

NDIA ANNUAL CBRN DEFENSE CONFERENCE AND EXHIBITION

CO-SPONSORED BY JPEO-CBD



JULY 21-23, 2015

WWW.NDIA.ORG/MEETINGS/5300

ABERDEEN PROVING GROUND ▶ EDGEWOOD, MD ▶ EVENT #5300

Co-sponsorship of this event does not imply endorsement of the NDIA, its services, or products by the United States Government, the Department of Defense, or the JPEO-CBD.

SPECIAL THANK YOU TO THE PLANNING COMMITTEE:

- ▶ **COL Armando “Mandy” Lopez, Jr.,
USA (Ret)**
Tex-Shield, Inc.
NDIA CBRN Defense Division Chair

- ▶ **Mr. Bill Baugh**
Bill Baugh Associates
NDIA CBRN Defense Division
Vice Chair

- ▶ **Ms. Cicely Levingston**
Joint Program Executive Office for
Chemical and Biological Defense

- ▶ **Ms. Emma Wilson**
Joint Program Executive Office for
Chemical and Biological Defense



LETTER FROM THE CHAIRMAN

I welcome all of our attendees to the National Defense Industrial Association’s 2015 Annual Chemical, Biological, Radiological and Nuclear Defense Conference and Exhibition co-sponsored by the Joint Program Executive Office for Chemical and Biological Defense.

The NDIA CBRN Defense Division members are proud to bring you this annual conference. We are even more excited to be able to co-sponsor the event with JPEO-CBD and to have it held on the historic Aberdeen Proving Grounds - Edgewood Area, Maryland. The purpose of this conference is to promote the positive exchange of information (scientific, technical and operational) relating to the subject of defense against Weapons of Mass Destruction (WMD) and the ever growing CBRN threat around the world and in our homeland. Attendees are provided with the opportunity to understand and better support current and future CBRN joint program requirements and to identify potential business opportunities associated with each of them. We are also providing a venue by which to spotlight the emerging CBRN defense national and international technologies, along with promising research and development opportunities on the exhibit floor.

The mission of the NDIA CBRN Defense Division, who organized this week’s conference, is to promote the exchange of information - technical and operational - related to the defense against weapons of mass destruction among the Defense Department and other government agencies, industry, and academia. Areas of particular interest to the division include policy issues, program/ budget matters, research and development, acquisition, production, logistical support, training, doctrine, and organization. The scope of the division’s mission includes traditional defensive measures, chemical weapons demilitarization, treaty compliance, industrial base issues, and domestic preparedness. The focus is directed toward the acquisition of goods and services related to chemical and biological defense and includes technology development, research and engineering, procurement, and logistical support. Our principal involvement here is with the Joint Program Executive Officer-Chemical Biological Defense (JPEO-CBD). Participation in the division is open to all corporate members. If you’d like to get actively involved, please see the NDIA staff at the registration desk.

We encourage your active participation at this year’s CBRN Defense Conference and Exhibition. Your feedback is highly encouraged to ensure we continue to meet your needs.

Sincerely,
Armando “Mandy” Lopez, Jr.
Colonel, USA Retired
Chairman, CBRN Defense Division

