



CBRNe SUMMIT EUROPE

URBAN MASS CASUALTY RESPONSE

Conference and Exhibition

Brno, Czech Republic

30th November – 2nd December 2021

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Speaker Line-up

- Colonel David Martinek, Director, NATO Joint CBRN Centre of Excellence
- Colonel Jurgen Schlechter, Commander, CBRN Center, Ministry of Defence, Austria
- Colonel Wolfgang Reich, Deputy Director, NATO Joint CBRN Centre of Excellence
- Colonel Vratislav Osvald, Chief Cluster Support Cell, FNC Cluster CBRN Protection, Bundeswehr
- Lieutenant Colonel Herman de Haan, Commander Defense CBRN Centre, Ministry of Defence, Netherlands
- Lieutenant Colonel Steve Jacobsen, Head of International Cooperation, Standardization and Doctrines Branch, CBRN Defence Command, Bundeswehr
- Lieutenant Colonel Jiří Matějka, Head of Chemical Service, General Directorate of Fire Rescue Service, Ministry of Interior, Czech Republic
- Police Lieutenant Colonel Nandor Kocsis, Head of CBRN Department, Counter Terrorism Centre, Hungary
- Tomáš Dropa, Director, National Institute for NBC Protection, Czech Republic
- Captain Samantha Kuema, Deputy Commander, Colorado CBRNe Enhanced Response Force Package (CERFP), U.S. Army
- Lyudmila Simeonova, Head of CBRN Department, Fire Safety and Civil Protection Chief Directorate, Ministry of Interior, Bulgaria
- Captain Michal Setnicka, HazMat Response Team, Fire Rescue Services, Ministry of Interior, Czech Republic
- Professor Roberto Mugavero, President, OSDIFE

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EVENT SCHEDULE

Tuesday 30th November 2021 – Conference and Exhibition Day One

Conference Topics

**Civil CBRNe Capabilities across Central-Eastern Europe
Pandemic Preparedness
Chem-Bio Countermeasures**



Wednesday 1st December 2021 – Conference and Exhibition Day Two

Conference Topics

**Military CBRNe Capabilities
International Cooperation between Agencies**



Thursday 2nd December 2021 – Exercise / Live Demonstration

08.30 – 13.15

Taking place at the Barracks Sumavská, University of Defence, Brno

Czech Army Agent Sampling Demonstration with Decontamination Procedures

Portal Detection System of Gamma Radiation which is designed to classify (sort) population and vehicles after an incident on Nuclear Power Plant - a container of Tisnov City of the Fire Brigade of the Southmoravian Region - demonstration

CBRN Analytical Modul of our Analytical Task Force = detection vehicle of Chemical Laboratory of Tisnov City of the Fire Brigade of the Southmoravian Region - demonstration

Bio-Detection Modul = bio-detection vehicle of our Analytical Task Force = the Chemical Laboratory of the Population Protection Institute of Lazne Bohdanec City - demonstration

Scanning Infrared Gas Imaging System SIGIS II - identification, quantification and visualization of hazardous clouds from long distances - vehicle of our Analytical Task Force = Chemical Laboratory of Population Protection Institute of Lazne Bohdanec City - demonstration of real chemicals

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PROGRAMME DAY ONE

08.30 Registration and Networking

09.00 **CHAIRMAN'S OPENING REMARKS**
Professor Roberto Mugavero, President, OSDIFE

09.10 **WELCOME ADDRESS**
Colonel David Martinek, Director, NATO Joint CBRN Centre of Excellence

CIVIL CBRNe CAPABILITIES ACROSS CENTRAL-EASTERN EUROPE
Overview of how differing civil agencies respond to a CBRNe incident within an urban area with mass casualties. Discussing the current threats faced and the response procedures including Hazmat, Decon and EOD.
Session Moderated by: Jon Hall, Director, Resilience Advisors Network

09.30 **CZECH FIRE RESCUE SERVICE RESPONSE TO A CHEMICAL INCIDENT**
Lieutenant Colonel Jiří Matějka, Head of Chemical Service, General Directorate of Fire Rescue Service of the Czech Republic



09.50 **ORITEST GROUP PRESENTATION**
Josef Orel, Director, Oritest Group
Andreas Buehler, Managing Director, Oritest Group

