

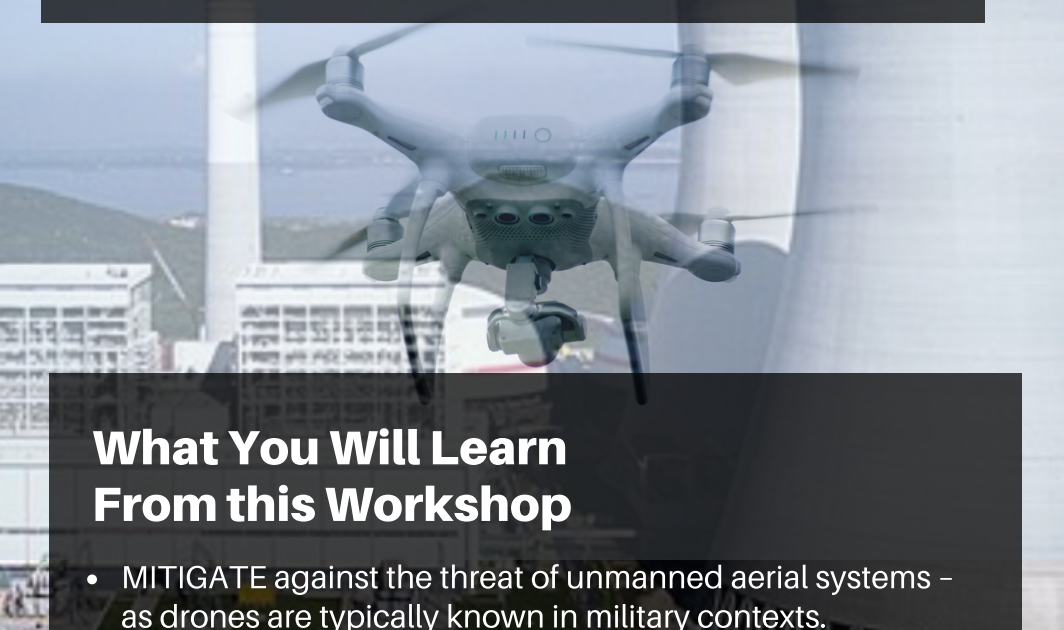
9 July 2020

EXPERT-LED DIGITAL MASTERCLASS

INTENSIVE 6-HOUR COURSE | 3 LIVE SESSIONS

DRONE SECURITY FOR CRITICAL INFRASTRUCTURES

DEFENCE & SECURITY



What You Will Learn From this Workshop

- MITIGATE against the threat of unmanned aerial systems – as drones are typically known in military contexts.
- ASSESS the risk and vulnerabilities of drone terrorism.
- CONSIDER all possible, innovative ways terrorists might use UAS
- ENGAGE in a comprehensive vulnerability assessment to identify security and protection gaps.

Case Studies

Case study 1

Recent drone strikes on the Saudi Arabia petroleum industry infrastructure highlights the changing methods of terrorists and saboteurs and the constant need to be reviewing counter-terror and security measures and plans. Defensive strategies did not match the methods deployed by terrorists.

Case study 2

Turkey's recent deployment of killer drone swarms in coordinated action in Syria demonstrates Ankara's technological prowess on the battlefield. Turkey was waging an "air campaign run entirely by armed drones demonstrates the evolving nature of Drone warfare.

Expert Trainer

The Subject Matter Expert



Noel Whelan

Master of Arts Degree in Terrorism and Security

- More than 25 years of experience in the field of anti and counter-terrorism.
- Retired former member of a counterterrorism training wing, known as DG1.
- Trained international police, armed forces and other government agencies globally in counter-terrorism tactics and skills.
- Author of "Aviation Terrorism & Security" & "Where Demons Dread"



WHAT YOU WILL GET IN THIS COURSE:

- **Remote Access**
- **9hrs of downloadable instructional material**
- **On-demand Expert Knowledge**
- **Access on mobile and TV**
- **Certificate of Completion**



Q8
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Q8 is proud to be partnered with 10EQS, an innovative market intelligence provider headquartered in New York, to offer custom research and insights On-Demand. 10EQS is led by former senior leaders of McKinsey and Deloitte who have come together to combine top management consulting capabilities with the expertise of frontline industry specialists, leveraging today's communication technology and online talent markets all over the world
Find out how we can help your organisation, drop us a note at hello@q8asia.com.sg

830am to 930am
Future Attack Drones

- How Drones are shaping the future of Terrorism
- How Drones will affect your operations and how you counter the threats
- Drone Terrorism Intelligence: How Terrorists Are Weaponizing Drones To Carry Out Next Stage Of Terror Attacks
- The advance of Drone Swarm techniques, tactics & strategies

930am to 1030am
Counter Drones 1

- Global Threat of Rogue Drones And How Advanced Anti-Drone Technologies
- Drones demonstration of capabilities
- Countering Unmanned Aerial Systems
- Drone surveillance & Counter surveillance

