

NDIA
AT THE HEART
OF THE MISSION



32ND ANNUAL NDIA **SO/LIC SYMPOSIUM**

SOF and Strategic Competition – Access, Placement, Influence

November 3 – 4, 2021 | Washington, DC | [NDIA.org/SOLIC](https://ndia.org/SOLIC)

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NDIA

WHO WE ARE

The National Defense Industrial Association is the trusted leader in defense and national security associations. As a 501(c)(3) corporate and individual membership association, NDIA engages thoughtful and innovative leaders to exchange ideas, information, and capabilities that lead to the development of the best policies, practices, products, and technologies to ensure the safety and security of our nation. NDIA's membership embodies the full spectrum of corporate, government, academic, and individual stakeholders who form a vigorous, responsive, and collaborative community in support of defense and national security. For more than 100 years, NDIA and its predecessor organizations have been at the heart of the mission by dedicating their time, expertise, and energy to ensuring our warfighters have the best training, equipment, and support. For more information, visit NDIA.org

GET INVOLVED

Learn more about NDIA's Divisions and how to join one at NDIA.org/Divisions



SPECIAL OPERATIONS/ LOW-INTENSITY CONFLICT (SO/LIC) DIVISION

WHO WE ARE

The Special Operations/Low-Intensity Conflict Division helps industry, government, and the public understand the critical role of special operations (SO) and low-intensity conflict (LIC) forces in our national security strategy and within our military structure. The Division is composed of subject matter experts from the defense industry who, aided by government liaison participants, work to resolve difficult issues facing SO/LIC forces. The functional purview of the Division follows the roles and missions of the assistant secretary of defense for SO/LIC and the commander of U.S. Special Operations Command.

LEADERSHIP AND COMMITTEES

John Taft

Division Chair

Claire Feagley

Executive Officer

Sam Morthland

Awards Chair

Mark Owens

Symposium Chair

Eileen Parise

Awards Dinner Chair

EVENT INFORMATION

LOCATION

JW Marriott Washington, DC
1331 Pennsylvania Avenue, NW
Washington, DC 20004

WIFI

Network: NDIA_Wi-Fi
Password: 2021SOLIC

REAL-TIME Q&A



Slido is an audience engagement platform that allows users to crowd-source top questions to drive meaningful conversations and increase crowd participation. Participants can up-vote the questions they would most like to hear discussed. Simply tap the thumbs-up button to up-vote a question. Top questions are displayed for the moderator and speaker to answer. Ask your question in sessions by going to Slido!

Event code: SOLIC2021

ATTIRE

Attendees: Business or Uniform of the Day

Military Speakers: Class A

Award Dinner: Class A or Business Attire

SURVEY AND PARTICIPANT LIST

You will receive via email a survey and list of participants (name and organization) after the conference. Please complete the survey to make our event even more successful in the future.

EVENT CONTACTS

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SPEAKER GIFTS

In lieu of speaker gifts, a donation is being made to the Fisher House Foundation.

EVENT CODE OF CONDUCT

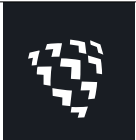
NDIA’s Event Code of Conduct applies to all National Defense Industrial Association (NDIA), National Training & Simulation Association (NTSA), and Women In Defense (WID) meeting-related events, whether in person at public or private facilities, online, or during virtual events. NDIA, NTSA, and WID are committed to providing a productive and welcoming environment for all participants. All participants are expected to abide by this code as well as NDIA’s ethical principles and practices. Visit [NDIA.org/CodeOfConduct](https://www.ndia.org/CodeOfConduct) to review the full policy.

HARASSMENT STATEMENT

NDIA is committed to providing a professional environment free from physical, psychological and verbal harassment. NDIA will not tolerate harassment of any kind, including but not limited to harassment based on ethnicity, religion, disability, physical appearance, gender, or sexual orientation. This policy applies to all participants and attendees at NDIA conferences, meetings and events. Harassment includes offensive gestures and verbal comments, deliberate intimidation, stalking, following, inappropriate photography and recording, sustained disruption of talks or other events, inappropriate physical contact, and unwelcome attention. Participants requested to cease harassing behavior are expected to comply immediately, and failure will serve as grounds for revoking access to the NDIA event.

