 second up to 1-minute multi bang diversionary device.
- Equipped with an accessory attachment point for bang poles, glass breaker, magnetic base and door mine plate. Available with manual or command wire activation.

Demonstrations are available upon request for a 'try before you buy'. The sales teams are happy to offer this option either at Primetake or at your location so that the end users as well as the decision makers can all see the advantages of the product range over anything currently offered on the market.

To arrange an appointment please contact Emanuel Henriques on:

Tel: 01522 752323

Direct Dial: 01522 596440

Email: [emanuel.henriques@primetake.com](mailto:emanuel.henriques@primetake.com)

## Procter Fencing Systems

### Stand: E16

14 November 2011

#### COMPANY NEWS

##### *See Procter Fencing Systems at Counter Terror Expo 2012*

Procter Fencing Systems will be on Stand E160 at the Counter Terror Expo 2012, which takes place at London's Olympia on 25/26 April 2012. With over 100 years' experience in fencing and gates, Procter Fencing Systems possesses unrivalled expertise in the design, manufacture and installation of high-security perimeter fencing and gates, together with associated access controls, electric pulse systems and sophisticated monitoring systems.

**Caption:** Procter Fencing Systems will be on Stand E160 at the Counter Terror Expo 2012, which takes place at London's Olympia on 25/26 April 2011.

##### **See Procter Fencing Systems at Counter Terror Expo 2011**

Procter Fencing Systems will be on Stand E160 at the Counter Terror Expo 2012, which takes place at London's Olympia on 25/26 April 2012. With over 100 years' experience in fencing and gates, Procter Fencing Systems possesses unrivalled expertise in the design, manufacture and installation of high-security perimeter fencing and gates, together with associated access controls, electric pulse systems and sophisticated monitoring systems.

Visitors to Stand E160 can find out about Procter Fencing Systems' capability for providing complete perimeter security, including fencing, gates, access controls, electric pulse systems, intruder detection systems and additional security measures. Examples of various products will be available on the stand, such as Procter Pro-Mesh high-security welded mesh panel fencing, high-security palisade and other designs of weldmesh fencing. In addition, the company will be exhibiting its comprehensive yet competitively priced Pro-Glide powered sliding gates, as well as powered and manually operated swing gates.

As an authorised installer of the Harper Chalice PulseSecure and PulseSecure PROTECTOR systems, Procter Fencing Systems will be displaying these two alternative electric pulse systems that are suitable for installing on new fences or retrofitting to existing fences, together with the Harper Chalice FenceSecure fence-mounted perimeter intrusion detection system (PIDS). Procter Fencing Systems, which is a *Secured by Design* Licence Holder, also supplies and installs acoustic and radar cables, infrared detection, virtual fences and CCTV, and the company's supply and installation services are backed up by full technical support and site surveys.

Fencing experts will be on hand at CT Expo to discuss visitors' requirements for particular sites and for protecting against diverse risks. Although fencing may seem to be straightforward, it is a complex matter to specify the optimum package of fencing, gates and associated security measures in order to provide the right level of perimeter security without being prohibitively expensive. Procter Fencing Systems can help here, drawing on its broad experience of supplying and installing perimeter security for airports, ports, prisons, utilities, military establishments, government premises and other areas with high threat levels.

Visitors to Procter's stand at CT Expo can also request a CD containing the Procter Fencing Systems 'Guide to High-Security Perimeter Protection', a software-based 'Fencing Selector' and two White Papers entitled 'Safety requirements for powered sliding gates' and 'How to specify sliding gates'.

Visit Procter Fencing Systems on Stand E160 at the Counter Terror Expo 2012 to request a CD or to discuss any requirements for high-security perimeter protection (visitors are encouraged to

preregister for the event due to the strict admission policy). Alternatively, telephone 02920 855756, email [CTX@procterfencing.co.uk](mailto:CTX@procterfencing.co.uk) or visit the website at [www.fencing-systems.co.uk](http://www.fencing-systems.co.uk).

**-Ends-**

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**Note to editors**

**Procter Fencing Systems** is one of the UK's leading specialist manufacturers of fencing, railings and gates. From its sites in Leeds, South Wales and South-East England, Procter Fencing Systems offers a comprehensive service to survey, design, manufacture and install fencing and gates nationwide. All products are designed in accordance with the requirements of ISO 9001 and all meet the appropriate health and safety standards. Procter Fencing Systems is an accredited installer under the *Secured by Design* scheme.

**Issued by:**

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**Scanna MSC Ltd.**

**Stand: D170**

### **Scanna launches new FlexRay large area x-ray image plates and mounting system**

Scanna portable CR x-ray systems are now available with longer length digital x-ray image plates that give you the ability to examine large objects or surface areas in a single x-ray shot, reducing your returns to the target area and ultimately your time on task.

These larger x-ray image plates come in standard sizes of 35 x 90 cm and 35 cm x 130 cm and can be deployed in multiples using the Flexray image plate mounting kit to check areas of almost 2 sqm in a single x-ray shot. The resulting x-ray images can then be stitched into a single large image using Scanna's Scanview x-ray imaging software.

