

REGISTER TODAY



CBRNe

CONVERGENCE

11th Annual CBRNe World
Congress and Exhibition

6 – 8 November 2018
Rosen Plaza Hotel
Orlando,
Florida, USA



FBI WMD Directorate



Orange County
Fire & Rescue
Florida



Orlando
Fire
Department

CBRNe Convergence: Unique Benefits

- Programme planned by Gwyn Winfield, Editor of *CBRNe World* magazine.
- Expert speakers chosen from Europe, North America, South America, SE Asia and the Middle East, chosen for their insight and challenge: allowing you shortcuts to best practice.
- Pre-Congress Workshops
- *CBRNe World's* global brand, bringing delegates from over 30 countries together annually.
- Hear from the best civil and military organisations about how their recent attacks, exercises and research is improving their CBRN defence capability.
- Streamed sessions allow you to choose the presentations that fit the needs of your organisation.
- Poster presentations, so that you can appreciate some of the developments in science and technology
- Understand how you can bring civil and military forces together in such fields as CBRN, EOD and hazmat, to better prepare for the challenge.
- CBRNe exhibition of over 60 companies. Equip your organisation with some of the leading technology available
- Icebreaker and reception to allow you to maximize your networking potential.

Growing closer, staying distinct: merging civilian and military response to CBRN and IED threats

Speakers Include

- **Ronald Hann**, Director Chemical / Biological Technologies Department, DTRA
- **Eric Aubel**, Operations Officer, CBIRF
- **Prof. Randall Murch**, Virginia Polytechnic Institute and State University
- **Gareth Roberts**, Team Leader, Covert Assessment Team, South Wales Police
- **Lt. John Cassidy**, Hazardous Material Co. 1, FDNY
- **Chris Franck**, Special Agent Bomb Technician, FBI Tampa
- **Mohammad Manni**, EOD Tech, Jordan
- **Ronald Hopper**, Assistant Special Agent in Charge, FBI, Tampa Division
- **Allan Cordwell**, Head of Group Emergency Planning, Resilience & Response Unit, Northern Care Alliance NHS Group, UK
- **Michael Armistead**, Hazmat Specialist, Nashville FD
- **Mike Sommerville**, Ottawa Hazmat, Ottawa FD
- **Justin Watt**, Special Agent / Clan Lab Coordinator, LA Field Division
- **Markus Binder**, Senior Researcher, Rebecca Earnhardt, Project Manager & Jillian M. Quigley, Researcher. START University of Maryland
- **Hamish de Bretton-Gordon**, Managing Director CBRN, Avon Protection

Register online NOW at
www.cbrneworld.com/convergence2018

DAY ONE November 7

8.00 Registration and Coffee
8.45 Chairs Welcome - Major General (ret.) Steve Reeves
9.00 Plenary: **Preparing for the Unthinkable**
• Overview of the DTRA mission and the CB Technology Department Mission
• Current and emerging CB Threats • Highlights of our sponsored research
• Innovation and Out-Scienceing threats • How to do business with DTRA
Ronald Hann, Director CB Technologies Department, DTRA

9.30 Plenary: **The role of CBIRF forces in a natural disaster**
• Why the Marines? • CBIRF Capabilities • Working with CBIRF
• CBRN/CBIRF forces in an earthquake scenario
Major Erik Aubel, Operations Officer, CBIRF

10.00 Plenary: TBC

10.30 Plenary: TBC

11.00 Coffee

Stream A

11.30 – **Atomwaffen Division**

• Response to a double homicide and hostage scenario by Tampa Police Dept.
• Weapons and homemade explosives located within the residence
• Radiological material located within the residence to be used in a WMD
Chris Franck, Special Agent Bomb Technician, FBI Tampa

12.00 –
TBC

12.30 – **Pulse Nightclub**

• Summary of the law enforcement/crisis response
• A look at the resources involved after the shooting
• Where we stand today both on the case and with our LE partners
ASAC Ronald Hopper, FBI Tampa

