WHAT’S NEW

What’s New @ CTX sponsored by

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Counter Terror Expo is the critically acclaimed, highly specialised event for those who are tasked with the demanding and complex role of delivering a robust defence against the threat posed from international terrorism.

In an age in which the threat from terrorism is both dynamic and continually evolving, the development and emergence of new technology is vital in combating these forces.

At Counter Terror Expo you will encounter a range of new and launching products & technologies, throughout the event and comprised in a selection of new show features.

These new features include the Vehicle Zone which will house a selection of armoured and support vehicles, CCTV Focus comprising of a specialist workshop in association with industry association ONVIF and a trail of CCTV companies around the show, The Access Control Suite where visitors will be able to see and compare a range of Access Control Capability for both internal and external protection and the IEDD Demonstration Theatre, expanding on the popular 2011 feature this demonstration theatre will house a selection of live scenarios performed showcasing ROV’s, Hook and Line and Suit equipment.

This publication will enable you to review the new and launching products that will be showcased at Counter Terror Expo 2012, and gain an insight to the show features, many of which have been shaped as a direct result of your own feedback.
NEW AND LAUNCHING PRODUCTS

Counter Terror Expo 2012 offers the chance to see over 400 exhibiting companies and hundreds of products dedicated to counter terrorism and the specialist security arenas. Here are just a few of the extensive range of new and launching products that will be presented:

A E SOLUTIONS
A E Solutions will be launching iPhysio at the show, which is a multiple person physiological monitoring software that will be demonstrated together with automated analysis of results, and can easily be used in Duty of Care programmes and training courses. This software enables each monitored person to have individual assessment standards and an automatic threshold warning system when those standards have been breached.

BBI DETECTION
BBI Detection will be showcasing the IMASS (Integrated Multiplex Assay and Sampling System), a newly developed and patented device, especially designed for BWA or explosives detection for front line and first responders.

BERKELEY VARITRONICS SYSTEMS
Launching at this year’s show will be the Tactical Vest, integrated with cell phone detection and direction finding capability.

BOOTH INDUSTRIES
Booth Industries will be launching its power operated, hinged blast resistant steel doorsets and associated products at Counter Terror Expo 2012.

COBALT LIGHT SYSTEMS
Cobalt Light Systems will be introducing the INSIGHT100 at Counter Terror Expo 2012 - a scanner for screening unopened bottles for liquid explosives, powders or gels, aimed at airport security and other transport hubs.

COVA SECURITY GATES
Cova Security Gates plan to display its patent pending arrestor mechanism in the new manual barrier option, due for formal crash testing early in 2012. Other options under development are expected to follow.

COVER HIDES
Cover Hides will be presenting a new one day course that is being well received by various police forces, alongside the ‘One Day RF Antenna Cable Cover Creation’ which allows technicians to create a vine / plant based slipcase to hide wires & cables.

EXPLOSIVE LEARNING SOLUTIONS
Explosive Learning Solutions will be showcasing its new range of specialist explosive awareness, detection and disposal training courses, in addition to its award winning training design capability.

MICROWAVE AMPLIFIERS
Launching at this year’s Counter Terror Expo will be a full range of wideband GaN Jamming Amplifiers covering 20-6000MHz with power levels up to 100W, GaN S-band satellite RADAR imaging transmit PA, 1kW L-Band GaN terrestrial RADAR transmit PA and GaN Dual channel airborne surveillance data transmit PA.

MULTIX
Multix SA will be presenting the ME100 X-ray spectrometric detector, a new type of data acquisition system (DAS) designed for a conventional transmission x-ray system. Based on this technology, scanning systems can now identify explosives and narcotics in real time, while significantly reducing the false alarm rate (FAR) by a factor of three or four (proven in laboratory tests), and increasing baggage inspection speed.

NEW AND LAUNCHING PRODUCTS

At CTX 2012, PENTAX will show their latest Long Range Zoom Lens for the field of homeland security. This lens will provide the latest PAIR 02 Technology to improve the image by reducing atmospheric interferences such as heat haze, fog, snow rain.

RADIOMICS SYSTEMS
Radiomics Systems will be showcasing Motorola’s new digital radio range at this year’s Counter Terror Expo.

