



MODERN WARFARE SYMPOSIUM & EXPO

21 - 23 AUG 2018 | FT. BRAGG, NC

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WELCOME LETTER



Welcome to the *2018 Modern Warfare Symposium and Expo* at Fort Bragg, North Carolina. This is the Global SOF Foundation's first Modern Warfare Symposium and Expo held jointly with the U.S. Army Special Operations Command (USASOC). The level of support we received from the Army and USASOC has been unmatched. USASOC is the largest U.S. SOF component. Their units are carrying a heavy load, so we are truly humbled by their support of this event.

In 2016 the Global SOF Foundation's Programming Committee elected to host events dedicated to the tactical units that would minimize the impact on their work, time away from home, and associated expenses. People have asked me repeatedly: why should I care about this event? The answer is easy. Most people in this nation have no idea what SOF does and why it is critical to our national security, let alone global security. SOF is being used at an unprecedented rate, and that is not going to change. People need to be smarter on what SOF does and what it does not do. The Global SOF Foundation, an educational 501(c)(3) non-profit, aims to deliver on this need with events like this to help educate people on these incredible organizations.

We hope this event takes place every year, and over time we will make them better. The Fort Bragg Conference Center is located in the heart of the nation's most deployable forces. The Conference Center is a Morale Welfare and Recreation (MWR) organization so the money goes back to the troops and their families - it does not get much better than that.

The *2018 Modern Warfare Symposium and Expo* has a world class agenda that brings together the current and future Army leaders that will talk about where the forces are now and where they are headed. We know everyone is really busy, so we appreciate your attendance.

A handwritten signature in black ink that reads "Stuart W. Bradin".

Stuart W. Bradin
President and CEO
Global SOF Foundation


WELCOME LETTER

I am pleased to welcome you to the 2018 Modern Warfare Symposium; a gathering of Allied and Partner warfighters here at Fort Bragg.

The purpose of this event is to convene Army Conventional and Special Operations Force organizations, industry, and academia to engage in conversation that aims to both educate and connect on the future of modern warfare. To do this, we have developed a series of panels that will stimulate conversation on the continuing evolution of warfare.

Tomorrow's conflicts will stress the combined effort required of the Joint Force. Collaboration between the Army, the Services, international partners, and industry is necessary to address inter-state competition and rogue regime efforts to destabilize regions across the spectrum of conflict. Together we can enhance our lethality, improve Army and Joint interoperability, strengthen partnerships and alliances, and broaden relationships to employ our capabilities to win in competition and in conflict.

It is important that we participate in conversations that challenge our perspectives and assumptions on warfare. It is my hope that this symposium will serve as a mindful and thought-provoking setting that will enhance our ability to collectively prepare our forces to be more ready every day to fight and win decisively.



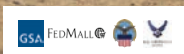
Francis M. Beaudette
Lieutenant General, USA
Commanding



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MOBILE APP

1. GET THE APP



Whova is available in the Apple and Android App Stores. Simply search "Whova" and download the app. If you do not have an Apple or Android phone, you can still access event information at <http://bit.ly/18MWSapp>

2. FIND THE MODERN WARFARE SYMPOSIUM EVENT

You will need to create a Whova account, which takes less than a minute! If you sign up with the same email address that you used to register for the Symposium, the App will direct you to the Symposium. If you use a different email address, enter code: **2018MWS**

3. EXPLORE THE APP

- **The Agenda:** Keep up-to-date with the Symposium schedule, right from the palm of your hand. You can even create your own customized agenda.
- **Logistics:** Lost or confused? Check out the Logistics button. There you will find hotel information, the venue map, and social media information.
- **Sponsors & Exhibitors:** Check out the list of amazing sponsors and find all of the Exhibitors. You can get points of contact, company information, website links, or anything else that might help you get connected.
- **Bulletin:** Have questions or comments that you'd like to share with the class? Write them on the Bulletin Board and we'll help you out ASAP.
- **Survey:** Your feedback makes us better! Answer the event questions to help us improve in the future.
- **Live Polling:** We'll be asking questions during the Symposium sessions... use the App to anonymously provide your opinion!
- **And the Grand Poobah of the app...The Attendee List:** The Attendees button lists everyone that registered for the Symposium. There you can exchange contact information, take notes, visit company websites...all in a user-friendly format. You also get to control what you share with others... so make sure you update your own entry!