Stream B

11.30 – **Overview of the Ottawa Fire Service's Hazmat/CBRNe Team**

• Program description – Stations, assets, staffing etc.
• Multi-jurisdictional aspects of response including Federal and Provincial entities within the departments coverage areas
• Intelligence dissemination and Threat Assessments in the lead up to HVE's
• Pre-event planning and the Integration of Police, Fire and EMS
• Canada Day, POTUS
Lt. Mike Sommerville, Ottawa Hazmat, Ottawa FD

12.00 – **Growing Pains in a Growing City**

• Competing for budget dollars to support CBRNE programs
• Supporting large special events with no budget
• Building on relationships with groups to build a more complete network
• Insight into things that have worked and not worked for us
Michael Armistead, Hazmat Specialist, Nashville FD

12.30 –
TBC

13.00 – 14.00 Lunch

Stream C Domestic Extremism

14.00 – **Synthetic Opioid Response – There's No Silver Bullet Bullets**

• Global drug epidemic and CBRN threat
• Best practices for responding to incidents involving synthetic opioids
• Rapid risk assessment techniques using visual indicators
• Utilizing risk based PPE selection
• Decon practices for various hot and warm zone scenarios
• Inter-agency response considerations
Gary Sharp, Director of Training, Federal Resources.

14.45 – **Rising Tide? Characterization of CBW by Domestic Extremists**

• Introduction to the Chemical and Biological Non-State Adversaries Database
• Analysis of U.S.-based domestic extremist use of CBW including review of ideology, education level, vocation, type of CBW material utilized, etc...
• Trajectory of CBW use in the U.S.
Markus Binder, Senior Researcher, Rebecca Earnhardt, Project Manager & Jillian M. Quigley, Researcher. START University of Maryland

Stream D Foreign extremism

14.00 – **A Strategy of Intelligence to Mitigate Risks of WMD Terrorism**

• Near-perfect intelligence on adversaries' intentions will considerably reduce risks associated with WMD terrorism provided it is understandable and actionable
• Intelligence must be horizontally, vertically and temporally integrated and available so that interventions can be tailored and desired outcomes achieved
• Near-perfect intelligence coupled with effective preparedness and agile response will raise the bar to significantly impede WMD adversaries and enablers
Prof. Randall Murch, Virginia Polytechnic Institute and State University

14.45 – **The Terrorist CBRN Threat to Mainland US and the Implications of the Nerve Agent Attack on UK Soil at Salisbury**

• POSTURE - 'survive and operate' must now be 'Survive to Operate (again)'
• Dress states – appropriate dress state, not one size fits all
• Detection – timely and accurate
• Decontamination – most casualties from cross contamination
• Agility & Flexibility – key to survival
Hamish de Bretton-Gordon, Managing Director CBRN, Avon Protection

15.30 Coffee, Poster Presentation

Stream E Narcotics

16.30 – **The challenges and experiences of deploying trace detection equipment in Theatre**

• Requirements for explosives trace detection equipment in harsh environments
• The commercial customer vs. the federal customer
• Detection probability vs screening procedures
• The importance of Con-Op development for successful deployment
Samantha Ollerton, Forensic Scientist & Security Technology Expert, Rapiscan

17.15 – **The State of Fentanyl**

• How fentanyl gets into the US and where we expect to see it in the next few years
• Current Fentanyl labs and how the DEA is processing them
• Tactical entry and considerations when entering a Fentanyl lab
• Lessons learned and how we become better
SA Watt, Clan Lab Coordinator, LA Field Division, DEA

Stream F Protection

16.30 – **How NFPA training and PPE standards Evolve to meet needs**

• NFPA 472's core competencies allow flexibility in designing training and response
• How the evolution in NFPA PPE standards complement NFPA 472 training standards
• Advances in PPE design that focus on specific response needs
• How NYC FD HazMat Tiered Response system highlights the concepts presented
Lt. John Cassidy, Hazardous Material Co. 1, FDNY