SCANNA MSC
Scanna MSC will be showing the Flexray - a large digital x-ray plates and image plate mounting system.

SHAWCITY
Shawcity will be presenting The AccuSense - a portable gas chromatograph that provides instant readings on toxic chemicals, in addition to the NaviSeer Personnel Tracking system, which works in both GPS and GPS denied areas.

STEELWAY
Steelway will be showcasing its newly certified LPCB Level 3 Modular cages and and Level 4 Kiosks at Counter Terror Expo 2012.

TACTICAL ELECTRONICS
Tactical Electronics will be showcasing its Long Pole Search System 3 at Counter Terror Expo 2012. The Long Pole Search System provides wireless video surveillance and observation of subjects at significant heights and distances, providing operators with covert wireless vision while remaining behind cover.

THERMOTEXNIK
Thermotexnik will be unveiling their new 640x480 resolution MicroCAM thermal imaging core with 17micron pixel pitch at Counter Terror Expo 2012, ideal for all low weight, low power consumption applications such as UAV’s.

TOTALPOST SERVICES
Totalpost Services Plc will be launching its X-ray mail/packet/parcel/freight/baggage screening at the forthcoming Counter Terror Expo.
Counter Terror Expo will be offering a range of new, cutting edge show features and workshops in 2012, these have been developed utilising the findings from the 2011 event’s visitor research to understand what is important to you.

VEHICLE ZONE

Armoured vehicles offer crucial protection to the services of Homeland Security, Counter-Terrorism, Police Security, Force Protection and SWAT teams as well as protecting key personnel in more volatile areas of the world.

In situations ranging from crowd control through civil disturbance to terrorist attack, within the counter-terrorism arena a wide range of vehicles designed specifically for the task at hand are deployed. Latest generation armoured vehicles give enhanced protection to the personnel aboard in light-weight and highly manoeuvrable form through the use of advanced carbon fibre and ceramic materials.

Modern day support vehicles provide critical on-scene functions including command post, surveillance, communication and emergency medical response services.

THIS AREA WILL:

• Bring together the suppliers of Armoured and Support Vehicles together in one area of the show
• Showcase Retro-fit, Up-armouring & Upgrade Solutions

EXHIBITORS TAKING PART INCLUDE:

• Access Risk Control
• Farmingtons Automotive
• Jenkel
• Land Rover Jaguar
• STOOF
• Project Support Vehicles

Hostile vehicle mitigation system

The Redi-Rock mitigation vehicle protection system is used to guard buildings and infrastructure of high importance:

The fast, effective, re-usable solution to perimeter hostile vehicle attack.
Redi-Rock: Protection for buildings and infrastructure of National importance

.....Now available in 3 finishes

Cobblestone
Ledgestone
Limestone

The Redi-Rock Force Protection system has successfully been tested by the Transport Research Laboratory (TRL) using the BSI specification PAS 68:2007, and achieved a classification of V/7500[N2]/48/90:1.6/0.0

To achieve this the freestanding concrete blocks systems interconnected with steel cable successfully arrested a 7.5 tonne lorry at an impact speed of 48 kmph (30mph) with only 1.6m penetration of the load carrying space.

Hostile vehicle mitigation system

• Fast to install Lego™ like system
• Removable / Relocatable
• No ground anchor - uses its own weight
• Integral cable dissipates kinetic energy
• Proven to stop a 7.5 Ton truck at 48 kmph (30mph)
• Aesthetically pleasing, with the look of natural stone
• Can be coloured to blend with local environment
CCTV FOCUS

CCTV is critical in assessing whether a security alert is real, and is often vital in any post incident investigation, particularly of a terrorist nature.

Rapid evolution in the Closed Circuit Television (CCTV) and Monitoring sector continues at a pace. The emergence of high definition cameras and a raft of other digital enhancements bring unprecedented clarity and capability. Imagery is captured and transferred in real time across an increasingly wide variety of delivery mechanisms and digitally archived for instant retrieval and analysis.

