

COUNTERING **DRONES**

3-4 June – LIVE WEBINAR

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NSO **SHIELD**



CONFIRMED WEBINAR PARTICIPANTS

DAY ONE – Procurement Training Day:

- **Andrew Staniforth**, Director of Innovation, **Saher-Europe**
- **Dr. Garik Markarian**, Emeritus Professor, Lancaster University; CEO & Founder, **Rinicom Ltd.**
- **Mark Legh-Smith**, CEO, **Operational Solutions Ltd.**
- **Dr. Clayton Stewart**, Visiting Professor, Department of Electronic and Electrical Engineering, **University College London**
- **Alain Vallée**, Technical Secretary & UAS Expert, **EUROCAE**
- **Robert Garbett**, Chairman, **British Standards Institution Committee for UK Drone Standards**

Our research found that customers for Counter-UAS solutions have trouble understanding why apparently similar solutions vary so much in cost. The fact is, there is no objective way to compare one system with another without a deep understanding of the underlying technologies, the operational environment, the threat landscape and the relative effectiveness of one solution over another in a given situation. Customers also fear making costly mistakes buying a solution that appears to work well in demonstrations but fails to deliver in the real world.

That is the focus of this 90-minute Procurement Training Day webinar. We have brought together speakers with extensive academic, research, innovation, technical, industry and operational investigative expertise to help answer the top questions in customers' minds, and in the process uncover insights and topics that need further discussion.

DAY TWO – Operations, Safety and Standards Seminar Day:

- **Andrew Staniforth**, Director of Innovation, **Saher-Europe**
- **Sam Freck**, Strategy and Legislation Lead, Counter-Drones Unit, Office for Security and Counter-Terrorism, **UK Home Office**
- **Chief Inspector Simon Bachelor**, NPCC Counter Drones, Legislation and Policy lead, **Home Office Counter Drones Unit**
- **Gilad Sahar**, Business Director of C-UAS, **NSO Shield**
- **John Vehmeyer**, Science and Technology Directorate, **U.S. Department of Homeland Security**
- **Martin Broomhead**, UK General Manager, **D-Fend Solutions**
- **Sergio Bermejo**, Specialist, C-UAS, Special Tactics Team, **EUROPOL**
- **Manfred Mohr**, Assistant Director RSFO SESAR 2020, Technical Manager, **IATA**
- **Dr. Hussain Alhallaf**, Security Director, **Riyadh Airports**

The Countering Drones Seminar Day will share perspectives on the drone threat and how it will involve into the future. Bringing together experts from Law Enforcement, subject matter experts and technology leaders, it will provide an online platform to gain meaningful insight into contemporary challenges and a forum for constructive discussions on how to improve safety and security around drones and the standards and policies that are being developed to achieve that.

6 REASONS TO ATTEND COUNTER-DRONE SYSTEM PROCUREMENT TRAINING

1. Understand the drone **threat landscape**
2. Gain a **scientific, nuanced and unbiased** understanding of the underlying technologies for counter-drone systems
3. Learn how to make an **objective comparison** between different counter-drone solutions **free from vendor bias**
4. Create a roadmap to clarify routes to vendors and procurement processes
5. Learn how to avoid costly mistakes through insights into implementations of operational counter-drone systems
6. Deepen your knowledge of upcoming standards to know what you can and cannot procure

WEDNESDAY 3RD JUNE 2020 - 0930 New York | 1430 London | 1530 Paris

All times below are London (GMT+1)