17.15 – **The Science of Decon Fundamentals**

• Why decontamination formulation chemistry matters in the destruction of CB
• Discussion of dwell time and ratio of decon formulation on CB threats
• Discuss the advantages and developments of Point-of-Use Tailorable Decon Formulations
Chris Hodge, SWA Decon Subject Matter Expert, First Line Technologies

18.00 Drinks Reception

DAY TWO November 8

9.00 Multi agency dynamic demonstration (Local, State and Federal Responders)



10.00 Plenary: TBC

10.30 Plenary: **The Increase of Chemical Devices by Terrorism**

- The improvement in terrorist thinking using chemical devices
 - Terrorist target threat criteria
 - Acquisition of raw materials
 - The use of sophisticated chemical explosives devices over the years
- Mohammad Manni, EOD Tech, Jordan

11.00 Coffee

Stream G Integrated response

11.30 – **Symptom Based Diagnostics and Biowarfare**

- The overlap between infectious disease and biowarfare
 - Disease accounts for the largest % of hospitalizations during deployment
 - Many pathogens of military significance are not traditional biothreats
 - Infectious disease diagnostics is an integral component of biodefense strategy
- Cpt Bobby Baker, WMD/HAZMAT Coordinator, Dallas Fire Rescue on behalf of BioFire Defense

12.00 – **The Dimensional Transition of Major Incident Training to Real World Response**

- Impact
- Recovery
- Clinical & Non Clinical Recommendations

Allan Cordwell, Head of Group Emergency Planning, Resilience & Response Unit, Northern Care Alliance NHS Group, UK

Stream H CBRN Situational Awareness

11.30 – **Drones for Hazardous Materials Response and Detection**

- Changing the way we respond to HazMat incidents by using drones
 - Drones, the new first out tool for reconnaissance and hazard identification
 - How drones are capable of doing the metering/detection dirty work
- Chief Chris Gould, Battalion Chief of Special Operations, & Rich Gatani, UAS Coordinator, Southern Manatee Fire Rescue

12.00 – **Making CBRN training routine activity**

- Integrated the CBRN operational environment into generalist training.
 - Encouraging generalists to support specialists
 - Realistic CBRN scenarios for generalist training
 - Training to support capability development and better define user needs
- Charles Bagshaw, CBRN Subject Matter Expert, Survitec Group

12.30 – 13.30 Lunch

Stream I Decon

13.30

Matthijs Zuidberg, Forensic Scientist, Netherlands Forensic Institute

14.15 – **Providing a reliable, ruggedized and simple CBRN decontamination system**

- One multispectral decon/detox solution effective against CWA, BWA, TICs and infectious diseases
- Decontaminates effective for aircraft and helicopter exteriors
- Delivering personal, sensitive, equipment and nuclear decontamination
- Firefighting systems for open and confined spaces

Bill Guglielmo, CEO, ITL Solutions

Stream J Rad

13.30 – **Meeting the Mission: Your instrument determines your response to radiological threat**

- The adjudication and interdiction of radiological threat requires confidence in reliable radiological and nuclear countermeasures equipment.
- Your instrument capability is directly proportional to your responsiveness. A wide safety net of capable instrumentation increases radiological/nuclear preparedness.
- The FLIR R440 Gamma and Gamma/Neutron detector is sensitive enough to aid radiation workers as they offer protection of life, health, property and commerce

Dr Nicie Murphy, Radiation Detection Product Manager, FLIR Systems

14.15 TBC

15.00 Coffee

Stream K Call For Papers I

15.30 Call for Papers

15.50 Call for Papers

16.10 Call for Papers

Stream L Call For Papers I

15.30 Call for Papers

15.50 Call for Papers

16.10 Call for Papers

17.00 Conference End

November 6. Pre-Conference Workshops: 1) CBRNE 'High Threat' Exercise

2) Mass fatality incidents

CBRNE 'High Threat' Exercise

Training and exercising need to be inextricably linked to achieve success. We often fail to use lessons identified to embed changes in our processes or practices. This workshop/exercise will gather key individuals together and by exposing them to learning material and other stimuli, allow them to consider the issues or problems that they will be presented with during the scenario. The ability to be able to quickly evaluate and characterise a scene is vital, requiring a combination of CBRNE and multi-agency skills... yet to do it surreptitiously, so that the perpetrator is unaware of it, is even more important.