AGENDA

MONDAY, JULY 20, 2015

- 12:00PM–5:00PM** **REGISTRATION OPEN**
12:00PM–5:00PM **EXHIBITOR MOVE IN**

TUESDAY, JULY 21, 2015

- 8:00AM–6:15PM** **REGISTRATION OPEN**
8:00AM–12:00PM **EXHIBITOR MOVE IN**
1:00PM–6:15PM **EXHIBIT HALL OPEN**
1:00PM–1:15PM **NDIA WELCOME**
 COL Armando “Mandy” Lopez, Jr., USA (Ret), *Vice President, Tex-Shield, Inc.; Chair, NDIA Chemical, Biological, Radiological and Nuclear Defense Division*
- 1:15PM–1:45PM** **KEYNOTE ADDRESS - 20TH CBRNE COMMAND**
 BG William E. King, IV, USA, *Commander, U.S. Army 20th Chemical, Biological, Radiological, Nuclear, Explosives Command*
- 1:45PM–2:15PM** **JOINT CBRND REQUIREMENTS**
 COL Scott Estes, USA, *Director, Joint Requirements Office for Chemical, Biological, Radiological and Nuclear (CBRN) Defense*
- 2:15PM–3:15PM** **NETWORKING BREAK IN EXHIBIT HALL**
- 3:15PM–3:45PM** **MAINTAINING TECHNOLOGICAL SUPERIORITY OVER OUR ADVERSARIES**
 Dr. Ronald Hann, Jr., *Director, Defense Threat Reduction Agency Chemical and Biological Technologies*
- 3:45PM–4:15PM** **READY, RELIABLE... GLOBALLY RESPONSIVE**
 BG William E. King, IV, USA, *Commander, U.S. Army 20th Chemical, Biological, Radiological, Nuclear, Explosives Command*
- 4:15PM–4:45PM** **PROJECT CAPE RAY: THE FIELD DEPLOYABLE HYDROLYSIS SYSTEM**
 Mr. Timothy A. Blades, *Director of Operations, Directorate of Program Integration Edgewood Chemical Biological Center*
- 4:45PM–6:15PM** **NETWORKING RECEPTION IN EXHIBIT HALL**

WEDNESDAY, JULY 22, 2015

7:00AM–5:00PM **REGISTRATION OPEN**

7:00AM–5:00PM **EXHIBIT HALL OPEN**

7:00AM–8:00AM **NETWORKING BREAKFAST IN EXHIBIT HALL**

8:00AM–8:15AM **NDIA WELCOME**

COL Armando “Mandy” Lopez, Jr., USA (Ret), *Vice President, Tex-Shield, Inc.; Chair, NDIA Chemical, Biological, Radiological and Nuclear Defense Division*

8:15AM–8:45AM **KEYNOTE ADDRESS**

Mr. Carmen J. Spencer, *Joint Program Executive Officer, Joint Program Executive Office - Chemical and Biological Defense*

8:45AM–9:45AM **JPEO-CBD JOINT PROJECT MANAGERS PANEL**

Moderator:

► Mr. Karl Semancik, *Vice President, Joint OPS & Analysis, Analytical Services, Inc.; Chair, Chemical Biological Defense Acquisition Initiatives Forum*

Panelists:

► COL Jeffrey Woods, USA, *Joint Project Manager - Contamination Avoidance, Joint Program Executive Office - Chemical and Biological Defense*

► Mr. Scott White, *Joint Project Manager - Information Systems, Joint Program Executive Office - Chemical and Biological Defense*

► COL James Choung, USA, *Joint Project Manager - Guardian, Joint Program Executive Office - Chemical and Biological Defense*

► Mr. Scott Paris, *Joint Project Manager - Protection, Joint Program Executive Office - Chemical and Biological Defense*

► Dr. Charles Bass, *Capability Area Program Officer, Defense Threat Reduction Agency*

► COL Russell Coleman, USA, *Joint Project Manager - Medical Countermeasure Systems, Joint Program Executive Office - Chemical and Biological Defense*

► Mr. Valentin Novikov, *Joint Project Manager - Radiological and Nuclear Defense, Joint Program Executive Office - Chemical and Biological Defense*

► Mr. Jeffrey Harris, *Joint Project Manager - Elimination, Joint Program Executive Office - Chemical and Biological Defense*

9:45AM–10:45AM **NETWORKING BREAK IN EXHIBIT HALL**

- 10:45AM–11:15AM THE TRANSITION TO OPERATIONS: AN ACWA PROGRESS REPORT**
Mr. Conrad Whyne, *Program Executive Officer, Program Executive Office, Assembled Chemical Weapons Alternatives*
- 11:15AM–11:45AM CHEMICAL CORPS REGIMENT 2025B**
BG Maria R. Gervais, USA, *Commandant, U.S. Army Chemical, Biological, Radiological and Nuclear School*
- 11:45AM–1:00PM NETWORKING LUNCH IN EXHIBIT HALL**
- 1:00PM–1:30PM CHEMICAL AND BIOLOGICAL DEFENSE: AN INTEGRATED LAYERED APPROACH**
Dr. David C. Hassell, *Deputy Assistant Secretary of Defense, Chemical and Biological Defense*
- 1:30PM–2:00PM INNOVATIVE APPROACHES TO CB DEFENSE**
Dr. Joseph L. Corriveau, *Director, U.S. Army Edgewood Chemical Biological Center*
- 2:00PM–2:30PM PROCESSES AND PRODUCTS FOR PREPARATION AND RESPONSE - THE PUBLIC HEALTH EMERGENCY MEDICAL COUNTERMEASURES ENTERPRISE**
Dr. George W. Korch, Jr., *Senior Science Advisor for the Assistant Secretary for Preparedness and Response, Department of Health and Human Services*
- 2:30PM–3:00PM PARTNERING WITH INDUSTRY**
Mr. Michael S. Abaie, *Director, Engineering Directorate, U.S. Army Edgewood Chemical Biological Center*
- 3:00PM–3:30PM CSWMD UPDATE**
Mr. John P. Caves, Jr., *Deputy Director, Center for the Study of Weapons of Mass Destruction*
- 3:30PM–5:00PM NETWORKING WITH EXHIBITORS**