SOCIAL MEDIA

The panel discussions will take place under Chatham House Rule. Please no tweeting, posting, etc. about these sessions.

THE HASHTAG

We have an event hashtag, which helps categorize your posts under the Global SOF Symposium; use it so your comments don't get lost. The hashtag for this week is **#ModernARSOF**.

THE PLATFORMS

Here's a list of the different platforms you can use to share your ideas, thoughts, comments, pictures and videos from the Symposium:

Twitter



Twitter is a great way to share photos and comments about the Symposium... Here's a few prominent Twitter accounts that you can include in your posts:

@GlobalSOF	Global SOF Foundation	@EricksonInc	Erickson, Inc.
@FulcrumCo	Fulcrum Co	@DataRobot	DataRobot
@ARMAGlobal	Arma Global	@TampaMicrowave	Tampa Microwave
@owlciberdefense	Owl Cyber Defense	@USASOCnews	USASOC News

Facebook



Facebook is a great place to join events, share pictures, and share with your personal network of friends (rather than posting to the whole world). "Like" the Global SOF Foundation to stay up-to-date on our events and see photo albums.

Follow our Page: **facebook.com/globalsof**

Mention Us in a Post: **@GlobalSOF**

LinkedIn



The "professional" home of social media, LinkedIn is the platform for business networking and news. Follow our page and request access to our group:

Join our 3,400+ Group Members: **<http://bit.ly/GlobalSOF>**

Follow our Page: **http://bit.ly/GSF_LinkedPage**

Instagram



Don't miss the GSF on IG and tag us in your event photos. Make sure you use **@globalsof** and **#ModernARSOF**.

SYMPOSIUM AGENDA

Please use the mobile app to access additional information, to include speaker biographies.

All multi-person Panel events within the Symposium are under the Chatham House Rule, meaning that participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed publicly. Keynotes and SOF Slams do not fall under this rule.

TUESDAY, AUGUST 21

7:30 a.m.-6:00 p.m.

Registration Desk Open Foyer

8:00 a.m.-6:00 p.m.

Expo Open.....Exhibit Hall and ESS Pavilion

8:00-9:00 a.m.

Morning CoffeeExhibit Hall and ESS Pavilion

9:00-9:15 a.m.

Welcome Remarks.....Lafayette Ballroom

Dr. Keenan Yoho, Vice President, Global SOF Foundation

9:15-9:45 a.m.

USASOC 2035 and Beyond.....Lafayette Ballroom

Lieutenant General Francis M. Beaudette, Commanding General, U.S. Army Special Operations Command

9:45-11:00 a.m.

Multi-Domain Battle.....Lafayette Ballroom

Moderator: Mr. Peter Bergen, Vice President, New America; National Security Correspondent, CNN; and Chairman, Global SOF Foundation

Mr. Michael Lumpkin, Vice President of Human Performance, Leidos

Colonel Darryl Mills, Senior National Representative from Canada, U.S. Central Command

Colonel (P) Allan M. Pepin, Commander, U.S. Army Special Operations Aviation Command

Colonel Chris Rizzo, U.S. Army Special Operations Command

Major General Kurt Sonntag, Commanding General, U.S. Army John F. Kennedy Special Warfare Center and School

11:00-11:30 a.m.

Morning Networking BreakExhibit Hall and ESS Pavilion

11:30 a.m.-12:30 p.m.

Senior Leader Conversation:

CF-SOF Operational Synergy Lafayette Ballroom

Moderator: Ms. Linda Robinson, Senior International Policy Analyst, Rand Corporation

Major General John Deedrick, Commanding General, 1st Special Forces Command(A)

Lieutenant General Paul LaCamera, Commanding General, XVIII Airborne Corps

SYMPOSIUM AGENDA

Please use the mobile app to access additional information, to include speaker biographies.

TUESDAY, AUGUST 21 (CONTINUED)

12:30-2:00 p.m.

Networking LunchExhibit Hall and ESS Pavilion

2:00-2:30 p.m.