14.00 – 14.30: Introduction and Current threat

14.30 – 15.15: UK interoperability and using impact assessments to determine overt/covert status

15.15 – 15.45: Coffee

15.45 – 16.05: Video on destructive terrorist methodology

16.05 – 16.45: Performing discrete scene assessment

16.45 – 17.45: Realistic Scenario TTX

17.45 – 18.00: Q&A/Hotwash

The masterclass will be given by Gareth Roberts and Chris Thomas from South Wales Police, who are regularly involved in counter terrorist investigations. They have operationally deployed to high threat CBRNE scenes at times of a known threat to planned events and other CBRNE related incidents. They will be able to talk about how they built the capability up, determine courses of action when you discover 'forks in the road' (are we dealing with Chemical manufacture, explosives, illicit narcotics?) and how they have used this in real life situations.

Who should attend:

Law enforcement, crime scene investigators, special forces, military CBRN units, EOD teams, hazmat technicians.

Mass fatality incidents

Sadly successful terrorist events are plaguing cities as far apart as London, Barcelona, Toronto and Orlando. These require not only finely honed law enforcement skills, but also the other attendant skill sets, including mortuary and pathology professionals. The workshop will deliver first-hand accounts of four major, mass fatality, incidents. The panel will present information on threat levels at the time of the incidents, a review of how the attacks unfolded, the response to and how they impacted the everyday working life of these responders. It will then focus on how the capability has changed in the aftermath of these incidents and how things would have differed if a persistent chemical agent had been used.

14.00 – 14.15: Workshop and panel introductions

14.15 – 16.15: Incident reviews

16.15 – 16.45: Coffee

16.45 – 17.30: Discussion

Who should attend:

Health professionals, mortuary managers, pathologists, law enforcement

Information on your workshop leaders is available online.

Call for papers

In addition to the bespoke line up of speakers from around the world, there will be section of the conference devoted to a response to an open call for papers on CBRNE defence. Papers can be considered for one or all categories. Speaking slots will be 20 minutes and if accepted include a poster. A speaking slot also means the paper has been accepted for publication within *CBRNe World*.

Assessment & Topics: This is an open call so any paper justifiably relevant to CBRNE or hazmat will be considered.

Financial Support: Speakers will receive free entry and may apply for a 'Hardship Grant' if necessary. Poster submissions will receive a 20% discount off government delegate rates. In order to apply or to request further information please email:

zoe.rutherford@cbrneworld.net

The deadline for submitting abstracts is 1700 EDT on 24th July 2018. The abstract should be 250-500 words long and include the following:

Background (purpose/objective/rationale of the research, relationship to other areas if any); Methods; Preliminary results; Preliminary conclusion; Potential impact to mission/warfighter (if known)

Platinum Sponsor

FLIR

FLIR is a leading supplier of field-ready products that accurately detect, classify, and identify critical CBRNE threats. FLIR offers a variety of solutions including the following products:

- Fido X2 – fast, handheld explosives trace detector (ETD) used by security teams to screen facilities and interdict threats before they cause harm
- identiFINDER R440 - lightweight, sourceless radionuclide identification device (RID) that delivers sensitive, fast, and accurate identification during secondary screening operations
- Griffin G510 - person-portable GC/MS that identifies chemical hazards within seconds so that responders can take immediate action



Gold Sponsor

CRISTANINI & ITL

CRISTANINI is a global leader in research and production of solutions for CBRN Decontamination. With more than 40 years' experience in developing decontamination systems, CRISTANINI excels at reducing the logistic, training and operator burdens through innovative, modular and multi-functional solutions for Defense and Civil Protection. Simple, Reliable...and Effective!

In the United States ITL Solutions is the Authorized Distributor for Cristanini products. ITL Solutions a leader in Military, Industrial and Commercial Systems from CBRN Decontamination to Marine Engineering. ITL Solutions is Service Disabled Veteran Owned Small Business ready to support today's requirements and tomorrow's unknowns.