THURSDAY, JULY 23, 2015

7:00AM–12:00PM **REGISTRATION OPEN**

7:00AM–12:00PM **EXHIBIT HALL OPEN**

7:00AM–8:00AM **NETWORKING BREAKFAST IN EXHIBIT HALL**

8:00AM–8:15AM **NDIA WELCOME**

COL Armando “Mandy” Lopez, Jr., USA (Ret), *Vice President, Tex-Shield, Inc.; Chair, NDIA Chemical, Biological, Radiological and Nuclear Defense Division*

8:15AM–9:45AM **LEADERSHIP PANEL**

Moderator:

► BG Dean Ertwine, USA (Ret), *Consultant, Army Alliance*

Panelists:

► Mr. Carmen J. Spencer, *Joint Program Executive Officer, Joint Program Executive Office - Chemical and Biological Defense*

► BG Maria R. Gervais, USA, *Commandant, U.S. Army Chemical, Biological, Radiological and Nuclear School*

► Dr. Ronald Hann, Jr., *Director, Defense Threat Reduction Agency Chemical and Biological Technologies*

► COL Scott Estes, USA, *Director, Joint Requirements Office for Chemical, Biological, Radiological and Nuclear Defense*

► BG William E. King, IV, USA, *Commander, U.S. Army 20th Chemical, Biological, Radiological, Nuclear, Explosives Command*

9:45AM–10:15AM **CONCLUDING REMARKS**

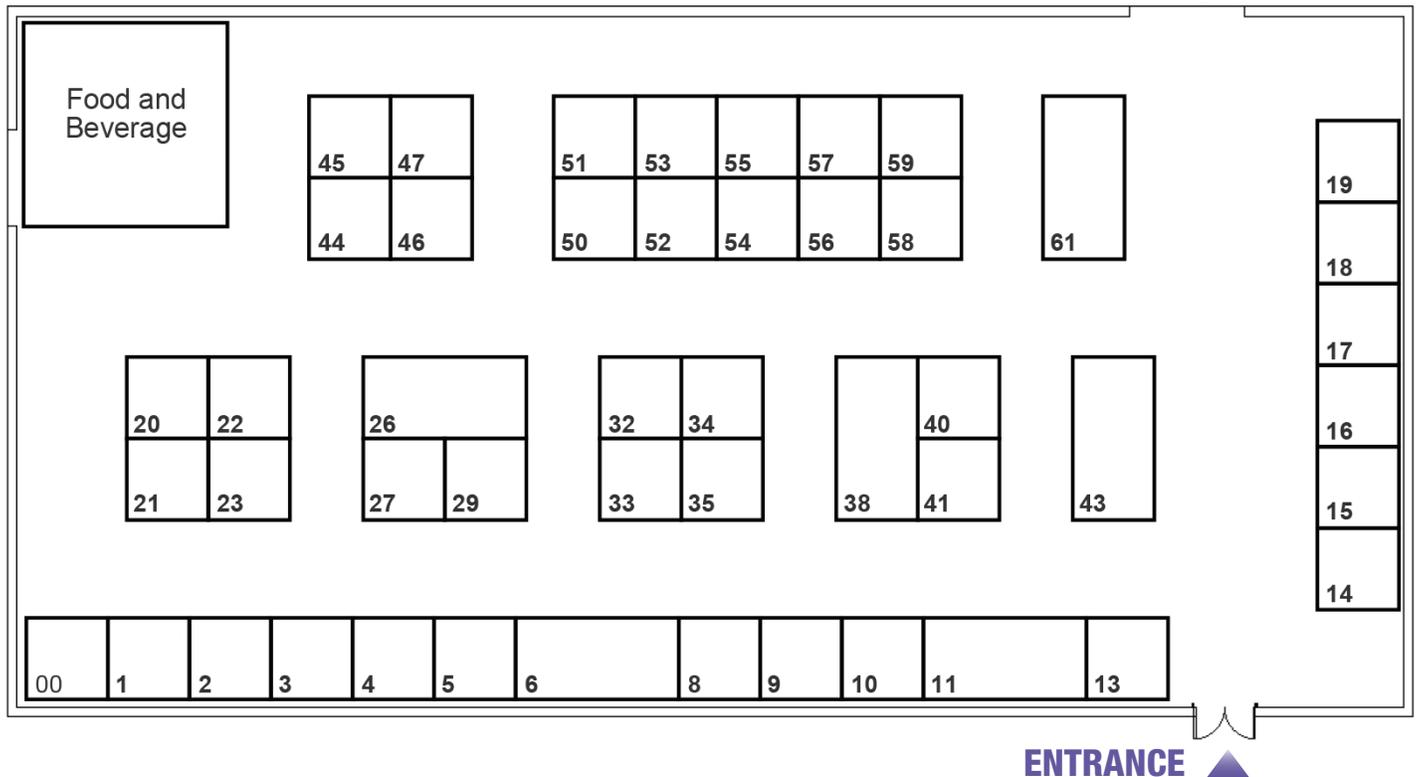
Mr. Carmen J. Spencer, *Joint Program Executive Officer, Joint Program Executive Office - Chemical and Biological Defense*