Introduction to Threatcasting.....Lafayette Ballroom

Ms. Cyndi Coon, Chief of Staff, Threatcasting Lab, Arizona State University

Lieutenant Colonel Natalie Vanatta, Ph.D., Assistant Professor / Deputy Chief of Research, Army Cyber Institute (ACI)

2:30-3:45 p.m.

Countering Hybrid Threats and Tactics

in the 21st CenturyLafayette Ballroom

Moderator: Mr. Peter Bergen, Vice President, New America; National Security Correspondent, CNN; and Chairman, Global SOF Foundation

General (Ret) John R. Allen, President, Brookings Institution

Mr. Andrew F. Knaggs, Deputy Assistant Secretary of Defense for Special Operations and Combating Terrorism, Department of Defense

Lieutenant General Michael K. Nagata, Director, Directorate of Strategic Operational Planning, U.S. National Counterterrorism Center

3:45-4:00 p.m.

Closing Comments.....Lafayette Ballroom

Dr. Keenan Yoho, Vice President, Global SOF Foundation

4:00-6:00 p.m.

Networking Reception.....Exhibit Hall and ESS Pavilion



6:15-9:00 p.m.

Night Vision Demo.....The Range Complex

Join the Excelitas-Qioptiq Team to see and use our latest advanced night vision systems. The live fire demonstration is open to all Symposium and Expo attendees and active duty U.S. Military and USG representatives. Following safety briefing and orientation, BBQ dinner will be served before moving to live fire points.

This session required an additional RSVP to attend. If you would like to see if you registered, contact Sunie Davis at sunie.davis@excelitas.com.

Bus transportation departs the Symposium at 1815 and will return from the range at 2030 and 2100.

This event will take place at The Range Complex, 2850 Tiger Swan Dr., Autreyville, NC 28318.

SYMPOSIUM AGENDA

Please use the mobile app to access additional information, to include speaker biographies.

WEDNESDAY, AUGUST 22

8:00 a.m.-3:00 p.m.

Registration Desk Open.....Foyer

8:00 a.m.-1:30 p.m.

Expo Open.....Exhibit Hall and ESS Pavilion

8:00-9:15 a.m.

Morning CoffeeExhibit Hall and ESS Pavilion

9:15-9:30 a.m.

Welcome Remarks.....Lafayette Ballroom

Dr. Keenan Yoho, Vice President, Global SOF Foundation

9:30-10:15 a.m.

Keynote Speech.....Lafayette Ballroom

Major General Brian Mennes, Director, Force Management Office of the Deputy Chief of Staff, U.S. Army G-3/5/7

10:15-11:15 a.m.

Keynote Speech.....Lafayette Ballroom

Dr. Seth Jones, Harold Brown Chair, Director, Transnational Threats Project; and Senior Adviser, International Security Program, CSIS

11:15-11:45 a.m.

Morning Networking BreakExhibit Hall and ESS Pavilion

11:45 a.m.-12:15 p.m.

Neuroscience and Neurotechnology and its Applications in National Intelligence and Defense.....Lafayette Ballroom

Dr. James Giordano Ph.D., Professor, Departments of Neurology and Biochemistry and Chief, Neuroethics Studies Program, Pellegrino Center for Clinical Bioethics, Georgetown University Medical Center

12:15-1:30 p.m.

Networking Lunch &

Exhibit Hall ClosingExhibit Hall and ESS Pavilion

1:30-2:45 p.m.

Indigenous Approach in the

21st CenturyLafayette Ballroom

Moderator: *Major General (Ret) Michael Repass, Chief Executive Officer, Able Global Solutions, LLC*

Major General Gary M. Brito, Commanding General, U.S. Army Maneuver Center of Excellence

Brigadier General (P) Tony M. Fletcher, Commanding General, Special Operations Command South

Major General Mark C. Schwartz, Deputy Commander, Joint Special Operations Command

SYMPOSIUM AGENDA

Please use the mobile app to access additional information, to include speaker biographies.

WEDNESDAY, AUGUST 22 (CONTINUED)

2:45-3:00 p.m.

Closing Comments.....Lafayette Ballroom
*Brigadier General Thomas Drew, Deputy Commanding General,
U.S. Army Special Operations Command*

4:30-6:30 p.m.