Silver Sponsors

AVON PROTECTION

Avon Protection is the recognized global market leader in respiratory protection system technology specializing primarily in Military, Law Enforcement, Firefighting, and Industrial. With an unrivalled pedigree in mask design dating back to the 1920's, Avon Protection's advanced products are the first choice for Personal Protective Equipment (PPE) users worldwide.



FEDERAL RESOURCES

Federal Resources is a key provider of mission critical solutions for protection, detection and safety products for the DoD, Federal, State and local agencies. Offering total life-cycle solutions from procurement, training, management and sustainment, Federal Resources continuously advances organization segments delivering the support needed for any mission faced by responders in the hotzone.



RAPISCAN SYSTEMS

Since 1993, Rapiscan Systems has installed over 100,000 products in more than 100 countries. Our experts will help find the perfect security solution for your needs. When searching for potential bomb making materials an advanced explosives trace detector is critical. The Rapiscan Detectra is an advanced hand-held ETD system designed to detect a wide range of explosives.



BIOFIRE DEFENSE

At BioFire Defense we deliver a fully integrated suite of biological agent identification products, including the FilmArray, and RAZOR EX Systems to the biodefense and first responder community. Known for its history of releasing innovative instruments, BioFire Defense produced the first ruggedized PCR-based instrument in 1999, making possible lab quality results in the field. Our systems are able to identify dozens of the most lethal viruses and bacteria, including emerging infectious diseases. The easy-to-use, syringe-loaded system represents the next generation in automated detection systems.



FIRST LINE TECHNOLOGY

First Line Technology designs, manufactures, and supplies disaster preparedness and response equipment like our medical ambulance bus (the AmbuBus), our PhaseCore Cooling Vests, and our line of decontamination equipment. Our decon equipment includes FiberTect activated carbon dry decon, a three-layer nonwoven composite substrate for CBRN Decontamination. We work with first responders and the military to develop innovative products that make their jobs easier and their lives safer.



SURVITEC GROUP

Survitec Group ("Survitec"), leading provider of critical safety & survival technology to the marine and defence markets, is pleased to announce the completion of its merger with Wilhelmsen's marine safety business, creating a market leader in safety and survival solutions.



Bronze Sponsor

Metrohm is one of the world's leading manufacturers of precision instruments for chemical analysis. At our headquarters in Herisau in the east of Switzerland more than 450 employees develop and produce systems for all versions of ion analysis. Apart from titration, these are ion chromatography, pH and conductivity measurement, voltammetry and stability measurement. Besides this, we offer a complete portfolio for near-infrared spectroscopy, Raman spectroscopy as well as software, dosing systems, and solutions for laboratory automation.



To discuss remaining sponsorship or exhibitor opportunities please contact:

david.levitt@cbrneworld.net or james.ross@cbrneworld.net

Exhibitors – to exhibit please contact david.levitt@cbrneworld.net or james.ross@cbrneworld.net

MX908 leverages high-pressure mass spectrometry (HPMS) to deliver enhanced sensitivity and broader threat category coverage. This second-generation detection and identification tool increases mission support with unmatched flexibility and detection power for elite responders in chemical, explosive, and high priority toxic industrial chemical scenarios.



Cutting-edge equipment and training is critical when it comes to CBRN Defense. ADS is the world's premier equipment, procurement, and solutions specialist to the military and defense industry. We ensure mission safety, operational efficiency, and cost savings for our customers by partnering with leading manufacturers in CBRNE Defense. Our Purpose. Your Mission.



OUR PURPOSE.
YOUR MISSION.

Argon will be displaying a wide variety of simulators for in service CBRN detection equipment including the Smiths M4JCAD, M4A1 JCAD and a wide variety of Canberra / Mirion radiological detection simulator. Also on display will be PlumeSIM, our instrumented Live training system used by many of the world's leading CBRN training facilities including Ft. Leonard Wood.



