



COUNTER **TERROR** BUSINESS 365

DELIVERING KEY STRATEGIES TO COMBAT TERRORISM: **ONLINE**

DRONES AND COUNTER-DRONE TECHNOLOGY

Responding to the threat level

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19TH July 2022 10^{AM} LIVE ONLINE

A scalable C-UAS solution that Detects, Tracks and Defeats hostile UAS

Tactical datalinks

Spectrum Battle Space

Spectrum Monitoring Services

Counter UAS



WELCOME

WELCOME TO COUNTER TERROR BUSINESS 365

Thank you for joining us today for CTB365's Drones & Counter-Drones Technology webinar – brought to you by the team behind the Counter Terror Business brand.

The widespread availability of affordable but highly capable drones/ Unmanned Aerial Systems (UAS) presents a new set of security challenges. Whether the operator is a negligent enthusiast or an individual intent on an act of terrorism, an undetected drone can pose a significant safety or security threat. From Critical National Infrastructure to large-scale public venues such as sports arenas or transport hubs like airports, drone detection and countermeasure systems now play a major role in national security and the fight against terrorism.

In conflict zones, the prolific use of drones for intelligence gathering, identification of targets and active use, for both offensive and defensive actions, have redefined the very nature of war – as is becoming apparent in the invasion of Ukraine. It could yet be the greatest influence on the outcome of the conflict.

Critical Infrastructure has been under threat recently when an Israeli gas platform was attacked (unsuccessfully) by Hezbollah-launched drones.

Closer to home, we have seen unauthorised drone incursions at several summer festivals – Glastonbury and the Download Festival, which disrupted operations at the nearby East Midlands Airport. And who can forget the 2018 disruption at Gatwick Airport? Over 36 hours the Christmas travel plans of 150,000 people were thrown into chaos after “numerous illegal drone sightings” forced the airport to suspend flights.

Today's webinar on Drones & Counter-Drone technology looks at the increasing use of drones by malicious actors and how counter-drone technology has had to evolve, so that responses are proportionate to both the threat level and the environment.

Working with our partners at the Security Institute, attending any CTB365 event will earn you double CPD points – ensuring that you will not only take home valuable information (available to download) from some of the brightest, sharpest minds our industry has to offer, but also accredited proof that you are committed to your own ongoing professional development.

Get involved with the conversation today, make sure that you raise issues that are important to you, take part in the polls and Live Q&A sessions – after all, it's not every day that you get to interact with some of the most knowledgeable people in the sector!

If you have any issues or questions, please ask for help from a Counter Terror Business member of staff on the general chat.

Any feedback you might have would be most welcome. Please email us at: CTB365@psigroupltd.co.uk

I hope that you enjoy the morning and I look forward to welcoming you back in the future.

Jake Deadman
Publisher
Counter Terror Business



PSi Public Sector
Information

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BUSINESS 365**
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Learn more / enterprisecontrol.co.uk or tcibr.com

ECS+TCI
SPECTRUM BATTLESPACE

HOW-TO GUIDE

How-to guide for our COUNTER TERROR BUSINESS event

This is a quick guide to make sure that you make the most of our CTB365 event.

If you have not yet registered for the webinar, then please do so [HERE](#):

Once you have registered, for the event, you will receive a confirmation e-mail with your custom link which is what you need to gain access to the online event.

You can enter the online event up to 15 minutes before the scheduled start time and we advise that you do a system check before you enter, by clicking on the system check link, to make sure your participation is as smooth as possible.

To familiarise yourself with the live event room, and how to take part in the chat, Q&A and polls, you can view a video tutorial [here](#).

If you have any problems or issues then please e-mail jake.deadman@psigroupltd.co.uk.

Please watch the video tutorial below.



PROGRAMME

The event has been put together in a format that encourages audience participation – so get involved!

During the online events you can take part in the peer chat, ask questions via the Q&A tab and up-vote those asked by your peers, so we know which key questions you want answered. We will also be asking you to give us your opinion by taking part in the live polls, which will pop up over the course of the event.

There will be live Q&A sessions where our speakers will endeavour to answer as many of the key questions you ask, so please ask as many questions as you like.

TIMETABLE OF EVENTS

Session 1:

10.00	Welcome
	Opening address Philip Ingram MBE, Counter Terror Expert
	Keynote - Steve Reinharz, Chair of AI, Drones and Robotics Interest Group at the Security Industry Association (SIA)
	The UK's Approach to Understanding Criminal Drone Activity James Bingham, Lead Intelligence Analyst, NPCC Counter Drones unit
	RF Defeat in the Counter UAS Domain Paul Taylor, Director of Business Development, Enterprise Control Systems
	C-UAS Capabilities David Beckett, BD Director, TCI Inc - Commtech Battle Space
	Live Poll
	Panel Discussion

Session 2:

11.15	Welcome Back Philip Ingram MBE
	Counter UAS integration challenges David Eldridge, Sales Director - Chess Dynamics
	SPX Corporation Overview Gene Lowe, CEO, SPX Corporation
	Manual Drone Detection & Geolocation vs Automatic Peter Savage, Application Engineer - TCI Inc
	Live Poll
	Panel Discussion
12.30	Thank you / Close

SPEAKERS



Philip Ingram MBE, Journalist & Security Intelligence Expert

Philip Ingram MBE BSc MA GCLl is a widely published journalist, specialising in the security and intelligence arenas, who has built on a long and senior career in British Military Intelligence, with years of experience in all aspects of intelligence and security as well as strategic planning.