No Host SocialThe Mash House
The Mash House
4150 Sycamore Dairy Rd
Fayetteville, NC 28303

THURSDAY, AUGUST 23

"SOF for Life" Transition Seminar

This is open to active duty SOF and those who have retired or separated less than two years ago (and their spouses).

7:00 a.m.-1:00 p.m.

Registration Desk Open.....Foyer

8:00 a.m.-12:00 p.m.

Phase 1: "Your Why"Hodge 3-4
Mr. Joe Musselman, Founder and CEO, The Honor Foundation

12:00-1:00 p.m.

Networking LunchCafeteria

1:00-3:00 p.m.

Phase 2: "Your Gear"Hodge 3-4
Mr. Joe Musselman, Founder and CEO, The Honor Foundation

3:00-3:30 p.m.

Afternoon Networking Break.....Foyer

3:30-5:00 p.m.

Phase 3: "Your Workup"Hodge 3-4
Mr. Joe Musselman, Founder and CEO, The Honor Foundation

Thank You to Our Coffee Break Sponsor



KEYNOTE SPEAKER BIOGRAPHIES



Lieutenant General Francis M. Beaudette

Lieutenant General Francis Beaudette assumed command, June 8, 2018, of U.S. Army Special Operations Command. Prior to commanding USASOC, Beaudette was commanding general of 1st Special Forces Command (Airborne), Fort Bragg, North Carolina. Beaudette was commissioned in 1989 as a military intelligence officer. He served as the aide-de-camp to the commanding general of the U.S. Army John F. Kennedy Special Warfare Center and School, and went on to serve as aide-de-camp to the deputy commanding general of Kosovo Forces. He commanded a Special Forces company at Fort Carson, Colorado, and in Kosovo, as well as served as a battalion executive officer and group operations officer for the 10th SFG (A), both at Fort Carson, and in Iraq. Following a tour on the Joint Staff in the J3 Deputy Directorate for Special Operations, Beaudette commanded 1st Battalion, 10th SFG (A) in Germany and Special Operations Task Force 10 in Afghanistan. He then served as the G3 and chief of staff for the U.S. Army Special Forces Command (Airborne) prior to commanding the 1st SFG (A) and the Joint Special Operations Task Force - Philippines. Beaudette then served as the executive officer to the commander, United States Special Operations Command. Beaudette served as the deputy commanding general, 1st Armored Division and Director of CENTCOM Forward (Jordan). He then served with Joint Special Operations Command as the assistant commanding general.



Dr. Seth G. Jones

Dr. Seth G. Jones holds the Harold Brown Chair, is director of the Transnational Threats Project, and is a senior adviser to the International Security Program at the Center for Strategic and International Studies (CSIS). He is also an adjunct professor at Johns Hopkins University's School of Advanced International Studies (SAIS). Prior to joining CSIS, Dr. Jones was the director of the International Security and Defense Policy Center at the RAND Corporation. He also served as representative for the commander, U.S. Special Operations Command, to the assistant secretary of defense for special operations. Before that, he was a plans officer and adviser to the commanding general, U.S. Special Operations Forces, in Afghanistan (Combined Forces Special Operations Component Command-Afghanistan). In 2014, Dr. Jones served on a congressionally mandated panel that reviewed the FBI's implementation of counterterrorism recommendations contained in the 9/11 Commission Report. Dr. Jones specializes in counterterrorism, counterinsurgency, unconventional warfare, and covert action, including a focus on al Qaeda and ISIS. He is the author of *A Covert Action: Reagan, the CIA, and the Cold War Struggle in Poland* (W.W. Norton, 2018), *Waging Insurgent Warfare* (Oxford University Press, 2016), *Hunting in the Shadows: The Pursuit of al Qaeda after 9/11* (W.W. Norton, 2012), and *In the Graveyard of Empires: America's War in Afghanistan* (W.W. Norton, 2009). Dr. Jones has published articles in a range of journals, such as *Foreign Affairs*, *Foreign Policy*, and *International Security*, as well as newspapers and magazines like the *New York Times*, *Washington Post*, and *Wall Street Journal*.