For nearly 30 years, government agencies and industries alike have trusted Battelle to solve their most complex CBRNE defense challenges. With expertise spanning decades and dozens of inter-related scientific disciplines, Battelle is the world's largest independent R&D organization. We provide comprehensive chem-bio defense solutions for intelligence, defense, security, and first responder clients.



Decon7 Systems, LLC offers an environmentally friendly two part, non-toxic, non-corrosive decontaminant engineered to neutralize the world's greatest chemical and biological threats. The Decon7 formula can be rapidly deployed and applied as a foam, fog, spray, or mist to eliminate 99.99999% of all bacteria, viruses, spores, molds, and chemical & biological hazards.



For more than 100 years, Dräger has focused on one goal: human safety. By working closely with military, civil forces, and Special Forces, we have learned about the dangers you face on a daily basis. Dräger solutions include respiratory protection, chemical protection suits, portable gas detectors, diving equipment, and NBC/ CBRNe protection/detection.



ISOVAC designed, developed, and currently manufactures products for Chemical / Biological / Radiological isolation and containment of casualties and remains. These products are designed to mitigate the risks and adverse effects of CBRN warfare, naturally occurring disease outbreaks and pandemics (e.g., H5N1, SARS, Ebola, etc.), industrial accidents, and natural disasters.



Kromek has a portfolio of products for specific detection, identification and quantification of radioactive materials. Kromek has a standalone detector for real-time in-field isotope detection and identification. This low cost, high sensitivity system is one of the smallest in its class. With the ability to detect up to 60 unique signatures including 35 isotopes from medical, industrial and Special Nuclear Materials classes.



AirBoss Defense develops and manufactures class leading PPE that protects against CBRN and environmental threats for the defense and first responder markets. Our products feature superior ergonomics and comfort, while exceeding US and NATO requirements. An ISO registered, manufacturer of technically advanced, highest quality, patented Personal Protective Equipment; Masks, Over Boots, Gloves & Powered Air Purifying Respirators (PAPRs); rapidly deployable, durable Articulating Framed Shelters/ Decontamination Consequence Management Shelter Systems, Contaminated Patient Transportation Devices (ISOPODs), Filters and Thermal Targets & PPE are used by all branches/components in DOD, including the USMC Chemical Biological Incident Response Force (CBIRF), National Guard CBRN first response units (CSTs/FSRTs/CERF-Ps/HRFs), foreign militaries, the FBI, CIA, DOS, DOJ, DHS & civilian EMS units, hospitals and law enforcement. Our Negative Pressure Individual Isolation Transportation Systems (ISO-PODS), are in use across the U.S. and 13 countries since the Ebola and MERS crisis.



AirBoss Defense
The Ultimate Protection

BHE Robotics Ltd., is a spin-off of BHE Bonn Hungary Electronics Ltd., a highly respected space and communication enterprise of Hungary, Europe. BHE Group is a 100% Hungarian-owned company originally founded in 1991 with the aim of developing and manufacturing high performance, competitively priced RF & Microwave systems and UAS technology. www.bherobotics.com/



CQC is the sole manufacturer of specialist CBRN protective garment systems in the UK, and have over 30 years' experience in the CBRN garment manufacturing industry. With its in-house design & manufacturing capability, CQC works with material manufacturers from around the world to design, develop and test their garment systems to NATO standards, and integration with ancillary CBRN products is paramount.



The Gasmeter DX4040 - advanced, easy-to-use, truly portable FTIR Gas Analyzer is one of the most powerful instruments available for multi-gas analysis. Gasmeter provides IH/HAZMAT TEAMS a rapid and accurate solution to identify and quantify thousands of gases and vapors including TICs, CWAs, VOCs and acid gases at incident sites.



H3D offers the world's highest-performance imaging spectrometers. Quickly identifying and localizing gamma-ray sources with a single measurement, H3D is revolutionizing how measurements are performed. Imagine a handheld detector with energy resolution near HPGc, but weighing five pounds and able to startup in minutes. This is the A400. H3D also offers instruments developed with DOD DTRA



Mirion Technologies Health Physics division provides Radiation Detection and Protection Instruments. Our organization is comprised of 1000 talented professionals in total who are passionate about delivering world class products, services, and solutions for protecting people, property and the environment. Mirion Technologies offers products and services from over a dozen facilities in North America, Europe, and Asia.