The Flexray kit can fix two or more plates together in a variety of different configurations depending on the size of the area needing investigation and the specifics of the task.

Flexray image plate kits include velcro fastenings, guy ropes, eyelet, suction cups giving you the flexibility to freestand or hang your image plates behind the target or to directly attach them to the area of interest.

Applications include:

- Wall examination/building protection
- Vehicle Panel Inspection for hidden contraband
- Fuel tank inspection
- Pipe inspection
- Large suitcase or parcel investigation
- Large UXO inspection
- Weapons Exploitation

For more information please contact: Kirstine Wilson on [kirstine@scanna-msc.com](mailto:kirstine@scanna-msc.com)  
www.scanna-msc.com + 44 207 355 355

**Security Blinds Ltd.**

**Stand: 199**

Eruma plc / Index: AIM / Ticker: ERU / Sector: Support Services

18 May 2011

**Eruma plc ('Eruma' or 'the Company')**

**£400,000 Contract Win with Major UK Financial Institution**

Eruma plc, the AIM traded specialist provider of counter terrorism, intruder prevention products and intelligent lighting, has won a contract valued at circa £400,000 through its security blinds division ('Security Blinds'), with a major UK financial institution.

Under the terms of the contract, Eruma will install its proprietary security blind products to provide increased protection against attack at several landmark buildings across London. The contract, which exceeds £400,000, is the latest in a series of orders from this organisation satisfied over recent years. Completion of the contract is expected in the third quarter of 2011.

Eruma Chief Executive, Wayne Money, said, "This contract enhances Security Blinds reputation in its protection of people and assets. The client has used our products in a number of locations over the last five years, but this is of a significantly larger scale than anything previously."

**\*\*ENDS\*\***

For further information please visit [www.erumapl.com](http://www.erumapl.com) or contact:-

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Elisabeth Cowell St Brides Media & Finance Ltd Tel: +44 (0)20 7236 1177

**Notes**

Incorporated in March 2005 and listed on AIM, Eruma plc has two divisions – Security Blinds and Illuminex.

Security Blinds is a leading manufacturer of physical security and protection systems in the UK. Servicing both the public and commercial sectors, the patented Secur™ system provides clients with protection against theft and forced entry. It also gives businesses and institutions the opportunity to take proactive steps to address the modern threat of terrorism having met stringent testing requirements to win endorsement by the Home Office, Association of Chief Police Officers, leading banks, and local authorities through its ability to protect people, property and equipment from bomb blasts. Additionally, Security Blinds produces the Anti Ram Raid Gate, which protects roller-shutters against ramming vehicles and forced entry by jacks or angle grinders.

Illuminex is a supplier and distributor of intelligent lighting systems, providing superior performance whilst reducing costs to businesses through reductions in energy consumption and maintenance overhead. Through using its systems, an organisation's environmental impact and carbon footprint can be significantly reduced, enabling them to seek government funding and loans to implement these solutions.

**Security Blinds Ltd.**

**Stand: I99**

Eruma plc / Index: AIM / Ticker: ERU / Sector: Support Services  
24 May 2011

**Eruma plc ('Eruma' or 'the Company')**

**£1.1 Million Contract Win with a Foreign Government Embassy**

Eruma plc, the AIM traded specialist provider of counter terrorism, intruder prevention products and intelligent lighting, has, through its security blinds division ('Security Blinds'), won a £1,133,000 contract to install its Secur™ range of security blinds at a London based Foreign Government Embassy.

Under the terms of the contract, Eruma will provide the Embassy with high level security through the installation of its proprietary security blinds in over 500 windows. It is anticipated that over 90% of the installation will be complete by the end of 2011 which will generate approximately £1 million of revenue for this year for Eruma.

Eruma Chief Executive Wayne Money said, "This contract represents one of the most significant contracts to be gained by the Company and was won after many months of evaluation, conceptual design, and proof of suitability to meet the stringent criteria demanded by the client. This prestigious and high value contract highlights Security Blinds' increasing reputation across the international counter terrorist arena and will, we hope, be followed by other similar contracts as our products become more widely recognised."

**\*\*ENDS\*\***

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**Security Blinds Ltd.**

**Stand: 199**

Eruma plc / Index: AIM / Ticker: ERU / Sector: Support Services

18 January 2012

**Eruma plc ('Eruma' or 'the Company')**

**Agreement with Mixpole to Introduce Secur™ Products to South Korean Market**

Eruma plc, the AIM traded specialist provider of counter terrorism, intruder prevention products and intelligent lighting, has signed an agreement with Mixpole Co., Ltd ('Mixpole'), a South Korean security solution provider. Under the terms of the agreement, Mixpole will become the Company's exclusive agent in South Korea, marketing Eruma's Secur™ range of security blinds to a diverse range of sectors in the country. As part of the agreement, Mixpole has paid the Company a fee of \$75,000 to secure this arrangement.

Mixpole has operated in the South Korean security and surveillance sector for the past 10 years, during which time it has gained almost 400 partners nationwide, covering the government, law enforcement, retail, corporate, construction and hospitality arenas. The strong business relationship between the EU and South Korea is underpinned by the 2009 Fair Trade Agreement which provides a highly conducive environment for commerce.