10.10 **CBRNe CAPABILITIES AND DEVELOPMENT ACROSS HUNGARY TO COUNTER TERRORISM**
Police Lieutenant Colonel Nandor Kocsis, Head of CBRN Department, Counter Terrorism Centre, Hungary

10.30 Networking Coffee Break



11.00 **ARGON ELECTRONICS PRESENTATION**
Steven Pike, Managing Director, Argon Electronics

11.20 **FIRE RESPONSE TO A CBRNe INCIDENT IN LISBON**
Celso Baia, Hazmat Specialist, Lisbon Fire Brigade

11.40 **RESPONSE PROCEDURES TO A CBRNe INCIDENT – BULGARIAN PERSPECTIVE**
Lyudmila Simeonova, Head of CBRN Department, Fire Safety and Civil Protection Chief Directorate, Ministry of Interior, Bulgaria



12.00 **PROENGIN PRESENTATION**
Emmanuel Delsart, Sales and Marketing Director, Proengin

12.20 **CBRNe RESPONSE IN THE URBAN ENVIRONMENT**
Inspector Mark Roberts, Emergency Planning Division, Police Service of Northern Ireland

12.40 Networking Lunch Break

13.40 **OVERVIEW OF CZECH CIVIL CBRNe CAPABILITIES**
Tomáš Dropa, Director, National Institute for NBC Protection, Czech Republic

14.00 **TERRORIST USE OF EXPLOSIVES AND CBRN MATERIALS - EU SITUATION AND TREND**
Gonçalo Simões, Head of CBRN & Explosives Team, Europol

14.20 **EXPOSURE QUANTIFICATION FOR ASSESSING THE IMPACT OF RADIOLOGICAL AND NUCLEAR TERRORISM**
Dr. Jozef Sabol, Head of Department of Crisis Management, Police Academy, Czech Republic

PANDEMIC PREPAREDNESS

During the COVID-19 pandemic it was very clear that governments were not prepared with PPE, ventilators and stockpiles of medication. This session will discuss the response to the COVID-19 pandemic and what has to be done if a future pandemic occurs.
Session Moderated by: Professor Roberto Mugavero, President, OSDIFE



14.40 **ANSELL PRESENTATION**
Senior Representative, Ansell

15.00 **UK RESPONSE AND LESSONS LEARNT FROM THE COVID-19 OUTBREAK**
Alan Cordwell, Head of Group Emergency Planning, Resilience & Response Unit, NHS

15.20 **ITALIAN PREPAREDNESS AND PROTOCOLS – HOSPITAL PERSPECTIVE**
Dr. Steve Photiou, Emergency Physician & Director of Emergency Planning, Emergency Dept., Hospital of Montebelluna (TV), Italy

15.50 Networking Coffee Break

CHEM-BIO COUNTERMEASURES

Since the nerve agent was used in the Salisbury incident there has been a great emphasis on the response procedures and countermeasures that need to be in place if such an incident was to occur again within a crowded city centre. The session will discuss Chem-Bio countermeasures and response.
Session Moderated by: Professor Roberto Mugavero, President, OSDIFE



16.20 **EMERGENT BIOSOLUTIONS PRESENTATION**
Dr. Laura Cochrane, Director, Medical and Clinical Affairs, Emergent BioSolutions

16.40 **EMERGING CBRNE THREATS AND INVESTIGATING BIOLOGICAL AND CHEMICAL TERRORISM ON THE DARKNET**
Zoran Sandev, Specialised Officer, Bioterrorism Prevention Unit, Interpol



17.00 **SERB PRESENTATION**
Senior Representative, SERB

17.20 **RESPONSE TO A CHEMICAL INCIDENT**
Captain Michal Setnicka, Hazmat Response Team, Fire Rescue Services, Ministry of Interior, Czech Republic

17.40 **CHAIRMAN'S CLOSING REMARKS**
Professor Roberto Mugavero, President, OSDIFE

18.00 – 20.00
CHAMPAGNE AND CANAPES RECEPTION

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PROGRAMME DAY TWO

08.30 Registration and Networking

09.00 **CHAIRMAN'S OPENING REMARKS**
Professor Roberto Mugavero, President, OSDIFE