COL Armando “Mandy” Lopez, Jr., USA (Ret), *Vice President, Tex-Shield, Inc.; Chair, NDIA Chemical, Biological, Radiological and Nuclear Defense Division*

10:15AM–12:00PM **NETWORKING WITH EXHIBITORS**

12:00PM **ADJOURN**

EXHIBIT HALL INFORMATION



EXHIBITORS BY COMPANY NAME

Booth #	Company Name	Booth #	Company Name	Booth #	Company Name
00	20th CBRNE Command	08	Delta-Xray, Inc.	34	Morpho Detection, Inc.
35	908 Devices	57	Design West Technologies, Inc.	59	MRIGlobal
58	ADS	02	Edgewood Chemical Biological Center	32	Paper Pak Industries
33	AirBoss Defense	15	Emergent BioSolutions	51	PHDS Co.
04	Assembled Chemical Weapons Alternatives	56	First Line Technology, LLC	41	Proengin, Inc.
47	Avon Protection Systems, Inc.	19	FLIR Systems, Inc.	14	QuickSilver Analytics, Inc.
38	Battelle	10	GenArraytion	27	RAE Systems
55	BBI Detection	17	INFICON	09	SENTEL Corporation
20	BioFire Defense	26	iRobot Corporation	54	Smiths Detection
11	Bruker Detection Corporation	01	Joint Program Executive Office for Chemical and Biological Defense	44	SRC, Inc.
50	Camber Corporation	61	Karcher Futuretech	40	Tactical Defense Media
45	CDS Analytical, LLC	53	Kromek	13	Tex-Shield, Inc.
18	Chemical Security Analysis Center	16	Landauer, Inc.	21	The First Electronics Corporation
03	CMA Recovered Chemical Materiel Directorate	23	LAURUS Systems, Inc.	46	Thermo Scientific
22	Defense Group, Inc. /CoBRA	06	Leidos	52	UTC Aerospace Systems
05	Defense Threat Reduction Agency	29	LION	61	UTS Systems
				43	W. L. Gore & Associates, Inc.

EXHIBITORS BY BOOTH NUMBER

00 – 20th CBRNE Command

The 20th CBRNE Command is the Army's premier command combating Chemical, Biological, Radiological, Nuclear and Explosive threats facing our nation. With more than 5,000 military and civilian employees dispersed across 19 installations in 16 states, command and control of these highly trained and specialized forces resides under one headquarters. The 20th CBRNE Command provides the Army and the Nation with the capability, flexibility and responsiveness needed to achieve operational success in a variety of environments.