CCTV FOCUS WITHIN THE SHOW WILL FEATURE:

• A technology trail throughout the event of companies with the latest CCTV solutions

• An update from ONVIF’s Chairman Mr Jonas Andersson, followed by a discussion amongst the ONVIF members on the challenges, possibilities and standards initiatives of IP video

• CCTV and Monitoring Workshop providing an educational update on various CCTV systems and integration

EXHIBITORS TAKING PART INCLUDE:

• Bosch Security Systems
• CitySync
• Cobham
• Excelerate Technology
• IMIX Vision Support Systems
• IndigoVision
• Lyyn
• Nikon UK
• Panasonic
• Vemotion
On the battlefield, in the public transport arena and within the urban environment, the threat from Improvised Explosive Devices (IEDs) remains potent.

Advanced threat detection methods, threat handling techniques and threat containment solutions, are helping to mitigate the danger inherent in safe IED disposal and enhance the safety of those engaged in this difficult work.

The range of tools available to the specialists who carry out this role is impressive and includes remote operated vehicles, highly sophisticated jamming technologies to prevent remote control explosive devices being detonated, specialist body armour to protect against shrapnel and flying debris, hook and line kits and non-magnetic tools.

**THE DEMONSTRATION FEATURE WILL SHOWCASE:**

- Active scenario based IEDD demonstrations featuring: ROV's, Hook and Line and Suits
- IEDD Workshop providing an educational update on various methods of IEDD and the practical solutions available

**EXHIBITORS TAKING PART INCLUDE:**

- Allen Vanguard
- Cobham
- Explosive Learning Solutions
- iRobot
- Northrop Grumman
- Ramora

Controlling access to premises and identifying who is the building at any given moment in time enhances overall operational security, is important from a health and safety perspective and helps mitigate against crime and terrorism. Controlling who is where, when and for what reason can be achieved via a range of methods from simple badge schemes through to more complex biometric solutions to limit access to the most sensitive or restricted areas.

**THE ACCESS CONTROL SUITE WILL FEATURE:**

- A series of doors & access points providing buyers with get a first-hand experience to test multiple systems
- Access Control, ID and Biometrics Workshop providing an educational update on the latest systems and integration elements

**EXHIBITORS TAKING PART INCLUDE:**

- Abloy UK
- Access Management Solutions
- Andrews & Wykeham
- CDVI
- Pensher Skytech
- Pickersgill-Kaye
- Traka
EXHIBITORS IN PROFILE

5 Stones intelligence
Our intelligence solutions delivered locally and globally, can help protect you, your employees, supply chain, brand and reputation from the threat of crime and terrorism.

T: 020 3239 1574
W: www.5stonesintelligence.com
Stand: C36

ARINC
ARINC delivers over 100 solutions for our defence, commercial and government customers to enhance operations and maximize returns. We provide answers to real-world challenges around the globe.

T: 01293 641200
W: www.arinc.com
Stand: J18

Farmingtons Automotive GmbH
World class armoured vehicles - developed and manufactured in Germany. The Farmingtons Automotive GmbH offers a wide range of armouring solutions according to the highest quality standards.

T: +49 5401 490 555
W: www.farmingtons-armouring.com
Stand: G190

Traka Plc
Traka manufactures secure key and asset management systems that allow you to control and monitor who has access to your valuable keys, vehicles and equipment.

T: 01234 712345
W: www.traka.com
Stand: H20

Non-Conductive Barrier System (NCBS)
The NCBS is a revolutionary concept that combines non-conductivity and security into an easy to install solution for the Energy Industry.

Features and Benefits
• Low maintenance
• Fire retardant
• Corrosion resistant
• Non-magnetic
• Radar friendly

Diamond Secure Fencing System
The Diamond Secure range is used where fencing needs to be robust to deter criminals and protect assets and property to the ultimate level of security.

Features and Benefits
• Low maintenance
• Aesthetically pleasing
• Virtually impossible to scale
• Medium to high security system
• ‘Police Preferred’ specification

Expanded Metal Security Products are designed for a range of applications from perimeter demarcation to the highest level of security.

For further information on any of our security products, please visit us on STAND D40, Counter Terror Expo 2012
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E: sales@exmesh.co.uk
W: www.expandedmetalfencing.co.uk
Who’s targeting your assets?

Your organisation’s assets are a target for terrorists. Mitigating this threat is a priority.

Traka’s silver bullet enables you to secure, manage and audit every asset, 24/7.

Need to know more? Visit us on stand H20, call 01234 712345 or visit traka.com/counterterror