The market for impenetrable and blast-proof solutions is increasing in South Korea. This is due to a range of factors including the ongoing security risk from North Korea and the range of various internationally renowned events which will be held in the country over the coming years. With this in mind, Secur™ range of security blinds will target the South Korean Business2Government, Business2Business and the increasing Business2Consumer market.

Eruma Chief Executive Wayne Money said, "South Korea is one of the G20 major economies and one of the fastest growing developed countries. This is our first country specific partnership focussed on promoting Secur™ abroad and we are delighted to be working with Mixpole, a leading and award winning supplier of security technology and solutions in South Korea. Having successfully marketed a range of security solutions over the past 10 years, Mixpole has built a broad network of clients and partners who will benefit from our innovative Security Blinds and we look forward to building a presence in this exciting market."

Mixpole Chief Executive Jedeok Song said, "We are excited to introduce Security Blinds' products in South Korea. Many of the existing products in the market are focused on securing evidence after a security risk has occurred but we strongly believe that Security Blinds products will prevent criminal activity and successfully mitigate threats from bombs.

We have a decade of experience in distributing security solutions across a range of sectors and we are confident that this will enable Mixpole to remain a leading provider of integrated security solutions."

**\*\*ENDS\*\***

For further information please visit [www.erumapl.com](http://www.erumapl.com) or contact:-

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**Security Blinds Ltd.**

**Stand: 199**

Eruma plc / Index: AIM / Ticker: ERU / Sector: Support Services  
23 Jan 2012

**Eruma plc ('Eruma' or 'the Company') Contract Win in the Middle East in Yemen**

Eruma plc, the AIM traded specialist provider of counter terrorism, intruder prevention products and intelligent lighting, is pleased to announce that it has won a c. US\$270,000 contract to install its Secur™ range of security blinds at a major international Non Government Organisation ('NGO') in Yemen.

Under the terms of the contract, agreed through its security blinds division ('Security Blinds'), Eruma will provide high level security through the installation of its proprietary security blinds throughout the international development agency's office building in Yemen. The contract stipulates that the system must withstand extreme pressure to protect the windows, and was won in a tender situation against some significant security companies.

It is anticipated that the installation, which will be undertaken by Eruma, will be completed in the first half of 2012. The Secur™ product is an ideal solution for counter terrorism due to the high level of protection it provides buildings to mitigate the effects of a bomb blast.

In addition to protecting the windows themselves, the occupants and contents, Secur™ is also effective against intruders.

Eruma Chief Executive Wayne Money said, "Working with this prestigious international development agency highlights Security Blinds' increasing reputation across the international counter terrorist arena. We are already working within two other areas with this same NGO and hope that this agreement will pave the way for similar contracts in other countries with difficult security environments. Finalising this contract is a great way to start the year; with a strong pipeline we are confident that it will be the first of many."

**\*\*ENDS\*\***

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Eruma plc is an AIM traded specialist provider of counter terrorism, intruder prevention products and intelligent lighting. It has two divisions:

- Security Blinds - a leading manufacturer of physical security and protection systems in the UK. Servicing both the public and commercial sectors, the patented Secur™ system provides clients with protection against theft and forced entry. It also gives businesses and institutions the opportunity to take proactive steps to address the modern threat of terrorism having met stringent testing requirements to win endorsement by the Home Office, Association of Chief Police Officers, leading

banks, and local authorities through its ability to protect people, property and equipment from bomb blasts.

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**SELECTAGLAZE LIMITED**

**Stand: H82**

**SELECTAGLAZE – SECURE SECONDARY GLAZING SYSTEMS**

Windows are normally seen as ‘soft targets’ for intruders and, if subjected to a blast attack glass will shatter into a multitude of shards leading to personal injury and destruction of equipment and services. Critical government and commercial buildings are encouraged to improve protection levels and retrofitted secondary glazing can provide this without altering the windows. It is discrete, applied only to areas at risk, and being demountable is acceptable to heritage consultants.

Founded in 1966 and a Royal Warrant Holder since 2004, Selectaglaze is the acknowledged specialist and market leader in the design, manufacture and installation of secondary glazing systems.

Selectaglaze systems are the only ones accredited to the Secured by Design initiative and have been tested for attack resistance by the Loss Prevention Certification Board and for blast resistance at Advantica’s blast range. The products are extensively used by Government agencies and private clients.

Tel: 01727 837271/[enquiries@selectaglaze.co.uk](mailto:enquiries@selectaglaze.co.uk) or visit: [www.selectaglaze.co.uk](http://www.selectaglaze.co.uk)

**Southwest Microwave Ltd.**

**Stand: D106**

**For Immediate Release**

**For further information, contact:**

**Maira Zanrosso, Director of Marketing +1 480 783 0201 x 356**

### **Open-architecture system from Southwest Microwave enhances flexibility of PIDS solutions**

**October 5, 2011 - Worcestershire, UK** - Southwest Microwave expands the roll-out of its latest-generation INTREPID™ intelligent perimeter detection sensors across Europe. With new-generation INTREPID™ sensors, systems integrators and end-users now have an integrated, multi-technology solution to mitigate the risk of intrusion and harm to critical infrastructure, high value assets and personnel in security-sensitive sectors.