MILITARY CBRNe CAPABILITIES

Overview of national armed forces CBRNe capabilities and deployment to assist in CBRNe incidents with a special focus on urban areas. Review military response to a major CBRNe attack/threat. The session will also discuss when an incident is a civil or a military situation and how the military assist civil agencies if required. Session Moderated by: Colonel Wolfgang Reich, Deputy Director, NATO Joint CBRN Centre of Excellence

09.10 **SLOVAKIAN CBRNe CAPABILITIES AND DEVELOPMENT IN RECENT YEARS**

Invited: Lieutenant Colonel Oliver Toderiska, Commander, CBRN Battalion, Slovakian Army



09.30 **ORITEST PRESENTATION**

Josef Orel, Director, Oritest Group
Andreas Buehler, Managing Director, Oritest Group

09.50 **NATO FRAME WORK NATIONS CONCEPT (FNC) CLUSTER CBRN PROTECTION - A MULTINATIONAL APPROACH ENHANCING CBRN DEFENCE CAPABILITIES**

Colonel Vratislav Osvald, Chief Cluster Support Cell, FNC Cluster CBRN Protection, CBRN Defence Command, Bundeswehr



10.10 **TELEDYNE FLIR PRESENTATION**

Huw Loaring, Regional Sales Director Europe and Africa, Detection Unmanned Systems and Integrated Solutions, Teledyne FLIR

10.30 Networking Coffee Break

11.00 **BUNDESWEHR RESPONSE TO A CBRNe THREAT AND CURRENT CAPABILITIES**

Lieutenant Colonel Steve Jacobsen, Head of International Cooperation, Standardization and Doctrines Branch, CBRN Defence Command, Bundeswehr



11.20 **CRISTANINI INNOVATIVE SYSTEMS FOR CBRN DECONTAMINATION AND DEFENSE**

Dr. Bulent Tudes, Consultant, Cristanini

11.40 **U.S. ARMY CBRNe RESPONSE FORCE – HAZARDS RESPONSE UNIT**

Captain Samantha Keuma, Deputy Commander, Colorado CBRNe Enhanced Response Force Package (CERFP), U.S. Army



12.00 **EMERGING THREATS AND RISKS - MEETING THE CHALLENGE FOR NEW CBRNe PROTECTIVE ENSEMBLE REQUIREMENTS**

Professor David Crouch, Global Subject Matter Expert - Application Engineering (Defence & Public Safety), 3M

12.20 Networking Lunch Break

13.20 **CBRNe IED/EOD THREAT SCENARIOS AND FUTURE CHALLENGES**

Lieutenant Colonel Juergen Pirolt, Director of the European Centre for Manual Neutralisation Capabilities, European Defence Agency (EDA)

13.40 **AUSTRIAN CBRNe CAPABILITIES AND RESPONSE TECHNIQUES**

Colonel Jurgen Schlechter, Commander, CBRN Center, Ministry of Defence, Austria

14.00 **THE KETO-MODEL: A DUTCH APPROACH TO CIVIL-MILITARY CBRN CO-OPERATION**

Lieutenant Colonel Herman de Haan, Commander Defense CBRN Centre, Ministry of Defence, Netherlands

14.20 **CBRNe CIVIL MILITARY COOPERATION IN BELGIUM**

Captain Geoffrey Meunier, CBRN SME for the General Staff, Strategy Department, Ministry of Defence, Belgium

14.40 Networking Coffee Break

INTERNATIONAL COOPERATION BETWEEN AGENCIES

Review of how NGOs and national agencies assist each other when dealing with a CBRNe incident. Discussing how international agencies work together to manage the threats. Session Moderated by: Professor Roberto Mugavero, President, OSDIFE

15.10 **NATO JOINT CBRN DEFENCE COE & EU HORIZON 2020 ENOTICE PROJECT - INTRODUCTION, CIVIL-MILITARY & NATO-EU COOPERATION**

Colonel Wolfgang Reich, Deputy Director, NATO Joint CBRN Centre of Excellence
Dr. Olga Vybornova, Coordinator EU HORIZON 2020 eNOTICE Project, Catholic University of Louvain

15.30 **ICRC CBRNe OPERATIONS ACROSS EUROPE – COOPERATING WITH NATIONAL AGENCIES**

Laurent Robert, Weapons Contamination, CBRN Advisor, International Committee of the Red Cross (ICRC)