01 – Joint Program Executive Office for Chemical and Biological Defense

The JPEO-CBD is the Department of Defense single focal point for research, development, acquisition, fielding and life-cycle support of chemical and biological defense equipment and medical countermeasures. Within the JPEO-CBD, seven Joint Project Managers lead, manage and direct the acquisition and fielding of chemical and biological detection and reconnaissance systems, individual and collective protection systems, decontamination systems, information management systems, medical devices, drugs and vaccines, installation and force protection systems, and weapons of mass destruction elimination.

02 – Edgewood Chemical Biological Center

The Edgewood Chemical Biological Center (ECBC) will host a booth featuring general information about the Center, its core capabilities and examples of some of its novel innovative technologies. Among the technologies highlighted are the Volatile Organic Compound Test Kit (VOC kit), the Integrated Repertory and Eye Protection Scarf (IREPS), and Decontamination Gel.

03 – CMA Recovered Chemical Materiel Directorate

As part of the U.S. Army Chemical Materials Activity, the Recovered Chemical Materiel Directorate (RCMD) maintains the equipment and expertise to provide support for the assessment of recovered munitions with unknown chemical fills, and the safe destruction of recovered chemical warfare materiel, using transportable, environmentally responsible technologies.

04 – Assembled Chemical Weapons Alternatives

The Program Executive Office, Assembled Chemical Weapons Alternatives is responsible for the safe and environmentally sound destruction of the chemical weapons stockpiles stored at the Blue Grass Army Depot in Kentucky and the U.S. Army Pueblo Chemical Depot in Colorado. Please visit us at booth #4 to learn more.

05 – Defense Threat Reduction Agency

Dual-hatted as the Joint Science and Technology Office for DOD's Chemical and Biological Defense Program, the Defense Threat Reduction Agency's, Chemical and Biological Technologies Department provides innovative technology solutions to reduce the threat from weapons of mass destruction by enhancing warfighter mission capabilities in a chemical or biological threat environment.

06 – Leidos

Leidos is a science and technology solutions leader working to address some of the world's toughest challenges in national security, health, and engineering. Supporting vital government and commercial missions, we develop innovative solutions to drive better outcomes, and defend critical infrastructures from 'new world' threats. For more information, visit www.leidos.com.

08 – Delta-Xray, Inc.

Delta-Xray is principal U.S. agent for Vidisco portable X-ray systems for security apps. Our high resolution systems are used by every US federal agency/military service with EOD mission. They are 14-16 bit, 3.5+lp/mm, capable of detecting organic materials, penetrating up to 3" steel, come in case or backpack and are fully integrated with robots. Our Slider 2x2 automatically takes images and presents a stitched mosaic with up to four times the imaging area of the panels. 24x7 trouble shooting.

09 – SENTEL Corporation

SENTEL is a premier provider of engineering services, delivering innovative solutions to complex problems. SENTEL delivers solutions for C4ISR, Force Protection, E3 and CBRN Defense. Solutions ranging from JPS to JBTDS to JUPITR, with a focus on data fusion, COPs, and system/sensor integration. We offer products and services in support of

- System Engineering/Integration
- Intelligence, Surveillance and Reconnaissance
- Critical Infrastructure Protection
- Command & Control Mission Management

10 – GenArraytion, Inc.

GenArraytion, Inc. is a privately held Veteran owned small business. GenArraytion develops molecular assays for biodefense applications, infectious disease markets, environmental and forensic applications, and veterinary markets. GenArraytion's MultiFLEX™ molecular assays provide unprecedented flexibility in multiplexed molecular assays. Your Platform, Your Targets, Your Fluors, No Ceiling™. Visit www.genarraytion.com

11 – Bruker Detection Corporation

Bruker Detection is an innovative developer of a full range of high performance CBRNE detection instruments for the military, homeland security and industrial markets worldwide. Our versatile line of products includes detectors for radiation, biological agents, chemical warfare agents, toxic industrial chemicals, pollutants, drugs, explosives, and environmental compounds.

13 – Tex-Shield, Inc.

Tex-Shield is the U.S. licensee of the unique SARATOGA® chemical protective technology, the most trusted name in chemical protective textiles and garments in the world. Only SARATOGA® fabrics are qualified for use in the JSLIST chemical protective overgarment and JPACE aircrew coverall. Tex-Shield's other products include the Hammer Suit®, chemical protective undergarments, gloves, footwear, and filtration media.