KEYNOTE SPEAKER BIOGRAPHIES



Lieutenant General Paul J. LaCamera

Lieutenant General Paul J. LaCamera was commissioned an Infantry Officer from the United States Military Academy at West Point in 1985. LTG LaCamera has commanded at the company level twice, the battalion level twice, the regimental level, and the division level. His past assignments include: the 82d Airborne Division, Fort Bragg, North Carolina; 1st Battalion, 75th Ranger Regiment, Hunter Army Airfield, Georgia; 4th Ranger Training Battalion and the 75th Ranger Regiment, Fort Benning, Georgia; 2d Infantry Division, Eighth United States Army, Republic of Korea; 10th Mountain Division (Light), Fort Drum, New York; 25th Infantry Division, Schofield Barracks, Hawaii; U.S. Army Special Operations Command, Fort Bragg, North Carolina; 4th Infantry Division, Fort Carson, Colorado; and the Office of Security Cooperation, Baghdad, Iraq. LTG LaCamera has participated in numerous contingency operations including: Operation JUST CAUSE in Panama; Task Force Ranger in Operation UPHOLD DEMOCRACY in Haiti; Operation ANACONDA in Afghanistan; and multiple rotations in support of Operation ENDURING FREEDOM, Operation IRAQI FREEDOM, Operation NEW DAWN, and most recently Operation INHERENT RESOLVE.



Major General Brian Mennes

Major General Brian Mennes graduated from the United States Military Academy, West Point, NY and was commissioned an Infantry Officer in May 1988. He served in leadership and staff positions to include: Brigade Operations Planner and Mechanized Company Commander, 1st Battalion, 5th Infantry Regiment in the Republic of Korea; Battalion Adjutant, Assistant Operations Officer and Company Commander, 3rd Ranger Battalion at Fort Benning, GA; Battalion and Brigade Operations Officer, 325th Airborne Infantry Regiment (AIR), 82d Airborne Division at Fort Bragg, NC; Operational Planner, Joint Special Operations Command (JSOC), for the unit's initial operations in Afghanistan and lead planner for JSOC's Iraq campaign, with three combat deployments; Brigade Executive Officer, 325th AIR, 82d Airborne Division, in Iraq; and, Deputy Director and Director, Simon Center for the Professional Military Ethic, USMA. He commanded the 1st Battalion, 508th Parachute Infantry Regiment (PIR), 82d Airborne Division and deployed to Afghanistan for 15 months where the unit served as the ISAF Commander's Theater Tactical Force (COIN Reserve) throughout Afghanistan. He then commanded 1st Battalion, 75th Ranger Regiment, Savannah, GA and deployed to both Afghanistan and Iraq. As a Colonel he commanded the 4th Brigade, 82d Airborne Division at Fort Bragg and deployed to Zharay (Western Kandahar) Afghanistan where he led a Combined, Joint and Interagency Task Force in support of Regional Command South. After Brigade Command he served as the Deputy Commanding General, United States Army Cadet Command, the Deputy Commanding General (Maneuver) for 2d Infantry Division (Combined), Eighth Army in the Republic of Korea, and the Director of Joint and Integration, HQDA, DCS, G-8. Currently, MG Mennes serves at the Director of Force Management, HQDA, DCS, G-3/7.

SPECIAL EVENTS

Exhibit Hall Networking Reception

Tuesday | 4:00 - 6:00 p.m.

Take this opportunity to visit with exhibitors and see the latest cutting edge products industry has to offer to improve SOF capabilities.

**Cash Bar. Light Hors d'oeuvres provided.*

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Night Vision Demo (Pre-registration Required)

Tuesday | 6:15 - 9:00 p.m.

Location: The Range Complex
2850 Tiger Swan Dr., Autreyville, NC 28318

Bus transportation departs the Iron Mike Conference Center at 1815 and will return from the range at 2030 and 2100.

No-Host Social

Wednesday | 4:30 - 6:30 p.m.

Location: The Mash House
4150 Sycamore Dairy Rd, Fayetteville, NC 28303

There's no better way to wrap up the inaugural Modern Warfare Symposium! Join us at the Mash House and keep the conversation going.