15.50 **CBRN CAPACITY BUILDING**

Jirina Valentova, Security and Defence Policy, Hybrid Threats Sector, European External Action Service (EEAS)

16.10 **LATEST CHANGES TO THE UNION CIVIL PROTECTION MECHANISM – USING RescEU TO STRENGTHEN CIVIL CBRN CAPACITY**

Jon Hall QFSM, Director, Resilience Advisors Network

16.30 **CHAIRMAN'S CLOSING REMARKS**

Professor Roberto Mugavero, President, OSDIFE

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LIVE DEMO AND EXERCISE DAY THREE

Timings

08.30 – 13.15

Location

Barracks Sumavská, University of Defence, Brno

Overview of the Demonstration

The demonstration will be provided by the SIBCRA team and the 311th Chemical Biological Radiological and Nuclear Defence (31st CBRN Def RGT).

For the purpose of the demonstration, the SIBCRA team will conduct a mission in an illegal laboratory in order to take samples to provide unequivocal proof of CBRN agents.

The SIBCRA team will then conduct a survey inside of the building, collect samples to ensure their correct packaging, and prepare them for further transport to a designated laboratory for further identification.

During the entire mission the team will ensure that the integrity of the samples is not compromised from the time they were collected to the time the samples are analysed.



Agenda

- 08.30 Depart the Best Western Premier International Brno Hotel
- 08.45 Arrive at the Defence University
- 09.00 Welcome Address by the Defence University
- 09.15 Czech Army Description of what will be demonstrated
- 09.30 Czech Ministry of Interior Description of what will be demonstrated
- 09.45 Coffee Break
- 10.00 Czech Army Agent Sampling Demonstration with Decontamination Procedures
- 11.00 Demonstration of the Portal Detection System of Gamma Radiation which is designed to classification (sort) population and vehicles after an incident on Nuclear Power Plant - a container of Tisnov City of the Fire Brigade of the Southmoravian Region
- 11.30 Demonstration of the CBRN Analytical Modul of our Analytical Task Force = detection vehicle of Chemical Laboratory of Tisnov City of the Fire Brigade of the Southmoravian Region
- 12.00 Demonstration of the Bio-Detection Modul = bio-detection vehicle of our Analytical Task Force = the Chemical Laboratory of the Population Protection Institute of Lazne Bohdanec City
- 12.30 Demonstration of the Scanning Infrared Gas Imaging System SIGIS II - identification, quantification and visualization of hazardous clouds from long distances - vehicle of our Analytical Task Force = Chemical Laboratory of Population Protection Institute of Lazne Bohdanec City
- 13.00 Depart Defence University
- 13.15 Arrive at the Best Western Premier International Brno Hotel

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Since being founded in 1992 by top qualified Czech chemists that have extensive CBRN-know-how, ORITEST have been on the CBRN playground.

The company has grown to a group of companies that are now dealing in a wide range of CBRN protection, manufacturing in detection devices and instruments "from the simple detection paper up to IMS technology". Our product range includes a wide range, from detecting the most known CWA and TIC's in the form of tubes, papers and strips as well as we supply IMS based detection. We are able to customize the products according to the needs and wishes of the customer. Our portfolio also contains products for simple decontamination and riot control. A novelty in our program is the organization of CBRN training which can be tailored to customer requests.

- CWA & TIC Detection
- CWA Decontamination
- RIOT control
- Export all products under the Czech Republic License for the business with military material.

Our production is based on our own expertise and know-how. Our research and development staff have contributed to over 80 patents (mostly used in production) and contributed to more than 150 scientific publications. Our expertise originally started in the military sector and we have now expanded into the civil sector and the protection of the environment.

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With over 75 years of experience in the Defence & Public Safety domain, 3M-Scott Safety is the consultative partner of choice for integrated safety solutions to help you meet protection requirements, budgetary constraints and your ultimate goal of protecting and defending your front line. Our extensive portfolio of products, including Respiratory Protective Equipment (RPE), Thermal Imaging Camera's, Hearing Protection / Communication solutions, Eye- and Fall-Protection amongst others, combined with our deep understanding of new and emerging technologies, puts us in a unique position to help analyze, predict and support your changing Defence & Public Safety needs.