Slightly tongue in cheek in his Twitter profile, Philip refers to himself as an, 'Ex spy, specialised in taking over countries, now writes and broadcasts about things intelligence, security, cyber, CBRNE (that is Chemical, Biological, Radiological, Nuclear and Explosives), geopolitics, terror and more'.

Philip now runs his own media company, Grey Hare Media, and between the Army and this, he was a sales and marketing director for a large cast steel manufacturer, learning about business, and then managing director and editor in chief of a B2B Security focused print and online publication.



Steve Reinharz, CEO, Artificial Intelligence Technology Solutions

Steve Reinharz is the CEO of Artificial Intelligence Technology Solutions, Inc. and Founder and CEO of the company's three wholly-owned subsidiary Robotic Assistance Devices (RAD), RAD-M, developing mobile security solutions, and RAG-G, specialising in software, firmware and engineering solutions for robotics.

Reinharz is a seasoned leader in the physical security industry with over 25 years of experience holding various roles across multiple disciplines. Reinharz has led RAD to create and launch a successful line of artificial intelligence-powered solutions specifically developed for the guarding and facility management industries. As of June 2022, the company has over 225 units installed globally, and these devices have logged over 2.5 million paid operating hours in the field.

RAD's current customers include 3 of the top 5 global security firms and 5 of the Fortune 25. Under Reinharz' leadership and vision, RAD has become the leader in the delivery of artificial intelligence-based security and facility robots. RAD's robotic solutions are quickly moving into a variety of industries such as government, transportation, critical infrastructure, education, and healthcare.



James Bingham, Lead Intelligence Analyst, UK National Counter Drone Unit (NPCC Counter Drones)

James Bingham is the Lead Intelligence Analyst for the UK's national counter drone unit (NPCC Counter Drones), covering all aspects of criminal drone use.

SPEAKERS



Paul Taylor, Director of Business Development, Enterprise Control Systems

Paul Taylor joined Enterprise Control Systems in 2012 and as a key member of the management team and has led business development and sales across both the specialist datalink and countermeasures product portfolios. During this period ECS became the first company to purpose-design a specialist countermeasure capability to defeat the emerging drone threat.

Paul's prior experience includes 21 years of military service as a Royal Signals officer in the British Army during which he gained extensive experience in the requirements specification and procurement of specialist counter-terrorist technical capabilities. A brief period of technical consulting in the City of London, financial services security and communications sector was followed by 11 years at Harris Corporation where he became Head of UK Operations.

At ECS Paul has contributed extensively to shaping the collaborative working environment with multiple stakeholders to deliver world-leading C-UAS solutions for demanding international users.



David Beckett, BD Director, TCI Inc - Commtech Battle space

David joined the British Army at 18 and was commissioned at the Royal Military Academy Sandhurst into the Royal Army Ordnance Corps in 1986. After serving during the Cold War in Germany, David spent the remainder of his 20 years' service in operational counter-terrorism and bomb disposal roles. David served operationally on the UK Mainland, Northern Ireland, The Balkans, Africa, South America, and the Middle East.

After serving as a requirements manager in the UK MOD procurement services for Special Projects, David has put his operational and procurement experience to good use. He has spent 16 years in industry as a sales director for L3 TRL, QinetiQ and Collins Aerospace. He joined the CommTech division at SPX in early 2022 as the sales and business director for battlespace.



David Eldridge, Sales Director, Chess Dynamics

David joined Chess in 2015 as technical manager for land and security products and was appointed sales director 2017 where he is responsible for naval, land and security systems. David obtained his electronics qualifications with GEC-Marconi and while on secondment as a flight trials engineer he supported the introduction into service of the Tornado aircraft then later joined the systems design team as an engineer. David then moved into a sales role, first with the Rank organisation and then to Brimar, where he managed the transition from high-performance Cathode Ray Tube manufacture into rugged Flat Panel Monitors. Since joining Chess Dynamics, David has been at the heart of the development, deployment and support of Counter Unmanned Air Systems (C-UAS).

SPEAKERS



Jackson White, Business Development Director, RF Datalinks and Marketing (SPX Comtech)

Jackson joined the British Army at 16 into the Royal Corps of Signals in 1990. After serving during the Cold War in Germany, Jackson joined UK Special forces specialising in Tactical and strategic communications, deploying Domestically and Globally in the war on Terror, serving in several roles. Jackson has served operationally on the UK Mainland; America; The Balkans; Africa; and the Middle East.