14 – QuickSilver Analytics, Inc.

QuickSilver Analytics, Inc. is a SDVOSB specializing in the manufacturing and distribution of forensic quality CBRE Sampling Kits. QS is ISO 9001-2008 registered. The QSA 102 CBRE Sampling Kit is a component in the Dismounted Reconnaissance Sets, Kits and Outfits System being fielded to the U.S. Army, Navy, Air Force, Marines, and National Guard CST Teams. As a result, resupply items in the QSA 102 Kit are being awarded NSNs and will be available via DLA. QS also has a GSA Schedule - GS-07F-5852R.

15 – Emergent BioSolutions

Emergent BioSolutions™ is a specialty pharmaceutical company seeking to protect and enhance life. Emergent's Biodefense Division offers specialized products that address unconventional health threats. Visit booth #15 to learn about our exclusive portfolio of medical countermeasures for Chemical and Biological threats including: Anthrax, Chemical Warfare Agents, Small Pox vaccine complications and Botulism.

16 – Landauer, Inc.

Landauer, with over 50 years' experience, is the world's largest radiation dosimetry service provider utilizing proprietary OSL technology found in InLight and RadWatch. Both RadWatch and InLight are turnkey onsite analysis system that meets routine personnel monitoring and emergency response requirements. Dosimeters meet legal dose of record requirements through NVLAP.

17 – INFICON

HAPSITE® ER Chemical Identification Systems, the only person-portable, GC/MS, can identify trace levels of chemical warfare agents, toxic industrial chemicals, and non-toxic chemicals in air, water and soil.

18 – Chemical Security Analysis Center

The U.S. Department of Homeland Security established the Chemical Security Analysis Center (CSAC) in 2006 to assess and identify risk and vulnerabilities for planning and response to toxic chemical threats and hazards to the homeland. CSAC provides a robust knowledge repository of chemical threat information, extensive subject matter expertise in science-based chemical risk analysis and experimental test and evaluation, and a 24/7 reachback capability.

19 – FLIR Systems, Inc.

Leading supplier of field-ready, multi-purpose products that accurately detect and identify critical CBRNE and drug threats.

20 – 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. With one test you can test for dozens of the most lethal viruses and bacteria, including emerging infectious diseases. Our products and services speed up medical results, help people stay healthy and make communities more secure. Simply put, we make the world a safer and healthier place.

21 – The First Electronics Corporation

Founded in 1955, The First Electronics Corporation (FEC) specializes in the manufacture of over-molded, extra-flexible, multi-conductor, fully EMI-shielded cable assemblies, harnesses and electro-mechanical assemblies custom built for military applications and harsh environments.

22 – Defense Group, Inc. /CoBRA

Your job is difficult, your software shouldn't be. That is why CoBRA software is the First Responders First Choice. CBRNE Decision Support. Chemical/Rad/Nuke Sensor Data Management. Common Operating Picture and Situational Awareness. Emergency Management and Post Incident Structural and Financial Loss Reporting. JPEO-CBD Guardian IPP CBRN Decision Support Software. www.cobra2020.com

23 – LAURUS Systems, Inc.

LAURUS Systems, a private, woman-owned small business concern, offers a significant range of services that include instrument maintenance, radiation instrument calibration, radiation instrument and radiation awareness training and consulting. LAURUS boasts an expansive customer base in the U.S. and abroad including federal, state and local agencies, military installations, national labs, hospitals and commercial manufacturing and processing entities. Visit us at Booth #23.

26 – iRobot Corporation

iRobot's battle-tested robots provide needed assistance, investigation and protection for those in harm's way. Our array of modular, mission and application configurable unmanned ground vehicles (UGVs) have been delivered worldwide to defense forces and local law-enforcement agencies to aide and complete dangerous tasks. Our family of robots complete CBRN, EOD, Engineer, and Recon missions and provide real-time and actionable intelligence. Saving lives is our ultimate goal.

27 – RAE Systems

RAE Systems by Honeywell is a leader in delivering personal, portable and wireless sensor solutions to serve government safety markets worldwide. Products include multi-sensor chemical and radiation detection networks, wireless gas detection systems and radiation monitors for government first responder security.