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MIRION
TECHNOLOGIES

NUVIA Dynamics (formerly PICO Envirotec) develops and manufactures cutting edge radiation detection/ characterization systems ideal for undercover/remote operations, 1st response or other CBRNe tasks. Armed with an advanced radioisotope identification algorithm, our systems can be configured for airborne, vehicles, drone, robot, portable or backpack applications. Other CBRNe-related products from its sister entities are also available under the NUVIA Tech Instruments brand.



NUVIA
DYNAMICS

We have a genuine pedigree in CBRN garments through the historical supply of the Mklva and Quickdon garments. Via ongoing consultation with the supply chain and end users, previous Remploy designs have been developed and improved to meet the needs of Military, Police and First responder users.



ORTEC is a leading manufacturer of instrumentation and solutions focused on detecting and identifying Nuclear, Chemical, and Explosive threats. ORTEC's strong commitment to hardware design for critical applications has earned their products to be recognized as the "Gold Standard" for providing accurate identification solutions to the difficult challenges CBRNe missions face globally.



At Polo Custom Products we understand the current acquisition challenges as a result of defense budget reductions and how this impacts national security. We know it is essential for our dedicated warfighters around the globe to acquire the right product at "Best Value" and absolute quality. As a Small Business, our pride, quality, commitment, diverse capabilities, competitive pricing, and past performance in support of Joint DoD requirements makes us a highly qualified candidate to assist the DoD in achieving best value for our nation.



Proengin develops and manufactures biological and chemical warfare agents field detectors using flame spectrometry: AP4C-handheld chemical detector for CWA, TICS and NTAs, AP4C-V aboard wheeled, tracked, Unmanned Ground Vehicles (UGV) and Unmanned Aerial Vehicles (UAV) reconnaissance vehicles, AP4C-F for critical buildings and ships, MAB-for biological alarm, AP4C-VB and AP4C-FB for simultaneous Chemical and Biological detection.



QuickSilver Analytics is a service disabled veteran owned small business. We have been in business for nearly twenty years and have been manufacturing chemical biological radiological and explosive sampling kits since 2000. QS manufactures forensic quality kits which have been cleaned, tested and verified to not interfere with the common chemical warfare agents, their degradation products or precursors. QS has been registered under ISO 9001 for over 13 years.



Reduce fluorescence interference with the 1064nm advantage of Progeny ResQ – the new generation in handheld chemical detection. With the integration of an expanded library, increased reporting capabilities, and even friendlier software – featuring automatic threat recipe alerts by 4C Technology – Progeny ResQ provides the industry's most comprehensive chemical identification range of explosives in a handheld form.

Saab Defense and Security USA (SDAS) is a US based defense company. Both military and civil forces rely on SDAS's CBRNe solutions for protection of people and for securing operational capabilities - Automatic Warning and Report, customizable sampling equipment and certified transport packaging, services and solutions for CBRN training, individual protection and support.

3M Scott Fire & Safety is a premier manufacturer of innovative safety devices for militaries, police, firefighters, rescue-teams, and industrial workers worldwide. The 3M Scott product line includes Self Contained Breathing Apparatus (SCBA), supplied-air, air-purifying respirators, PPE, gas-detection instruments, and thermal-imaging cameras. www.scottsafety.com.



SRD Corp's next-generation SMART Sensor Technology, on a single chip, detects and analyzes a wide and comprehensive range of chemical warfare agents and toxic industrial chemicals, with expansion for explosives, with accuracy and no false alarms. The SMART Sensor has been supported by DHS, DoD, DOE, and Industry Leaders into wearable, handheld, and fixed-point chemical threat detection products. SRD's compact and proven SMART Sensor Technology enables its practical integration into other existing chemical detectors to provide true orthogonality.