1430 MEET YOUR SESSION LEADERS**1435 MODERATOR'S OPENING REMARKS**Andrew Staniforth, Director of Innovation, **Saher-Europe****THE DRONE THREAT LANDSCAPE****1440 UNDERSTANDING THE DRONE THREAT LANDSCAPE**Dr. Garik Markarian, CEO, **Rinicom**Andrew Staniforth, Director of Innovation, **Saher-Europe****1500 AUDIENCE Q&A****C-DRONE SCIENCE 101****1505 UNDERSTANDING COUNTER-UAS TECHNOLOGIES & THE SCIENCE BEHIND IT**Dr. Clayton Stewart, Visiting Professor, **University College London****1525 AUDIENCE Q&A****1530 MAKING AN OBJECTIVE COMPARISON**Alain Vallée, Technical Secretary & UAS Expert, **EUROCAE****1550 AUDIENCE Q&A****1555 - 10 MINUTE LEG STRETCH AND APP NETWORKING****PROCUREMENT ROADMAP****1605 GETTING PROCUREMENT RIGHT**Mark Legh-Smith, CEO, **Operational Solutions****1625 AUDIENCE Q&A****1630 THE EVOLUTION OF DRONE SAFETY STANDARDS**Robert Garbett, Chairman, **BSI Committee for UK Drone Standards****1650 AUDIENCE Q&A****1655 MODERATOR'S SUMMARY REMARKS AND END OF WEBINAR DAY ONE**

5 REASONS TO ATTEND OPERATIONS, SAFETY AND STANDARDS SEMINAR DAY

1. Understand the risks and prepare for the future drone threat
2. Learn how to coordinate an effective response to drone disruption
3. Understand the differences between underlying technologies across the range of Counter-Drone solutions
4. Deepen your knowledge the regulatory environment
5. Influence future policy by contributing to discussions with key industry experts

THURSDAY 4th JUNE 2020 - 0930 New York | 1430 London | 1530 Paris

All times below are London (GMT+1)

1430 Meet your session leaders

1435 MODERATOR'S OPENING REMARKS
 **Andrew Staniforth**, Director of Innovation, **Saher-Europe**


1440 HOST NATION KEYNOTE ADDRESS

 **Sam Freck**, Strategy and Legislation Lead, Counter-Drones Unit, Office for Security and Counter-Terrorism, **UK Home Office**

 **Chief Inspector Simon Bachelor**, NPCC Counter Drones, Legislation and Policy lead, **Home Office Counter Drones Unit**

1500 AUDIENCE Q&A

1505 IMPLEMENTING ADVANCE CYBER COUNTER DRONE SOLUTION - VENDOR/AIRPORT COLLABORATION CASE STUDY

 **Gilad Sahar**, Business Director of C-UAS, **NSO Shield**

1525 AUDIENCE Q&A

1530 US DEPARTMENT OF HOMELAND SECURITY

 **John Vehmeyer**, Science and Technology Directorate, **U.S. Department of Homeland Security**

1550 AUDIENCE Q&A


1555 - 10 MINUTE LEG STRETCH AND APP NETWORKING

1605 TAKING CONTROL OF THE DRONE THREAT IN SENSITIVE ENVIRONMENTS AND SCENARIOS

 **Martin Broomhead**, UK General Manager, **D-Fend Solutions**


1625 AUDIENCE Q&A

1630 THE RELATIONSHIP BETWEEN ORGANISATIONS AND LAW ENFORCEMENT IN DRONE INCIDENTS

 **Sergio Bermejo**, Specialist, C-UAS, Special Tactics Team, **EUROPOL**

1650 AUDIENCE Q&A


1655 COUNTERING DRONES TOGETHER: HOW AIRPORTS CAN BE A MAIN PLAYER IN COUNTERING THE EVOLVING DRONE THREAT

 **Dr. Hussain Alhallaf**, Security Director, **Riyadh Airports**

1715 AUDIENCE Q&A


1720 - 10 MINUTE LEG STRETCH AND APP NETWORKING

1730 ENSURING THAT UAS AND AIRCRAFT CAN OPERATE IN CLOSE PROMXIMITY

 **Manfred Mohr**, Assistant Director RSFO SESAR 2020, Technical Manager, **IATA**

1750 AUDIENCE Q&A

1755 COUNTERING THE CBRN/BIO-TERROR DRONE THREAT

 **Professor Philipp Bleek**, Associate Professor of Nonproliferation and Terrorism Studies, **Middlebury Institute of International Studies at Monterey**

1815 AUDIENCE Q&A

1820 CHAIRMAN'S CLOSING REMARKS