29 – LION

LION is a global leader in the provision of protective clothing, equipment, uniforms and supply chain management. Safety – LION manufactures the most innovative and customized protective clothing for first responders. Readiness – LION prepares first responders to face the world's worst chemical and biological threats and readies military organizations for uncertain conditions. Identity – LION is willing to customize our product and service offerings to meet the needs of the customers.

32 – Paper Pak Industries

PPI (Paper Pak Industries) is a leading technology company specializing in the development of Chem/Bio Body Bags, BIO (Ebola) Body Bags, Body Guard Body Bags, DECON Pads and Mylar Thermal Evacuation Bags... We currently manufacture and supply our products to the U.S. Dept of Defense Forces, Homeland Security & EMS/Fire First Responders. www.paperpakapls.com

33 – AirBoss Defense

AirBoss Defense, a world leader in CBRN personal protective equipment (PPE), is an innovative, integrated company that leverages long-standing expertise and advanced technologies to develop, design and produce ergonomic products that achieve the highest quality standards. When it comes to safety and security, AirBoss Defense offers The Ultimate Protection.

34 – Morpho Detection, Inc.

Morpho Detection, part of Morpho, Safran's (PAR: SAF) security business, is a leading supplier of advanced explosives and narcotics and chemical, radiological, and nuclear detection solutions deployed by first responder, critical infrastructure, government, air and ground transportation, military and other high-risk organizations to help protect people and property the world over.

35 – 908 Devices

At 908 Devices, we are building ridiculously small, and simple purpose-built tools based on remarkable mass spectrometry technology. Our flagship product, M908, is used by leading CBRNE organizations around the world for the fast and accurate confirmation of priority chemical threats, including chemical warfare agents, toxic industrial chemicals, and precursors.

38 – Battelle

For more than 25 years, government agencies and industry alike have trusted Battelle to solve their most complex chemical and biological defense challenges. With expertise spanning dozens of inter-related scientific disciplines, unmatched test facilities, advanced product design and manufacturing, and objectivity as the world's largest independent R&D organization, Battelle provides comprehensive chem-bio defense solutions for defense, intelligence, security, medical and industrial clients.

40 – Tactical Defense Media

TDM publications provide insight into DoD and homeland security program requirements and industry technologies. Security & Border Protection and CST & CBRNE Source Book is a quarterly magazine providing updates on technology, programs, and policy trends in the homeland security and WMD-event response communities. From HAZMAT first response to cyber security to US border protection, each issue features stories on local/federal agencies and the military as well as the latest news from industry.

41 – Proengin, Inc.

PROENGIN Chemical & Biological Detection

43 – W. L. Gore & Associates, Inc.

NFPA-certified ensembles made with GORE® CHEMPAK® fabrics provide protection against toxic industrial chemicals and chemical warfare agents. At the same time, these durable fabrics allow you to move freely, remain engaged longer, and respond with added confidence that the suit and its seams will stay intact. GORE® CHEMPAK® fabrics also improve your ability to respond quickly, while enhancing mission effectiveness.

44 – SRC, Inc.

SRC is a not-for-profit research and development company and SRCTec is its high-tech manufacturing and life cycle management subsidiary. Together, they are redefining possible® with unique, next-generation solutions of national significance in defense, environment and intelligence.

45 – CDS Analytical, LLC

CDS Analytical is a leading global provider of innovative thermal sample preparation instrumentation for the analytical laboratory. For over 35 years, CDS offers a complete suite of diverse front-end GC equipment including pyrolyzers, purge and trap, headspace, and thermal desorption systems.

46 – Thermo Scientific

Thermo Scientific™ chemical identification tools deliver precise, actionable intelligence to chemical battalions, military, bomb squads and law enforcement worldwide. Built on the strength of field-proven FirstDefender™ and TruDefender™, the new Thermo Scientific™ Gemini™ analyzer is the first handheld to integrate Raman and FTIR for fast, safe, confident chemical ID results. www.thermoscientific.com/safety-chemid

47 – Avon Protection Systems, Inc.

Avon Protection Systems, a global leader in respiratory protection for the military, first responder, fire and industrial markets, boasts an unrivalled 80 year pedigree in military mask design and manufacture. Our global installation of Personal Protective Equipment (PPE) is at frontlines of today's national defense, first responders, industrial, and tactical deployment strategies.