AIRSENSE Analytics GmbH is one of the worldwide leading manufacturers of innovated detection devices for hazardous substances. The safety and security equipment are used in various areas to quickly identify CBRNE threats. Our equipment is used by the Police, Special Forces and Fire Brigades. Our detection devices are also used for aircraft maintenance and monitoring of the air cabins for the Aviation industry. Other areas of application include public security for major events and infrastructure, personal protection for the military and containers for logistics. The equipment is made in Germany.



Ansell is a world leader in providing superior health and safety protection solutions that enhance human well-being. The world's need for better protection never stops, so Ansell is constantly researching, developing and investing to manufacture and distribute cutting edge product innovation and technology, marketed under well-known brands that customers trust. Operating in two main business segments, Industrial and Healthcare, Ansell is the market leader that continues to grow, employing more than 12,000 people worldwide. With operations in North America, Latin America/Caribbean, EMEA and Asia Pacific, customers in more than 100 countries around the world trust Ansell and its protection solutions. Information on Ansell and its products can be found at www.ansell.com. #AnsellProtects



Created to enable you and your CBRN / HazMat response teams to ensure their incident response capability is optimised and in a state of verifiable readiness, our powerful CBRN / HazMat training systems are in use by Military, Government and industrial organisations worldwide including the France, UK, USA, Canada, Germany, Sweden, India and Australia. Visit our exhibition booth to see for yourself how our simulation systems can enhance your organisations operational readiness in a cost effective, safe, environmentally friendly and engaging manner and arrange a free no obligation trial.



With 60 years' experience in innovation, Bertin Instruments – a brand of CNIM Group - is a leading reference in the Defense & Security market.

Designed & manufactured by its experts, Bertin's comprehensive range of cutting-edge solutions is dedicated to the detection & identification of all Chemical, Biological, Radiological & Nuclear (CBRN) threats and meets the stringent requirements of the Armed Forces & first responders, such as HAZMAT teams, firefighters, Mobile Emergency Services, etc.

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CBRNe MAGAZINE published every 2 months by Falcon Communications Ltd serves the information needs of professionals around the world charged with planning for or responding to a chemical, biological, radiological, nuclear or explosives (CBRNe) threat or incident. Spanning the divide of operational and scientific, it brings together opinion formers from the world of civil response, military leaders, academia, government agencies, research labs and industry. Combining the already merging fields of CBRN and explosives together in one magazine, editorial content is a combination of qualitative and researched news, interviews, articles, surveys and regular columns. For details on our global conference and exhibitions please visit www.cbrneworld.net

CRISTANINI CBRN DECONTAMINATION SYSTEMS

CRISTANINI is a global leader in the research and development of solutions for CBRN emergencies. 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 Defence and Civil Protection. Simple, reliable.....and effective!



ECOTEST is an experienced developer and manufacturer of over 30 high-quality radiation measurement instruments and systems which provide:

Personnel exposure monitoring, Isotope identification (SPRD & PRD), Survey Meters, Contamination and activity measurement, Area monitoring and Solutions for special purpose vehicles & ships

Our company has participated in international technical assistance programs, including the Second Line of Defense equipment program. We constantly improve our products and extend their functional capabilities according to market needs. We develop high-tech and ergonomic design solutions using the latest types of ionization radiation detectors and patented information processing equipment and methods coupled with wireless communication technologies.

The quality management system is a guarantee of the stable quality of our devices and deliveries to a customer as well as warranty and post-warranty services.

We are always willing to offer our clients an individual approach and jointly find the best solution.



Emergent is a global specialty life sciences company dedicated to one simple mission — to protect and enhance life. We are an established leader in developing, manufacturing, and delivering a portfolio of medical countermeasures for civilian and military populations that address some of the deadliest CBRNe and infectious disease public health threats.



Environics has over 30 years of experience in improving CBRN safety around the world with its in-house technologies and portable and fixed monitoring solutions. Different organizations in over 50 countries, from civil defence and homeland security to the military, have already selected Environics as their partner in CBRN threat detection.



H3D offers the world's highest-performance gamma-ray spectrometers and imaging spectrometers. From storage to measurement in less than two minutes, we guarantee 1.1% FWHM energy resolution at 662 keV in a portable package. The H series gamma-ray imaging spectrometers are used for applications in CBRNE and emergency response around the world as well as for applications in nuclear power industries, safeguards and waste management. The A400 series RIIDs are the new state-of-the-art technology for portable isotope identification in a ruggedized package. H3D also has the capability of developing custom solutions for your spectroscopy or imaging needs.