ANTITRUST STATEMENT

NDIA has a policy of strict compliance with federal and state antitrust laws. The antitrust laws prohibit competitors from engaging in actions that could result in an unreasonable restraint of trade. Consequently, NDIA members must avoid discussing certain topics when they are together at formal association membership, board, committee, and other meetings and in informal contacts with other industry members: prices, fees, rates, profit margins, or other terms or conditions of sale (including allowances, credit terms, and warranties); allocation of markets or customers or division of territories; or refusals to deal with or boycotts of suppliers, customers or other third parties, or topics that may lead participants not to deal with a particular supplier, customer or third party.



SHIELD AI

POWERED BY

HIVEMIND®

The World's Best AI Pilot

Shield AI's Hivemind® is the leading artificial intelligence and autonomy stack for a variety of applications across the defense landscape.

Hivemind utilizes state-of-the-art path-planning, mapping, state-estimation, and computer vision algorithms, combined with reinforcement learning and simulations, to train unmanned systems to execute a variety of missions – from infantry clearance operations to breaching integrated air defense systems with unmanned aircraft.

Learn more at www.shield.ai

GROUP 5 UAS

Heron Systems' AI has been proven against human fighter pilots and other industry-leading AI pilots in simulated air combat engagements and is now transitioning to integration on operational manned aircraft.

V-BAT

The V-BAT is a radical departure from the last generation of Group 3 UAS. It offers 10 hours of flight time, transports 30 lbs payload, and enables a 95% reduction in supporting equipment compared to prior generation systems.

NOVA 2

No GPS, no comms, no pilot needed - built for the future fight, Nova 2 packs cutting-edge AI into the most advanced SUAS ever built. No environment is too complex, no mission is too difficult.

AGENDA as of November 1, 2021

WEDNESDAY, NOVEMBER 3

- 5:00 – 9:00 pm **REGISTRATION**
GRAND FOYER

- 6:00 – 9:00 pm **OPENING RECEPTION**
GRAND BALLROOM SALONS 3-4

MG James Boozer, USA (Ret)
Executive Vice President, NDIA

COL John Taft, USA (Ret)
Chair, SO/LIC Division, NDIA

Congressman Scott Peters (D-CA)
U.S. House of Representatives

THURSDAY, NOVEMBER 4

- 7:00 am – 7:00 pm **REGISTRATION**
GRAND FOYER

- 7:00 – 8:00 am **NETWORKING BREAKFAST**
GRAND FOYER

- 8:00 – 8:15 am **OPENING REMARKS**
GRAND BALLROOM

MG James Boozer, USA (Ret)
Executive Vice President, NDIA

COL John Taft, USA (Ret)
Chair, SO/LIC Division, NDIA

LTC Mark Owens, USA (Ret)
Chief Strategy Officer, True Velocity
Symposium Chair, SO/LIC Division, NDIA



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8:15 – 9:15 am

ACCELERATING AI CAPABILITIES IN STRATEGIC COMPETITION

GRAND BALLROOM

Kristen Hajduk

Federal Partnerships, Golden
Moderator

Erika Dretzka

Director, Data Management and Analytics Infrastructure for Chief Data Officer, Department of Defense

Matthew Penn

Senior Solutions Architect, NVIDIA

Scarlett Swerdlow

Deputy Director, Defense Digital Service

9:15 – 9:45 am

NETWORKING BREAK

GRAND FOYER

9:45 – 10:45 am

SOF WAY FORWARD – CULTURE, TALENT, AND ORGANIZATIONAL AGILITY

GRAND BALLROOM

Joe Mariani

Senior Research Manager, Center for Government Insights, Deloitte Services LP
Moderator

Senator Joni Ernst (R-IA)

Senator, U.S. Senate

CMSgt Gregory Smith, USAF

Senior Enlisted Leader, USSOCOM

John Forsythe

Managing Director, Deloitte Consulting LLP

10:45 – 11:35 am

EXPLORING SOF'S PEO PATHWAY – ADAPTIVE ACQUISITION FRAMEWORK

GRAND BALLROOM

Kelly Hughes

Secretariat for Special Operations, Assistant Secretary of Defense for SO/LIC
Moderator