The system, which provides fence, buried cable and digital microwave protection alternatives, couples performance enhancements to Southwest Microwave's field-proven INTREPID™ intelligent detection technologies with the simplicity of single-platform networking.

"What has differentiated Southwest Microwave over the last 40 years is not simply the precision and reliability of our systems, but that our solutions are engineered around the needs of our users," explained Martin Lomberg, Southwest Microwave's European General Manager.

Designed to reduce the cost and complexity associated with systems integration when site characteristics or security level require deployment of layered detection technologies, new-generation INTREPID™ is the latest reflection of Southwest Microwave's customer-centred philosophy.

"Integration of all elements of a perimeter security programme has been no simple task for the installer or the end-user," said Lomberg. "With cut/climb, covert and microwave detection options, the INTREPID™ system is versatile enough to address a broad range of protection challenges. And by deploying these solutions on a single network platform, users can easily and cost-effectively protect each portion of the perimeter with an optimal sensor for that location."

The INTREPID™ MicroPoint™ II fence detection sensor and MicroTrack™ II buried cable detection sensor offer unique detection capabilities to protect even the highest security sites - including precise location of intrusion attempts to 3 metres and uniform detection across the coverage area, regardless of fence condition or site terrain. Software-based zone assignment with tie-in to CCTV presets allows precise, immediate alarm assessment from the convenience of the control room. These sensors also solve environmental nuisance alarm problems common to other sensors by successfully discriminating between legitimate attacks and harmless disturbances.

The all-weather, K-band INTREPID™ MicroWave 330 digital microwave link, with a 244-metre detection range, six field-selectable modulation channels and microwave path monitoring for signal changes, protects open areas, gates, entryways, rooftops and walls. For unparalleled configuration and operating convenience, new-generation INTREPID™ sensors employ a common communications protocol, universal set-up software and system controllers with multi-language capabilities, integrated I/O modules and a broad input voltage range.

INTREPID™ sensors are seamlessly networked via RS422 serial data interface. Network architecture guarantees alarm delivery time and can be structured in a variety of configurations to best address network size and reporting requirements.

A third-party SDK is available to integrate new-generation INTREPID™ sensors into custom control applications. Additional system control options offer scalable security management solutions for virtually any site parameters. Set up of the system is simplified with a universal installation / service tool which features sensor auto-discovery, guided navigation and forward propagation for single step, multi-sensor zone configuration. An integrated global language function supports operation in the language of choice.

“Our goal is to provide our customers with seamless, flexible solutions for their complete perimeter detection and security management needs, minus the challenges traditionally associated with integrating multiple technologies,” Lomborg said. “Our new-generation INTREPID™ fulfills a distinct need in the PIDS arena.”

Southwest Microwave has been a trusted global supplier of perimeter detection technologies since 1971. For more information about new-generation INTREPID™ technologies, visit Southwest Microwave at **Counter Terror Expo stand D106** or online at [www.southwestmicrowave.com/intrepid](http://www.southwestmicrowave.com/intrepid).

Image: INTREPID\_sensor\_suite.jpg

05/10/11

## **Steatite Ltd**

### **Stand: H170**

#### **Steatite Announce the acquisition of *Blazepoint Ltd Assets***

Steatite is pleased to announce that its parent company Solid State PLC, has acquired the assets of *Blazepoint Ltd*, an established supplier of Rugged Mobile Computing Platforms and Hand Held devices to the commercial and military marketplace worldwide.

Blazepoint has previously built a strong reputation for developing Ruggedized Mobile Solutions to meet demanding applications in both the commercial and military market spaces, it is also known extensively for its “*ndura rugged*” mobile platforms and this brand will continue to afford clients robust mobile computing solutions.

Now trading as **STEATITE BLAZEPOINT**, the company sits under the Steatite arm of Solid State PLC. Steatite itself has built a strong reputation for supplying computing platforms to be used in harsh environments in both commercial and military applications and the addition of Steatite Blazepoint enhances this capability with their extensive knowledge of robust Mobile Computing Platforms.

*“Our goal is to enhance and develop our products, capabilities, services and support within Steatite Blazepoint and work with existing and new clients to supply robust mobile computing solutions that exceed expectations.”* Mike Mountfield, Sales Director for Steatite.

Steatite Blazepoint boasts an impressive in-house product engineering capability with extensive experience in the areas of design, development and manufacture of rugged computers and peripherals. Its products are controlled by UK export regulations and are also free of US export control regulations (ITAR).

Solid State PLC is quoted on the London AIM market. Broken into differing trading divisions, Steatite based in Redditch, is one of the UK’s leading suppliers of industrial rugged computing platforms and battery power solutions, while Solid State Supplies, operation located in Paddock Wood, Kent is a leading edge specialist electronic component distribution.