Metrohm is an international company providing chemical analysis solutions for a variety of industries. Our handheld identification systems are purpose built for the identification of toxic and hazardous chemicals, explosives, precursors and starting materials. Our customers include military, first responder and hazmat teams, and law enforcement.

Metrohm was founded in 1943 in Herisau, Switzerland, and our international presence has grown to include 80 subsidiaries and distributors across the globe.



JCBRN Defence COE Mission Statement

- Provide advice in all CBRN Defence related areas.
- Develop CBRN Defence doctrines, standards, knowledge to support improvement of interoperability and capabilities.
- Provide opportunities to enhance education and training.
- Contribute to the relevant lessons learned processes.
- Within a Program of Work approved by the Steering Committee, assist NATO, Sponsoring Nations and other international institutions/organizations in their CBRN Defence related efforts,
 - including validation through experimentation.

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NBC-Sys is a leading provider of CBRN detection, protection and decontamination solutions. For more than 70 years, we provide our Military & Civil customers with:

- Air-treatment systems for vehicles & shelters,
- Decontamination solutions for sensitive materials, vehicles, aircrafts, infrastructure and personnel,
- Individual protection, including respirators units and CBRN filter,
- Chemical & biological individual detectors and mobile detection kits.

NBC-Sys is continuously maintaining an in-house design, development, production, testing & support capability.



CBRN protective system

OUVRY specializes in the study, research, development and manufacturing of CBRN personal protective equipment (PPE) and decontamination solutions, for the civilian and military markets. Our engineering team is exceptionally well qualified and highly experienced in the fields of textiles and respiratory protection, materials selection, chemistry, and physiological factors. We are extremely conversant with the operational needs of our customers. This in-depth knowledge base and hands-on background enable us to propose innovative solutions which benefit fully from the results of our extensive ongoing R&D activities.



Proengin has developed biological and chemical warfare agents field detectors using flame spectrometry:

- AP4C, handheld chemical detector, for CWA, TICs and others (Non Traditional Agents),
- AP4C-V and AP4C-VB, aboard wheeled and tracked reconnaissance vehicles,
- AP4C-F, on critical buildings and ships,
- MAB, for biological alarm,
- AP4C-FB, for full CBRN detection.



QinetiQ develops revolutionary, rugged, reliable and multi-mission robots in a variety of sizes and with varying capabilities that support warfighters, military police and first responders with critical and dangerous missions. Deployed worldwide, our TALON®, SPUR and Dragon Runner® robots have are used to increase situational awareness, aid in safety, enhance security and support IED, EOD, and CBRN operations. With over 20 years of proven technology and over 5,000 robots sold, QinetiQ robots have proven to be dependable, reliable and even lifesaving.



Rigaku Analytical Devices is a pioneer in handheld 1064nm Raman technology for the identification of unknown hazardous chemicals and CBRNE threats. The utilization of 1064nm Raman means the Rigaku ResQ portfolio of analyzers have the ability to overcome fluorescence interference, thus providing a rapid response of less than 1 minute, the ability to scan dirty or colored substances, and the capability to scan through translucent packaging – keeping first users safer by avoiding exposure

www.rigakuanalytical.com



RMI is a leading supplier of CBRNe detection technologies operating in Central and Eastern Europe. Company is located in Czech Republic and is supporting various government organizations (both civilian and military) and HAZMAT teams in Czech Republic, Slovak Republic, Hungary, Slovenia, Croatia, Serbia, Kosovo and in some former CIS countries. We were also supporting CBRNe detection solutions for big events like Olympic Games, FIFA Championship, EURO Championship, World Expo, or EU summits. We can also offer unique complex solutions like EOD CBRNe detection toolbox, which are based on RMI's know-how in the field of application of new technologies for CBRNe detection.

We provide installation, complex operator trainings, professional warranty and after warranty service and methodical support for all our customers.