**Cash Bar. Light Hors d'oeuvres provided.*

Global SOF Foundation Mission Statement

The Global Special Operations Forces (SOF) Foundation (GSF) is a 501(c)(3) non-profit organization that aims to build and grow an international network of military, government, commercial, and educational stakeholders in order to advance SOF capabilities and partnerships to confront global and networked threats.

For more information, visit
globalsoffoundation.org.

2018▶▶▶▶

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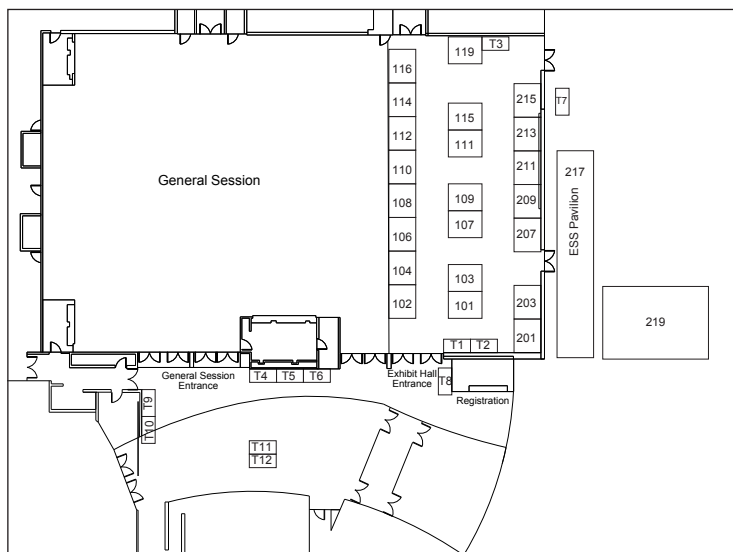
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COMPANY PROFILES



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www.avenzamaps.com/commercial-usage/military-and-intelligence.html

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Boundless Booth 110

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Bren-Tronics, Inc. Booth 102

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COMPANY PROFILES



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Darley Defense Booth T9
www.darleydefense.com

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DataRobot Booth T4

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EES / Eureka! Expeditionary Systems.....Booth 217

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Elastic Booth T5

www.elastic.co

Elastic builds software to make data usable in real time and at scale for search, logging, security, and analytics use cases. Founded in 2012, the company develops the open source Elastic Stack (Elasticsearch, Kibana, Beats, and Logstash), X-Pack (commercial features), and Elastic Cloud (a SaaS offering). Learn more at elastic.co.



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FLIR Systems.....Booth 213
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Fulcrum.....Booth 108
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Insitu, Inc.Booth 211
www.insitu.com

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J&F Alliance Group Booth 215

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NNData Booth T8

www.nndata.com

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Ntrepid Corporation Booth 119

www.ntrepidcorp.com

From corporate identity management to secure browsing, Ntrepid's patented technology leverages a 20-year history of protecting the national security community from the world's most sophisticated opponents and protects tens of thousands of users in some of the world's most demanding security environments. Visit www.ntrepidcorp.com for more information.

COMPANY PROFILES



Owl Cyber Defense SolutionsBooth 106

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Owl Cyber Defense Solutions, LLC leads the world in data diode and cross domain network cybersecurity. With a constant focus on customers in the military, government, critical infrastructure, and commercial communities, Owl develops market-first, one-way data transfer products to meet a variety of operational needs, from entry level to enterprise.



PRIVORO®

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www.radiantsolutions.com

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Team PoseidonBooth 203

www.rovingblue.com; www.forcit.fi

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Thermopylae Sciences & TechnologyBooth 209

www.t-sciences.com

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Tough Stump TechnologiesBooth 209

www.toughstump.com

Partnering with Thermopylae Sciences & Technology

Tough Stump Technologies develops solutions that simplify the collection and processing of geo-spatial data at the tactical edge, allowing professionals to export high resolution imagery onto a platform of choice.

COMPANY PROFILES



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www.Trapwire.com

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Vricon..... Booth 112
www.vricon.com

Vricon serves the global professional geospatial market with world-leading 3D geodata and 3D visualization solutions. Integrated tactical systems built upon precise, accurate 3D support mission preparation, rehearsal, and execution throughout the global theater.



World Wide Technology, Inc..... Booth 111
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