1030am to 1050am

Break/Coffee

1050am to 12noon
Counter Drones 2

- Anti-drone technologies, techniques & tactics
- Shoulder-Mounted 'Guns' / Electromagnetic Pulse (EMP)
- Radar And Jamming Systems

130pm to 230pm
Drones Terrorism Now

- How Terrorists Are Exploiting Critical Infrastructure Vulnerabilities
- AI (Artificial intelligence, machine learning, and emerging threats)
- Drones and the evolution of the private Air force
- Latest Intelligence In Global Terrorist Attacks: New Development In Tactics, Weapons,
- Tools And Shifting Ideologies

230pm to 330pm
Drones Counter Terror Measures

- Manufacturing The Next Wave Of Terrorist Attacks (Exposed)
- State-Sponsored Terrorism And Its Impact
- Protective Security Management For Critical Infrastructure
- Safety Design and multi deterrence layering
- Prioritizing SOPs To Enhance workforce, Public Safety & Security

330pm to 430pm
Shared Case Studies and Experiences

- Current Risk Landscape: Latest Threats And Developments In Rising Lone Wolf Terrorism And Suicide Attacks

430pm

End: Stay Safe

" Terrorists will never respect the sovereignty of nations"

Noel G Whelan

Why You Should Attend

As drones become smarter, they could be harnessed by terrorists to carry out deadly attacks. Protecting your assets & people from malicious drone is a growing and critical issue.

This workshop will offer the highlights of the use of drones in modern security operations, helping security professionals to upgrade their existing knowledge on procedures to protect people, facilities and critical infrastructure. Participate in this workshop to learn how to analyse attacks with drones and understand the necessary counter - measures can be taken.



Noel Whelan

*Master of Arts Degree in
Terrorism and Security*

Noel Whelan has been working, training and educating internationally in the field of anti and counter-terrorism for the past 25 years. He is a retired former member of a counterterrorism training wing, known only as DG1.

He has been delivering education and training to International Police, Armed Forces, and Private Security Personnel including international organizations from both public and private sectors. His work has taken him through Russia, Ukraine, Kazakhstan, Latvia, Estonia, Finland, United States, Ecuador, Egypt, Poland, Bulgaria, Turkey, Greece, Italy and many more places in connection with his duties. He gives his clients a leading edge in preventing and countering the phenomenon that is International Terrorism to make the world a safer place.

AREA OF EXPERTISE

+ Threat assessments, capabilities, credibility and intentions of organizations and individuals.

- Anti and counter terrorism lectures and practical training to armed forces, police and security industry.
- Insurgency/counter insurgency, techniques, tactics and strategy.
- Defeating the urban insurgent.
- Conflict terror and security.
- Fundamentalist and extremist movements within the Middle East.
- Terrorism and counter measures for industry and commerce.
- Terrorism and the motivation to produce mass casualties.
- Countering active shooters.

- Aviation terrorism and world security, post 9-11.
- Close quarter combat tactics; firearms, impact and edged weapons.
- Threat analysis and risk resolution.
- Communications and electronic counter surveillance.
- Specialist security driving skills (defensive, evasive and offensive driving).
- Improvised Explosive Device search and recognition.
- Armed Robbery prevention.
- Conflict management and physical intervention.
- Practical security skills and criminal awareness.

Subject Matter Expert, Noel Whelan, has been conducting extensive research in terrorism related field.

His main areas of research include:

- Terrorism and Security
- Conflict Complex Emergencies and Global Governance
- Contemporary Politics of the Middle East
- Arab Nationalism, Pan-Arabism and Statism
- Fundamentalism and Radicalism
- The Role of the Military in Middle Eastern Politics
- Republican Regime-Class and Ideology
- Gulf Security and the Rentier State
- European Defense and Security Analysis
- Nuclear defense strategy

Partial list of organizations that have benefitted from Noel's expertise:

- Alwatch Security Management Pte Ltd, Singapore
- British Armed forces
- British Energy
- Critical Infrastructure & Coastal Protection Authority, Dubai, MEA
- Department of Homeland Security, Texas
- Dubai Supply Authority
- Eggborough Power Station, UK
- HM prisons, Lindholme Doncaster, UK
- Interior Ministry Police Russia, Poland, Ukraine, Kazakhstan
- Irish Defense Forces
- Jefferson County Sheriff's Department, Beaumont, Texas, USA
- Marriot Hotels
- Nanyang Technological University, Singapore
- Orchard Turn Developments Pte Ltd, Singapore
- OUB Centre Limited, Singapore
- Park Lane College Leeds, UK
- People's Association, Singapore
- Police Force of Malta
- Roads and Transport Authority, Dubai, MEA
- Sengkang Health, Singapore
- Singapore Institute of Management (SIM), Singapore
- Singapore Police Force
- United States Armed Forces
- United States Coast Guard
- University of Hull, UK
- University of South East Texas, USA
- Wackenhut international Ecuador