Company RMI is representing following companies: **908 Devices, AIRSENSE Analytics, BioFire Defense, FLIR CBRN detection, NIRLab, Pendar Technologies and Thermo POA**



SEC Technologies focuses on Stand-off detection and identification of airborne chemicals. **Small concentrations, far distances in kilometers and precision** matched only by point detectors will give you an unparalleled advantage. With our flagship product, Falcon 4G, you can simply visualize cloud in 3D image without necessity to have two detectors aligned for triangulation. With consumption bellow 25W it becomes reliable partner working tirelessly for the whole day on the battery. Very important as Falcon 4G will be the only stand-off detector that will see the secondary cloud. Long time after it became invisible for all passive systems due to lost of its temperature difference in the environment. Based on pulsed - low energy lasers Falcon 4G is undetectable on the battlefield.

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SERB is focused on prescription medicines which address rare and life-threatening diseases.

Following strategic acquisitions and targeted developments, SERB has succeeded in establishing a consistent portfolio of niche products to answer unmet medical needs and ensure continuous availability of life-saving medicines such as its range of CBRN medical countermeasures.



For more than 40 years, Teledyne FLIR's Detection division has safeguarded people and property by providing tools that see and sense harmful chemical, biological, radiological, nuclear, and explosives (CBRNE) substances. Intelligence, innovation, and intuitive design are featured in every Teledyne FLIR device, so responders are prepared when the need arises. Our platform of multi-use products provides cost-effective, high-performance solutions for defense, counterterrorism, homeland security, HAZMAT, law enforcement, public safety, health, environmental, and commercial organizations around the globe.

For more information on Teledyne FLIR's detection solutions, visit www.teledyneflir.com/detection



Tradeways, Ltd., founded in 1974, is the principal U.S. exporter of MIL SPEC CBRN equipment with sales in more than 60 countries. See the latest state-of-the-art biological detector and identifier, the Battelle REBS, in our booth. Full range of CBRN products.

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 - including validation through experimentation.



The Resilience Advisors Network - Supporting organisations with only the very best advice from professional practitioners. Providers of Civil Protection, Emergency Service and Disaster Management expertise from the European Union and Worldwide.



The Observatory on Security and CBRNe Defence - Osdife is a national and international reference for researchers and specialists on these fields and, for that, it contributes to experience enhancement, development and sharing by means of study, analysis, research, education, training, workshops, symposium and publications, also involving public and private institutions, agencies, organizations, associations, companies and individuals, in order to promote and encourage the development and adoption of appropriate strategies and initiatives for risks reduction and mitigation, to ensure citizens security and safety and to guarantee the integrity, defence and protection of public and private assets, territory, infrastructure and cultural heritage also in the field of CBRNe Risk and WMD Proliferation



The Department of Electronic Engineering (DIE) of University of Rome “Tor Vergata” was founded in 1983 and now counts about 150 people, including faculty, staff, and cooperating personnel. In terms of traditional scientific areas, the department’s expertise lies in the disciplines of control theory, electronics, electrical engineering, measurements, opto-electronics, telecommunications but also safety, security, defence and intelligence. However, today research is typically carried out with multi-disciplinary approaches, dealing with specific application scenarios and systems. In this since the beginning, many of the DIE teachings and research activities have had the aim to develop, deepen and promote national and international scientific and technical education, studies and researches in the field of Territorial Protection, Safety, Security and Intelligence. In particular the Research Area “Security and Defence” offers expertise in the following sectors: Homeland Security, Military Defence, Civil Defence, Civil Protection, CBRNe Risk and WMD Counterproliferation.



The “Center for Security Training and Education” (CUFS) of state University of Republic of San Marino is born in 2010 moving from an approach centered on scientific research and training to an approach oriented to the application of the discipline and to the solving of problems connected to the security area.

Starting from this first phase, the CUFS, thanks to the several professionals and skills which have been improved through years, today is an international Center of Excellence for analysis, dissemination, innovation and growing of sciences in the field of security, defence, intelligence and territorial risk. This achievement has been also possible thanks to the activities of design, development and promotion of studies, research, dissemination, networking, education and training. These activities have the objective to address and support the know-how's growth and innovation in methodologies and technologies of public and private Institutes and Organizations operating in the area of Security Defence & Intelligence. Moreover, the very same activities are applied also to specialists, technicians, experts, professionals and researchers such as to everyone who is interested in these issues.