Tex-Shield is the exclusive U.S. licensee of the SARATOGA chemical protective technology. "The most trusted name in chemical protective clothing." SARATOGA garments are air permeable, adsorptive systems designed to provide optimal protection against chemical agents. Tex-Shield's products include the JSLIST overgarment, HAMMER Suit, and the JPACE flight coveralls.



FAST-ACT immediately contains or neutralizes acids, bases, and other chemical hazards (including CVVAs) – safely and in a single response tool. FAST-ACT provides safety benefits beyond traditional measures. The broad range of utility makes FAST-ACT a valuable tool for a variety of environments including: public and commercial transportation, government facilities, laboratories, production facilities, shopping and entertainment venues, police, fire, and other emergency response, healthcare facilities, any place where hazardous chemicals are a potential threat.



Tracerco, part of Johnson Matthey PLC, is a world leading industrial technology company providing unique and specialised detection, diagnostic and measurement solutions. We offer an extensive range of portable radiation monitors (Personal Dosimeters, Contamination and Dose Rate Monitors) for sale and hire, complete with in-house testing and re-calibration services.



CBRNe Convergence Canada

Save the date!

15-17 April 2019

Hilton Lac Leamy, Gatineau, Ottawa

www.cbrneworld.com/CBRNe_Convergence_Canada



Delegate Registration – CBRNe Convergence 2018

Book online at www.cbrneworld.com or alternatively complete the form below.

Please return your form to the CBRNe Conference Office by Fax: +44 (0) 1962 832501 or Email: convergence@fuseevents.org
If you have any queries please contact us on +44 (0) 1543 439699

Delegate Fees

EARLY BIRD RATES until Friday 20th July 2018

Civil / Military / Government / Responders Rate: USD \$375

Commercial Rate: USD \$725

STANDARD RATES after Friday 20th July 2018

Civil / Military / Government / Responders Rate: USD \$495

Commercial Rate: USD \$850

We are also delighted to offer the following group discounts: 5-10 delegates - 20% discount 11+ delegates - 30% discount

If you would like to make a group booking please email the CBRNe Conference Office at convergence@fuseevents.org and you will receive a promotional code with further instructions on how to book online.

Personal Details

Title: e.g. Mr/Mrs/Miss _____ First Name: _____ Last Name: _____

Job Title: _____ Organisation: _____

Correspondence Address – Please note all correspondence is sent by email unless otherwise requested.

Address 1: _____

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Town/City: _____ County: _____ Postcode: _____ Country: _____

Contact Details – Please include all country and area codes

Tel No: _____ Fax No: _____ Email: _____

Delegate Package – Please choose your relevant delegate package below. Fees include, full access to all conference sessions and exhibition areas, conference materials, all refreshments during the conference, drinks reception and the demonstration on 8 November. **Accommodation and dinners are not included.**

Civil/Military/Government/Responders \$375

Commercial Enterprises \$725

I would like to attend the **CBRNE ‘High Threat’ Exercise** pre-conference workshop on the 6th of November for \$175

I would like to attend the **Mass fatality incidents** pre-conference workshop on the 6th of November for \$150

Please note the workshops run simultaneously. Please choose one.

Exhibiting – If you are interested in exhibiting at CBRNE Convergence please tick here and we will contact you with details.

Dietary Requirements – If you have any special requirements with regard to your diet, please tick below. Please be specific.

Vegetarian (eat fish) Vegetarian (do not eat fish) Vegan

Other: _____ (e.g. nut or wheat allergy / kosher / Halal) – **Please be very specific**

Booking Terms and Conditions

Agreeing to the terms and conditions means that you will be fully subject to the cancellation policy, and the total invoice amount will remain payable, even if you cancel your place before paying your fees. Substitutions may be made at no extra charge. Alternatively you may choose a credit note for the full value of the registration fee, which may be put towards another CBRNeWorld event. CBRNeWorld reserves the right to alter the programme without notice.

I confirm that I have read the registration terms and conditions and wish to continue with this booking.

Data Protection

Your name and organisation will appear on a delegate list published at the event.

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