50 – Camber Corporation

Camber's mission is to provide innovative, best-value professional services and solutions that exceed customer expectations. Camber's values are Commitment to excellence and to maintain and reward highest quality workforce with the highest standard of business ethics. Camber's Vision is to continue to grow a highly successful, universally respected, entrepreneurially oriented company.

51 – PHDS Co.

PHDS Co. is an innovative manufacturer of custom and commercial gamma-ray cameras. The latest product, the GeGI (Germanium Gamma-ray Imager), has the unprecedented ability to rapidly locate, identify and quantify radioactive sources. This is done by overlaying a gamma-ray image on an optical image to clearly show the radioactive-source identities and locations on an intuitive visual interface thus allowing security personnel to rapidly qualify potential threats.

52 – UTC Aerospace Systems

Welcome to UTC Aerospace Systems (UTAS), one of the world's largest suppliers of technologically advanced aerospace and defense products. UTAS's sensing & detection business is based in Pomona, CA. UTAS-Pomona has well over 50 years of successful experience as a premier developer and manufacturer of field analytical instruments, including long-term deployments of rugged mass spectrometers on nuclear submarines, on the Stryker NBC Reconnaissance Vehicle, and in the International Space Station.

53 – Kromek

Kromek has a portfolio of products for specific detection, identification and quantification of radioactive materials, which are differentiated by their sensitivity, high resolution and small form factor allowing unprecedented flexibility in deployment. Applications include civil radiation detection, industrial process control, environmental monitoring and personal detection use for the public.

54 – Smiths Detection

Smiths Detection is a leading provider of reliable, advanced and easy-to-use integrated security solutions for the military, homeland defense, ports and borders, transportation and critical infrastructure worldwide. Smiths Detection designs and makes advanced solutions to detect and identify threats including explosives, chemical agents, biohazards, nuclear, radiation, narcotics, weapons and contraband.

55 – BBI Detection

BBI Detection specializes in the development and supply of innovative technologies for rapid sampling and identification of biothreats and explosives to the global military, first responder, and security markets. Our IMASS™ directly samples powders, surfaces and liquids then simultaneously runs eight assays. It is straightforward use while encumbered by PPE.

56 – First Line Technology, LLC

First Line Technology designs, manufactures, and supplies disaster preparedness and response equipment like the AmbuBus®, PhaseCore® Cooling Vests, and decontamination equipment including FiberTect® Dry Decon Wipes and the new Dahlgren Decon [DD] Spray. DD is a three-component decontaminant developed by the U.S. Navy for decontamination of chemical and biological warfare agents.

57 – Design West Technologies, Inc.

Design West Technologies (DWT) is an innovative R&D and manufacturing solution provider of a complete portfolio of design, products, services and solutions in detection and protection for CBRN industry and U.S. Government. DWT is engaged in development of CNT based sensors and monitors, CBRN filters and filtration systems, as well as engineering services from proof-of concept product validation and testing, to final build and test for U.S. Government.

58 – ADS

Cutting-edge equipment and training is critical when it comes to CBRN Defense. ADS is the world's premier equipment, procurement, and support solutions specialist to the military, law enforcement, first responders, and the defense industry. We ensure mission success, operational efficiency, and cost savings for our customers by partnering with manufacturers leading the forefront of Chemical, Biological, Radiological, and Nuclear Defense equipment and training. Bring us your mission requirement!

59 – MRIGlobal

MRIGlobal, an independent research and development organization, delivers solutions in global health, national security and defense, and energy and the environment. The organization performs scientific research, advanced engineering, and program integration and management for clients in industry, government, and academia. Established in 1944 as Midwest Research Institute, MRIGlobal is based in Kansas City, Mo., and operates in nine states and Washington, D.C.

61 – Kärcher Futuretech

Kärcher Futuretech (KFT) is a worldwide supplier of decontamination systems and decontaminants. As a subsidiary of Alfred Kärcher GmbH, KFT transfers commercial technologies into ruggedized military decon systems. We have military/civil customers in over than 50 countries operating KFT's decontamination technology, from single modules to complete integrated systems performing decontamination operations.

61 – UTS Systems

UTS Systems, LLC provides integrated system solutions for CBRN Collective Protection (ColPro), Base Camps, Medical Facilities, and Command & Control. In addition, UTS Systems manufactures a complete line of shelters including Utilis and the innovative UTS Single Skin ColPro with chemical/biological barrier infused into the outer fabric.