– End –

#### **About Steatite**

Steatite is ISO 9001:2008 approved and focus on product reliability and repeatability. Based in Redditch, Worcestershire Steatite employ over 65 people and have recently moved to a new 25,000sqft purpose built facility. Key product solutions include industrial 19” rack mount computers, embedded computing systems (Microsoft Embedded Gold partner), rugged mobile computing and lithium battery packs. Steatite service a wide range of markets including Oil and Gas, Industrial Control, Transportation, retail, Defence and Security where cost and reliability is Key.

For more information visit the Steatite web sites at: [www.steatite-embedded.co.uk](http://www.steatite-embedded.co.uk), [www.steatite-batteries.co.uk](http://www.steatite-batteries.co.uk) [www.wordsworth.co.uk](http://www.wordsworth.co.uk) or [www.steatite.co.uk](http://www.steatite.co.uk)

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## The Panic Room Company

Stand: E184

**Friday 3 February 2012**

Press Release...

### **World Sea Piracy Keeps Panic Room Company Busy**

In its global piracy report unveiled in January, the International Maritime Bureau (IMB) has revealed that whilst the total number of recorded incidents of piracy and armed robbery has dropped from 445 in 2010 to 439 in 2011, attacks against ships in east and West Africa are a rising trend. The [Panic Room Company](#) is feeling the effects.

Steve Brook, Business Development Director for the [Panic Room Company](#), explains, "When the Panic Room Company was established, we initially identified various land-based needs and hadn't expected this considerable interest from the shipping industry. Our unique portable product has immense appeal as it is quickly installed with no welding and minimal need for specialist equipment or training, offers ballistic and blast protection and can keep a crew of between two and 24 people safe for up to five days with ship to shore communication. An independent power supply, air filtration, the ability to activate a smoke screen and basic survival essentials from fresh water to toilets can also be provided. With leisure boats now under threat alongside container ships the consequences of not having a Panic Room onboard do not bear thinking about."

Of the 439 pirate attacks in 2011 a huge 275, well over 60%, took place off Somalia on the east coast of Africa and the Gulf of Guinea on the west. 802 crew members were taken hostage last year, slightly down on the 1,181 in 2010, but sadly the same number were killed in both years at eight fatalities apiece. Somalia remains the area at most threat.

Steve continues, "International naval forces are working tirelessly to either pre-empt or disrupt pirate activity yet cannot thwart them all. With the average length of captivity for ships attacked by Somali pirates being six months, many of them very violent encounters, investment in a [Panic Room](#) makes both economic and humanistic sense as crews have a chance to raise the alarm in safety. Shipping is certainly an industry that is keeping us unexpectedly busy."

**LATEST NEWS** – The [Panic Room Company](#) has reached the final in the category - **Personal Protection and Equipment – for the Counter Terror and Specialist Security Awards (CTSS) with overall winners revealed in March.**

Contact the Panic Room Company on phone UK:08000 467 232, Intl: +44 (0) 1709 385077, email [info@thepanicroomcompany.com](mailto:info@thepanicroomcompany.com) or visit [www.thepanicroomcompany.com](http://www.thepanicroomcompany.com).

-ends-

for further press information or photography please contact Sarah Drane  
on [sarah@purplecakefactory.com](mailto:sarah@purplecakefactory.com) or call 00 34 607 564 726

## **The Panic Room Company**

### **Stand: E184**

Press release...

#### **Christmas and Economic Downturn Combine to Increased Risk of Domestic Burglary**

Turkey, tree, fairy lights, gifts, security... the last item probably doesn't feature on your household Christmas checklist but maybe it should. Burglary is always a growth industry during economic downturn. In the recession of the late 80s and early 90s, domestic burglaries rose by around a third and Christmas makes for the richest pickings. With violence a feature of many break-ins, it could be time to invest in a Panic Room to protect your family and your valued possessions.

Steve Brook, Business Development Director of the Panic Room Company, comments, "Experts warn that criminals target more homes in the winter months as the evenings are darker and some families seize the opportunity to jet off to some winter sun. As the gap between 'haves' and 'have nots' widens, the temptation of a house full of expensive Christmas booty becomes very great and some intruders will take great risks to get their hands on it, risks involving your property and your loved ones. Our affordable Panic Rooms are a safe sustainable refuge, a last point of defence, and well worth the investment for peace of mind."

One group of individuals at constant threat of intrusion is the Premier Footballing fraternity. Their offensively large pay packets buy extravagant homes, ostentatious motors and costly designer clothes and jewellery – what's more, thanks to the tabloid press, everybody knows it. All a would-be burglar needs is a copy of the latest Premiership Football fixture list and he knows when the man of the house is out at work. It's a far from comfortable situation.

Of course these high profile sportsmen always install security gates, video entry and CCTV, but if someone's determined to break in, they will. You can't eliminate 100% of risk, only upwards of 90%, which is why some Premier League Clubs are now bringing in private security companies, employing part- or full-time guards and installing panic rooms – a last resort safe haven that's a real life saver if things get violent, as they sadly sometimes do.