COL Paul Weizer, USA

Program Executive Officer, SOF Digital Applications, SOF AT&L, USSOCOM

Peter Coffey

Deputy Program Executive Officer, Program Executive Office Services, USSOCOM

Kate Dolloff

Deputy Program Executive Officer, Fixed Wing, Special Operations Forces (SOF) Acquisition, Technology, & Logistics (AT&L), USSOCOM

11:35 am – 1:00 pm

LUNCH

GRAND BALLROOM

1:00 – 2:00 pm

MODERNIZE FOR STRATEGIC COMPETITION AND POSTURE FOR IRREGULAR WARFARE

GRAND BALLROOM

Elizabeth Wehr

Director, Strategy & Policy, Parsons
Moderator

LtGen Dennis Crall, USMC

Director, Command, Control, Communications, and Computers/Cyber and Chief Information Officer, Joint Staff, J6

Gavin Sundwall

Career Foreign Service Officer, Office of Policy, Planning and Resources for Public Diplomacy

2:00 – 2:45 pm

SOF CAPABILITIES IN A COMPETITIVE ENVIRONMENT

GRAND BALLROOM

COL Dean Hoffman, USA (Ret)

President, Accel Innovation Corporation
Moderator

William Innes

Deputy Director, Acquisition, USSOCOM

Dr. Timothy Grayson

Office Director, Strategic Technology Office, Defense Advanced Research Projects Agency

Heather Jo Richman

Founder, Defense Investor Network

2:45 – 3:15 pm

NETWORKING BREAK

GRAND FOYER

3:15 – 4:00 pm

SECURING OUR SUPPLY CHAIN IN AN ERA OF RENEWED STRATEGIC COMPETITION

GRAND BALLROOM

William Innes

Deputy Director, Acquisition, USSOCOM
Moderator

Aditi Kumar

Senior Advisor, Office of the Under Secretary of Defense for Acquisition & Sustainment

Chad Molter

Managing Director, GPS Supply Chain and Network Operations

4:00 – 4:45 pm

A LOOK BACK ON THE LAST 20 YEARS AS SOF SETS A VISION FORWARD

GRAND BALLROOM

Joe Mariani

Senior Research Manager, Center for Government Insights, Deloitte Services LP
Moderator

Congressman Michael Waltz (R-FL)

U.S. House of Representatives
Pre-Recorded Remarks

Lt Gen Jim Slife, USAF

Commander, United States Air Force Special Operations Command

LTG Ken Tovo, USA (Ret)

Former Special Operations Commander, U.S. Army

Dr. Barnett Koven

Adjunct Faculty Member, Joint Special Operations University

5:30 – 6:30 pm

NETWORKING RECEPTION

GRAND FOYER

6:30 – 9:00 pm

KEYNOTE ADDRESS AND AWARDS DINNER

GRAND BALLROOM

Congressman Ruben Gallego (D-AZ)

Chairman, House Armed Services Committee

Honorable Michael Vickers

Former Under Secretary of Defense for Intelligence
Rylander Awardee

LTG Michael Nagata, USA (Ret)

Strategic Advisor and Senior Vice President, CACI
DeProspero Awardee

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Deloitte's Government & Public Services practice – our people, ideas, technology, and outcomes – are all designed for impact. Our team of over 15,000+ professionals across the country bring fresh perspective to help you anticipate disruption, reimagine the possible, and fulfill your mission promise. Whether you are at the crossroads of AI and workforce transformation, cyber and IT modernization, or digital and citizen experience – we bring actionable insights to drive bold and lasting results. Our shared purpose and passion help you make an impact and improve the lives of citizens.

How can we make a difference together? Contact us to get started.

CACI

EVER VIGILANT

AWARD DINNER AND RECEPTION

CACI is helping customers adapt to a new era of national security challenges. We apply critical mission knowledge and experience to inform the development of the latest technologies to combat multi-domain threats to the mission and enterprise. From electronic warfare, to countering unmanned aircraft systems, to machine learning-powered intelligence analysis, our unique national security software and software-defined hardware technology provides decisive capabilities for our customers' modern operations. Learn more at caci.com. CACI – A National Security Company.