Since leaving the Army Jackson has completed a degree in Cyber Security and has combined this with his operational experience during his 15 years in Industry as a Business development Manager Enterprise Control Systems Ltd and Esterline (Racal Acoustics). Then as a Sales & Marketing Director for Getac before returning to Enterprise Control Systems as Business Development Director.

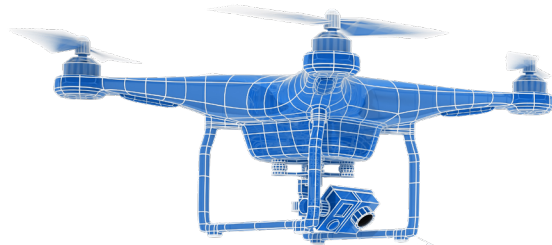


Peter Savage, Application Engineer, TCI Inc

Peter is a long term employee of TCI, having joined TCI's London office in 1978. He is currently employed at TCI's head office in Fremont, California, just to the north of Silicon Valley.

Peter has extensive field experience, working with End Users of TCI's equipment at the Operator, Manager, and Executive levels in North and South America, Europe, Africa, and Asia.

Peter has a wide range of experience having worked in Field Engineering, System Engineering, Project and Program Management, Business Director, and is currently holding the position of SME or Application Engineer.



SOCIAL MEDIA

Let's talk **COUNTER TERROR BUSINESS 365!**

We've been active on our socials in the run up to **Counter Terror Business 365** and now it's your turn!

Connect with us:

Twitter – @CTB365 

LinkedIn – www.linkedin.com/in/jakedeadman 

We would love for you to share your experiences throughout the day. Be sure to tag us in all your posts and use the hashtags below:

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#CTBTheBiggerPicture

Make sure you share your experience with our Partners too.

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International Security Expo

International Security Expo, at Olympia London on 27-28 September 2022 gives security professionals from across the world the chance to come together under one roof to network, learn and discover the latest security solutions from the world's leading suppliers. Strategic insights and policy updates from

high-level global keynote speakers across three summits and conferences will look at the changing nature of serious and organised crime, alongside the upcoming Protect Duty legislation, terrorism and the terror trends currently affecting UK Counter Terror capability, in a global context. Free to attend, there is no better way to stay ahead of the curve.

www.internationalsecurityexpo.com



The Security Institute

The Security Institute is the largest membership organisation for security professionals in the UK, with members from all over the world. We promote standards, develop and endorse education across the sector and provide

a rich membership experience. With a membership of over 4,000 security professionals working in a variety of disciplines, Membership of the Security Institute bestows credibility, enhances career prospects and provides a valuable network of excellent contacts.

<https://security-institute.org>



Perimeter Security Suppliers Association (PSSA)

The PSSA is the trade association for companies involved in the supply and installation of products designed to provide high levels of physical protection and intruder detection for sites and their external perimeters in all circumstances where terrorist or criminal attack is a perceived risk. Our founder members are some of the leading names in the sector – and we have been formed with the encouragement of the government body the Centre for the Protection of National Infrastructure (CPNI)

which shares our objective to promote the use of high performance products and their professional installation. Members of the association supply a wide range of high performance high security perimeter protection products, many of which have been independently tested, and which include perimeter fences and walls, vehicle barriers and blockers, bollards, turnstiles, gates, detection systems, street furniture, and other specialist equipment developed for this demanding sector of the security market.

www.pssasecurity.org

PARTNERS



The Emergency Services Show

The Emergency Services Show is the UK's leading annual showcase of the blue light sector, featuring over 450 exhibitors, live demonstrations, unique learning opportunities and unrivalled networking. The two-day event brings together all disciplines from the emergency services sector to discover innovative technology

and operational solutions, share their experiences and unite in their collaborative approach to public safety. Following the success of last year, Future Policing returns combining a dedicated zone of leading suppliers of policing equipment, technology and services and a high-level conference tackling the key challenges in policing today.

www.emergencyuk.com | Dedicated registration link: <https://www.emergencyuk.com/psi>

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ECS + TCI

Enterprise Control Systems and TCI, under the SPX Corporation's Communications Technology ("CommTech") platform, are maturing capabilities to address evolving RF spectrum threats in defence, security and Critical National Infrastructure. Together, the companies design and manufacture highly engineered tactical Data Links, RF detection

and location systems and RF inhibitors, including counter-drone and counter RC-IED inhibitors. The companies have extensive capabilities in design, development, manufacturing and testing, which means they are frequently first to market, enabling customers to address critical needs fast.

www.enterprisecontrol.co.uk | www.tcibr.com

THANK YOU

A big Thank You to all our speakers, sponsors and partners for making today's event such a success.

Special thanks to: David Hunt & Maggie Law at Nineteen Group. Sian Aherne and Victoria Medina.

For future sponsorship opportunities contact:

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