In September 2009 knife-wielding raiders forced injured Phil Jagielka into handing over jewellery, expensive watches and the keys to his Range Rover. In February 2009 Darren Fletcher's fiancée was held at knifepoint as they made off with her engagement ring and other jewellery – Darren was abroad on Champion's League duty. In July 2008 Emile Heskey's girlfriend was threatened with a knife as two men stole jewellery and keys to his BMW X5. Steven Gerrard's wife was confronted by masked robbers in December 2007 whilst he too was playing in Europe and stole a Rolex and two sets of car keys after threatening to abduct the children if she didn't show them to the safe. The list goes on, Dirk Kuyt, Peter Crouch, Daniel Agger, Pepe Reina... they have all been targets and on each occasion the intruders have evaded extensive security systems. Panic rooms make more and more sense.

Of course you don't have to be a Premiership Footballer to be a target this winter. Take sensible precautions with your home and your possessions, leave lights on if you go away and ensure presents aren't temptingly laid out in full view of passers-by. But sadly there are some determined and highly skilled individuals out there and the phrase "safe as houses" means nothing to them.

About the Panic Room Company - Produced in consultation with senior military experts and police, the Panic Room is a safe last point of defence and can be specified to withstand mechanical attacks,

shotgun fire and more powerful weapon attacks. Each unit can be connected to complementary devices such as a simple 'panic button', iPad-2 technology using ISDN or 3G to contact external help or a bespoke computer system able to drive smoke screens or security cameras. The unit can be disguised to unobtrusively blend in with any environment and, although the time spent within is likely to be minimal, the Panic Room is comfortable and sustainable with external ventilation and air filtration, breathing equipment, lighting, back-up power supplies, fresh water and basic toilets all part of the concept.

Contact the Panic Room Company on phone UK:08000 467 232, Intl: +44 (0) 1709 385077, email [info@thepanicroomcompany.com](mailto:info@thepanicroomcompany.com) or visit [www.thepanicroomcompany.com](http://www.thepanicroomcompany.com).

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for further press information or photography please contact Sarah Drane  
on [sarah@purplecakefactory.com](mailto:sarah@purplecakefactory.com) or call 00 34 607 564 726

## **The Panic Room Company**

### **Stand: E184**

Press release...

#### **Christmas and Economic Downturn Combine to Increased Risk of Domestic Burglary**

Turkey, tree, fairy lights, gifts, security... the last item probably doesn't feature on your household Christmas checklist but maybe it should. Burglary is always a growth industry during economic downturn. In the recession of the late 80s and early 90s, domestic burglaries rose by around a third and Christmas makes for the richest pickings. With violence a feature of many break-ins, it could be time to invest in a Panic Room to protect your family and your valued possessions.

Steve Brook, Business Development Director of [the Panic Room Company](#), comments, "Experts warn that criminals target more homes in the winter months as the evenings are darker and some families seize the opportunity to jet off to some winter sun. As the gap between 'haves' and 'have nots' widens, the temptation of a house full of expensive Christmas booty becomes very great and some intruders will take great risks to get their hands on it, risks involving your property and your loved ones. Our affordable Panic Rooms are a safe sustainable refuge, a last point of defence, and well worth the investment for peace of mind."

One group of individuals at constant threat of intrusion is the Premier Footballing fraternity. Their offensively large pay packets buy extravagant homes, ostentatious motors and costly designer clothes and jewellery – what's more, thanks to the tabloid press, everybody knows it. All a would-be burglar needs is a copy of the latest Premiership Football fixture list and he knows when the man of the house is out at work. It's a far from comfortable situation.

Of course these high profile sportsmen always install security gates, video entry and CCTV, but if someone's determined to break in, they will. You can't eliminate 100% of risk, only upwards of 90%, which is why some Premier League Clubs are now bringing in private security companies, employing part- or full-time guards and installing panic rooms – a last resort safe haven that's a real life saver if things get violent, as they sadly sometimes do.

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**The Panic Room Company**

**Stand: E184**

**Friday 26 August 2011**

**Press Release...**

**Kabul Siege Highlights Need for Panic Rooms**

Two British women and a South African colleague had their lives saved by being ushered into a panic room during last week's siege on a charity HQ in Kabul. Up to five Taliban suicide bomb attacks targeted the British Council claiming many lives but the panic room proved to be priceless in saving the traumatised trio.

Steve Brook, Business Development Director of British-based the Panic Room Company, comments, "Whilst undoubtedly an unpleasant experience, being holed up in a confined space for up to a reported eight hours, the panic room emergency procedure spared the charity workers from a far worse fate. They had been trained to go into the panic room in the event of crisis and, securing it from the inside, were then able to raise the alarm via a direct embassy link. Although not the ones used in Kabul, our Panic Rooms are built in a similar fashion with various levels of connectivity and ballistic protection and their popularity is rising; hardly surprising given the column inches we've seen on UK riots and global terrorism over recent weeks."

Official figures from the British Crime Survey released in July show household burglaries rising by 14% to their highest level in seven years. Many individuals from Premiership footballers to London-resident oil magnates are keen to ensure that they, and their families, can feel safe in their own homes with a panic room forming a key part of their security system. With rising terrorism, cross-border migration and disparity between haves and have nots, a panic room makes effective and economical sense for these high net worth individuals and their possessions. Panic rooms are no longer a luxury, but a necessity.