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*** To attend the Live Exercise and Demo you have to register for the conference and exhibition**

DATA PROTECTION	TERMS AND CONDITIONS
<p>Please tick the box below if you are happy for us to share your email address with the event sponsors and exhibitors post event.</p> <p>I am happy for you to share my email address with the sponsors/exhibitors <input type="checkbox"/></p>	<p><u>Payments</u> - All bookings made prior to the conference must be paid in full to guarantee registration. Once payment has been received, an email confirmation and a receipted invoice will be sent. If payment is not made at the time of booking, registration will be provisional. Bookings received less than two weeks before the conference date can only be paid by credit card.</p> <p><u>Early Bird Rate</u> - In order to qualify for any 'early bird' rates, booking must be received before the deadline date listed in the conference marketing material.</p> <p><u>Substitutions & Cancellations</u> - Delegates may nominate an alternative person from their organisation to attend up to 24 hours prior to the start of the event, at no extra charge. Should substitution not be possible, cancellation charges apply as follows: 8 weeks or more prior to start of event: 10% of the delegate fee, 4 to 8 weeks prior to start of event: 50% of the delegate fee, 4 weeks or less prior to start of event: 100% of the delegate fee. All substitutions and cancellations must be received in writing</p> <p><u>Access Requirements</u> - Delegates should advise of any special access requirements at the time of registration.</p> <p><u>Registration Information</u> - Registration information will be sent to registered delegates by email at least seven days prior to the event. Any delegate not receiving the registration information should contact us by email to events@intelligence-sec.com</p> <p><u>Alterations to Programme - Cancellation/Postponement of Event</u> - Intelligence-Sec reserves the right to make alterations to the conference programme, venue and timings.</p> <p>In the unlikely event of the programme being cancelled by Intelligence-Sec, a full refund will be made. Liability will be limited to the amount of the fee paid by the delegate. In the event of it being found necessary, for whatever reason, that the conference is being postponed or the dates being changed, the organisers shall not be liable for any expenditure, damage or loss incurred by the delegate. If by re-arrangement or postponement the event can take place, the booking between the delegate and the organisers shall remain in force and will be subject to the cancellation schedule in paragraph 3</p> <p><u>Speakers</u> - Views expressed by speakers are their own. Intelligence-Sec cannot accept liability for advice given, or views expressed, by any speaker at the conference or in any material provided to delegates.</p> <p><u>Photography & Filming</u> - For promotional purposes, there may be a professional photographer and video production taking place during the conference. Delegates who do not wish to be filmed or recorded should advise the organisers by email to events@intelligence-sec.com prior to the event.</p> <p><u>Data Protection</u> - By submitting registration details, delegates agree to allow Intelligence-Sec and companies associated with the conference to contact them regarding their services. Delegates who do not wish to receive such communications please email events@intelligence-sec.com. The contact details of registered delegates will be placed on the attendee list which will be passed to sponsoring companies and to all attendees for them to see who is at the conference for the purpose of networking and meetings. Delegates who do not wish to be included on this list should advise at the time of booking.</p> <p><u>Websites & Links</u> - The conference and associated Intelligence-Sec websites may link to other websites and networking tools provided for the convenience of the users. The contents of these websites are maintained by their owners, for which Intelligence-Sec takes no responsibility. Neither can responsibility be taken for contents of any website linking to this website.</p> <p><u>Insurance</u> - It is the responsibility of the delegate to arrange appropriate insurance cover in connection with their attendance at the conference. Intelligence-Sec cannot be held liable for any loss, liability or damage to personal property. If you have any questions about these Terms & Conditions, please contact – events@intelligence-sec.com</p>
<p>VENUE & ACCOMMODATION</p> <p>Hotel Name: Best Western Premier Hotel International Brno Husova 200/16, CZ - 602 00 Brno, Czech Republic</p> <p>Please tick here if you would us to contact you to book your accommodation <input type="checkbox"/></p>	
<p>PAYMENT DETAILS: Please complete your details below.</p> <p><input type="checkbox"/> Wire Transfer: Barclays, 16 High Street North, Dunstable, Bedfordshire, LU6 1JZ, United Kingdom Sort Code: 20 55 33 Account Number: 53554104</p> <p><input type="checkbox"/> Payment by Credit Card via PayPal: We will send you PayPal Request for Payment (you do not need a PayPal Account to pay this way)</p>	
<p>ADDITIONAL NOTES</p>	