REGISTRATION AND LANYARDS

CAE USA is at the leading edge of digital innovation, providing training and mission support solutions across multi-domain operations – air, land, maritime, space and cyber. Our acquisition of L3Harris’ Military Training business in 2021, including Link and Doss Aviation, has enabled us to create the world’s leading pure play, platform agnostic training and simulation company serving the global defense market.

CAE is a high technology company, at the leading edge of digital immersion, providing solutions to make the world a safer place. Backed by a record of more than 70 years of industry firsts, we continue to reimagine the customer experience and revolutionize training and operational support solutions in civil aviation, defense and security, and healthcare. We are the partner of choice to customers worldwide who operate in complex, high-stakes and largely regulated environments, where successful outcomes are critical. We have the broadest global presence in our industry, with approximately 11,000 employees, 160 sites, and training locations in over 35 countries.



SHIELD AI

ELITE

Shield AI is a fast growing, venture-backed defense-technology company built around a team of proven executives, distinguished warfighters with relevant national security experience, and world-class AI engineers. The company is headquartered in San Diego, CA with satellite offices throughout the United States, Europe, the Middle East, and Asia by end of 2021. Shield AI’s mission is to protect service members and civilians with artificially intelligent systems.

Shield AI’s stand-out product is Hivemind, an autonomy and artificial intelligence stack for military and commercial aircraft. Simply put, it is self-driving technology for aircraft. Hivemind enables swarms of aircraft to maneuver fully autonomously on the edge in high threat, GPS and communication degraded environments. Since 2018, Shield AI’s Nova autonomous quadcopters, equipped with Hivemind, have been deployed across the globe by the DoD and allies.

Via Shield AI’s recent acquisition of Martin UAV, Hivemind is being integrated on the V-BAT, a 135lbs vertical takeoff and landing UAS already deployed by U.S. forces in land and maritime environments. Shield AI’s recent acquisition of Heron Systems – the AI company known for winning DARPA’s AlphaDogfight trials – enables the integration of Hivemind on Group 5 UAS, legacy and next generation fighter aircraft.

Jacobs

NETWORKING LUNCH

Jacobs has been supporting the wide array of unique and complementary capabilities of the SOF community for 25 years. We provide professionals that support USSOCOM; its Service Components USASOC, MARSOC, WARCOC, AFSOC; and its Subordinate TSOCs to include support in hostile and austere OCONUS environments. At Jacobs, we’re challenging today to reinvent tomorrow by solving the world’s most critical national security problems, turning abstract ideas into realities that transform the world for good. With \$14 billion in revenue and a talent force of approximately 55,000, Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the government and private sector.



BREAKFAST

Powered by endlessly curious people with an unwavering mission focus, Ball Aerospace pioneers discoveries that enable our customers to perform beyond expectation and protect what matters most.

We turn data into answers. Leveraging innovations in data analytics, automation and software design, we are rapidly deploying robust, modular, and open systems within time-critical mission requirements and at lower costs, enabling warfighter effectiveness.

BAE SYSTEMS

NETWORKING BREAK

BAE Systems, Inc. and its 35,000 people are part of a global defense, aerospace and security company with 89,600 employees worldwide. We deliver products and services for air, land, sea and space, as well as advanced electronics, intelligence, security, and IT solutions and support services. Our dedication shows in everything we design, produce and deliver— to protect those who protect us in a high-performance, innovative culture. We push the limits of possibility to provide a critical advantage to our customers where it counts.



PATRIOT

Huckworthy specializes in fixing wireless connectivity problems in any environment, any location. With a mix of in house & partner products Huckworthy offers tailored solutions to larger Systems Integrators & select Government clients.

Huckworthy's solutions include:

- Turnkey, portable & custom "a la carte" designed Private LTE & 5G networks with exclusive in-roaming, 3rd party carrier authentication, intelligence, & spectrum acquisition/management options
- Proven hybrid 4G LTE & Mesh Radio Network solutions optimized for rapid deployment, flight lines & high mobility/interference prone locations
- HighRes AI video & IR sensors to detect, track, trace & alert on water borne objects
- Encrypted communications solutions for government & business
- Huckworthy also provides consulting & technology sourcing services

Huckworthy is a DC based small business with over 28 years' experience in wireless networking. Huckworthy is a former Boeing protégé under the DoD Mentor Protégé Partner Program.



PATRIOT



TRIBUTE VIDEO