Produced in consultation with senior military experts and police, the Panic Room is a safe, sustainable refuge as a last point of defence and can be specified to withstand mechanical attacks, shotgun fire and more powerful weapon attacks. Each unit can then be connected to complementary devices such as a simple 'panic button' to activate the home alarm system, iPad-2 technology using ISDN or 3G to contact external help or a bespoke computer system able to drive smoke screens or security cameras.

Delivered flat-pack, the Panic Room can be installed in half a day with minimal manpower providing flexibility of use and portability between locations and various size options are available. The unit can be disguised to unobtrusively blend in with any environment and, although the time spent within is likely to be minimal, the Panic Room is comfortable and sustainable with external ventilation and air filtration, breathing equipment, lighting, back-up power supplies, fresh water and basic toilets all part of the concept.

The Panic Room Company has a broad client base to include those in the Close Protection Industry, large public event organisers, security officers acting on behalf of superyacht owners and police personnel engaged in witness protection and domestic violence.

Prices start from £11,000 (ex tax and delivery) for a basic single unit.

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**Townscape Products Limited**

**Stand: H30**

**Press release**

16 January 2012

**Manchester Airport strengthens terminal protection  
with the help of Townscape**

MANCHESTER Airport has bolstered the security outside its main terminal buildings with the installation of Counter Terrorist (CT) blocks manufactured by Townscape Products Limited.

The Townscape CT blocks will prevent unwanted vehicle incursion at the departure and arrival areas of each terminal building.

Manchester Airport also used the installation of the vehicle defence system to create a new transport and taxi drop off area designed to improve customer transit times and enhance the whole airport experience.

Jonathan Goss, managing director of Nottinghamshire-based street furniture manufacturer Townscape, said:

“Manchester Airport Group (MAG) tasked us to design and create an attractive external landscape outside terminal buildings which would protect the buildings and people inside from vehicle incursion yet not create an eyesore.

“Our CT blocks only need to be recessed into the surrounding tarmac, concrete or paved area to a depth of 100mm. This makes the installation period quick, easy and cost effective as no major groundworks are required – a major selling point for MAG as it created substantial cost savings and meant little disruption to busy airport life.”

The Townscape CT blocks were manufactured from a unique reconstituted stone mix using specially selected aggregates. Additional quartz Cornish fines were added to the mix to enhance the final finish of the exposed natural stone. Designed and built to the rigorous PAS 68 standard, the units are tested and approved at TRL for CPNI.

Jonathan added:

“The installation of Townscape CT blocks can generate overall project cost savings of around 50 per cent over fixed bollard solutions, due to lower unit costs and reduced installation costs.

“Our CT blocks combine the elements of form and function perfectly and collectively convey a strong visual deterrent while adding an attractive feature to the open plaza.”

Townscape CT blocks have become the leading vehicle incursion solution for major UK airports, and have been installed at Heathrow, Gatwick, Cardiff, Belfast and Bournemouth.

Townscape is one of the UK’s leading manufacturers and suppliers of bollards, seats, planters, litter bins, tree grids and guards, cycle racks and shelters, barriers and rails, paving, and security products.

The company's manufacturing flexibility means it can offer bespoke designs and adapt its own products to suit any requirement.

For more information log onto [www.townscape24.com](http://www.townscape24.com)

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For more information, please contact Lucy Oates or Dan Gledhill at RMS.

**Telephone:** 0161 927 3131

**Email:** [lucy@rmspr.co.uk](mailto:lucy@rmspr.co.uk) or [dan@rmspr.co.uk](mailto:dan@rmspr.co.uk)

**Notes to Editor:**

#### **About Townscape Products Limited**

Townscape products was established in 1974 and is a UK manufacturer and supplier of street furniture and paving. Townscape manufactures and supplies bollards, seats, planters, litter bins, tree grids and guards, cycle racks and shelters, barriers and rails, paving, and security products.

Townscape street furniture can be made from steel, stainless steel, aluminium, cast iron, concrete, polymer, and timber.

[www.townscape24.com](http://www.townscape24.com)

**TruePosition Inc.**

**Stand: J39**

**For more information on TruePosition, please contact:**

Brian Varano, Director of Marketing — TruePosition, Inc.

bvarano@trueposition.com — +1 610 680 2251

**For immediate release**

**TruePosition Acquires Intellectual Property from Rosum**

**Berwyn, PA, September 8, 2011** – TruePosition, Inc., a leading provider of wireless location technologies and solutions and a subsidiary of Liberty Media Corporation, today announced that it has acquired all of Rosum Corporation’s intellectual property portfolio.

Rosum Corporation, which was a former Frost & Sullivan Technology of the Year awardee and a Red Herring 100 Technology company, formerly developed high-accuracy wireless location solutions using television signals. Over a number of years it developed an extensive portfolio consisting of 28 U.S. patents and nine international patents.

The comprehensive patent portfolio covers location and timing solutions that make use of television signals. The television-based technology is one of only two location technologies that have been demonstrated to reliably work indoors. The portfolio covers location and timing across a broad range of television signal types, including analog and digital formats. Among other things, the patents cover hybrid location technologies which include the use of television signals in combination with other technologies such as GPS. They also cover the use of television signals to provide fine timing assistance for A-GPS.

“Today, TruePosition has 52 U.S. patents and 130 international patents that cover a variety of wireless location technologies,” stated Steve Stuu, Chief Executive Officer of TruePosition. “We will continue to bolster our intellectual property portfolio, particularly in areas around high accuracy and indoor location techniques, which are well-suited for mission-critical location-based safety and security solutions.”

**ABOUT TRUEPOSITION**

TruePosition ([www.trueposition.com](http://www.trueposition.com)) is the global leader in location determination and intelligence solutions that help protect citizens, combat crime, and save lives. TruePosition U-TDOA is a location technology that can accurately and reliably locate any mobile phone in any environment, where other location technologies such as A-GPS cannot. This makes TruePosition U-TDOA uniquely suited to meet the mission-critical location-based safety and security requirements of enterprises and government agencies. These solutions include future-proof technologies, innovative applications, and comprehensive networking and systems services. TruePosition has more patents, technical expertise, and operational experience in wireless location than any other company in the world. Every day more than 100 million people depend on location services supported by TruePosition technology. TruePosition is owned by Liberty Media Corporation.

**Twisted Pair Solutions**

**Stand: J30**

Contact: Michael Ann Thomas

Phone: (773) 822-6182

Email: [mthomas@rhstrategic.com](mailto:mthomas@rhstrategic.com)

**Twisted Pair Solutions Demonstrates Latest Critical Communication Innovation at Counter Terror Expo 2012**

Law Enforcement, Government and Defense Organizations Can Achieve Interoperability and Increase Mobility with Proven Applications London, United Kingdom – April 25, 2012 – [Twisted Pair Solutions](#), a recognized leader in critical communications applications for secure, real-time collaboration anywhere, on any device, will demonstrate its powerful line-up of leading edge, battle tested communications technologies at the Counter Terror Expo taking place at Olympia in London, April 25-26. Twisted Pair's WAVE software – operating over secure public and private networks or as a secure cloud-based application – is widely deployed by law enforcement, government and defense organizations, including all branches of the U.S. military, coalition, joint services and the counter-terror community, and is considered the de facto standard for software-derived communication interoperability.

Law enforcement, government and defense organizations are currently exploring ways to expand critical communications over wireless data networks. In fact, they are testing and using smartphones and other multi-purpose mobile communication devices that make it possible for them to leverage voice, video, presence and data capabilities simultaneously and enhance the speed and purpose of information sharing.

Twisted Pair has been heavily engaged with the U.S. military in this area, playing a major role in exercises that test networks, devices and applications that will enable smartphones to assume a trusted and expansive role in critical communications. Recently, at a U.S. Army brigade combat team exercise at White Sands Missile Range, the U.S. military achieved interoperability using its existing radio resources and tablets and smartphones by leveraging WAVE.

In addition, public safety organizations are more frequently turning to Twisted Pair to help them expand their communication, extend their budget and advance their technology. The Sainte-Anne Police Department in Manitoba, Canada recently integrated WAVE Connections – Twisted Pair's cloud-based push-to-talk service – into its new model for critical communication to replace legacy digital radios with smartphones and tablets to help first responders collaborate better, quicker and cheaper.

Twisted Pair will be demonstrating WAVE Connections at its booth #J30 at the Counter Terror Expo. WAVE Connections is helping law enforcement, government and defense workers connect more quickly using the mobile devices that they already carry. The communications service operates from any smartphone or tablet, allowing users to simply download an application then push-to-talk with each other from their device without the hassle of stopping to place calls. Unlike other push-to-talk options, like two-way radios or carrier-based smartphone solutions that are expensive and limited in function, WAVE Connections works with any carrier, over any 3G/4G or Wi-Fi network. The service also empowers users to extend smartphone capabilities beyond voice, including data, location and presence, helping organizations do more and spend less.

Twisted Pair will also demonstrate its new iPhone and iPad WAVE Mobile Communicator, which expands its arsenal of supported operating systems beyond Android, BlackBerry and Windows

Mobile.

For a briefing at the Counter Terror Expo with a company spokesperson, please contact Michael Ann Thomas at [mthomas@rhstrategic.com](mailto:mthomas@rhstrategic.com) or (773) 822-6182.

To learn more about Twisted Pair and WAVE please visit: <http://www.twistpair.com/>.

**About Twisted Pair**

Twisted Pair is the recognized leader in critical communications. Our WAVE software empowers the military and its mobile workforces with critical communication applications for secure, real-time collaboration anywhere on any device. Built on a battle-tested communications interoperability platform, WAVE delivers voice, video, location, presence and other forms of data deployed as an enterprise product or cloud-based service throughout commercial, public sector and defense organizations. WAVE has been proven in thousands of the most complex deployments around the world to help integrate and manage a truly unified communications system so that office-based and mobile workers can simply talk, make decisions and act.

For more information, contact Michael Ann Thomas at Raffetto Herman Strategic Communications, PR agency for Twisted Pair Solutions, at [mthomas@rhstrategic.com](mailto:mthomas@rhstrategic.com) or (773) 822-6182.

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