NDIA
AT THE HEART OF THE MISSION

NDIA
NATIONAL SECURITY AI
CONFERENCE & EXHIBITION

Strength through Innovation

March 23 – 25, 2021 | NDIA.org/NSAICE

TABLE OF CONTENTS

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**

WELCOME TO NDIA NATIONAL SECURITY AI CONFERENCE AND EXHIBITION

On behalf of the National Defense Industrial Association (NDIA), I welcome you to the National Security AI Conference and Exhibition (NSAICE). This first-time event will focus on strength through innovation in AI across government, industry, and academia to develop AI solutions, discover federal AI initiatives, and explore real-world AI technology. Join us in leveraging AI to strengthen the safety and security of the United States and our allies.

While this year's conference is being conducted in a virtual format, I urge you all to actively participate in session discussions and Q&As as well as join our various networking opportunities. I also invite you all to share your experiences via social media.

That way, we can further grow our networks and expand the dialogue, even after our virtual event ends.

In addition to NSAICE, we are pleased to welcome the National Security Commission on AI's public co-located conference focused on public-private partnerships for AI and national security.

We are pleased that you are joining us over the next three days for this inaugural event and wish you all a very productive and beneficial conference!

Gen Hawk Carlisle, USAF (Ret
President and Chief Executive Officer
National Defense Industrial Association

EVENT INFORMATION

WEBSITE	NDIA.org/NSAICE
EVENT THEME	Strength through Innovation
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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PLANNING COMMITTEE

Kevin McGinnis
National Security Commission on AI

Shane Shaneman
Carnegie Mellon University

SPEAKER GIFTS

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

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.

ANTI–TRUST 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.

AGENDA

10:00 – 10:10 am EDT   **WELCOME REMARKS**
Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, National Defense Industrial Association (NDIA)

10:10 – 11:00 am EDT   **OPENING KEYNOTE**
LtGen Michael Groen, USMC
Director, Joint Artificial Intelligence Center (JAIC), U.S. Department of Defense

11:00 – 11:20 am EDT   **EXHIBIT/NETWORKING BREAK**

11:20 am – 12:20 pm EDT   **MORNING KEYNOTE**
Joan Johnson
Deputy Assistant Secretary, Research, Development, Test, & Engineering, U.S. Navy

12:20 – 12:45 pm EDT   **EXHIBIT/NETWORKING BREAK**

12:45 – 1:45 pm EDT   **CONGRESSIONAL PERSPECTIVE PANEL**
Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, NDIA
Moderator

Rep Jim Langevin (D-RI)
Chairman, Subcommittee on Cyber, Innovative Technologies, & Information Systems

Rep Elise Stefanik (R-NY)
Ranking Member, Subcommittee on Cyber, Innovative Technologies, & Information Systems

1:45 – 2:05 pm EDT   **EXHIBIT/NETWORKING BREAK**

JOIN THE CONVERSATION

@NDIAToday   @NDIAMembership   NDIA.org/LinkedIn   @NDIAToday   @NDIAToday

2:05 – 2:45 pm EDT

AFTERNOON KEYNOTE

Mike Brown
Director, Defense Innovation Unit (DIU)

2:45 – 3:45 pm EDT

AI for Manufacturing and Supply Chain: AI for Manufacturing and Industrial Applications

Mike Molnar, PE SES
Founding Director,
Advanced Manufacturing Office,
National Institute of Standards
and Technology
Moderator

Brad Keywell
Founder and Chief Executive Officer,
Uptake

Adam Fry
Lead Product Manager, Covariant.ai

AI for Energy and Infrastructure: AI at DOE

Dr. Frederick Streitz
Chief Science Advisor, Artificial
Intelligence and Technology Office,
Department of Energy (DOE)
Moderator

Irene Qualters
Associate Laboratory Director,
Simulation & Computation,
Los Alamos National Laboratory

AI for Transportation and Logistics: AI for Flight Simulation and Training

Col Dan Javorsek, USAF
Program Manager, Gamebreaker,
Strategic Technology Office (STO),
Defense Advanced Research Projects
Agency (DARPA)
Moderator

Dr. Timothy Grayson
Director, STO, DARPA

Lt Col Eric Frahm, USAF
Lead, Science & Technology, Pilot
Training Transformation, 19th Air Force;
Liaison Officer to DIU

3:45 – 4:05 pm EDT

EXHIBIT/NETWORKING BREAK

4:05 – 5:05 pm EDT

AI for Defense Intelligence and Homeland Security: DoD Disrupted: The New AI Companies for Defense

Lindsey Sheppard
Fellow, International Security Program
Moderator

Brandon Tseng
Chief Operating Officer, Shield AI

Chris Brose
Chief Strategy Officer,
Anduril Industries

Using AI to Understand Relationships Between People, Places, and Things: What Are Knowledge Graphs and Why Should DoD Use Them Now?

Carol Smith
Senior Research Scientist,
Human Machine Interaction,
Software Engineering Institute,
Carnegie Mellon University
Moderator

Jared Dunnmon
Technical Director, Artificial
Intelligence & Machine Learning, DIU

Jaime Fitzgibbon
Program Manager, Artificial
Intelligence & Machine Learning, DIU;
Founder, Ren.ai.ssance Insights

Brian Drake
S&T Director, Artificial Intelligence,
Future Capabilities and Innovation
Office, Defense Intelligence Agency

William Sears
Senior Intelligence Officer,
Innovation & Information Division
(J22i2), U.S. Africa Command

Harnessing the Pace of Innovation in AI: University Research Perspectives Panel

Dr. J. Michael McQuade
Vice President, Research,
Carnegie Mellon University
Moderator

Dr. Sethuraman Panchanathan
Director, National Science
Foundation

Daniela Rus
Director, Computer Science and
Artificial Intelligence Laboratory,
Massachusetts Institute of
Technology (MIT)

5:05 – 5:25 pm EDT	**EXHIBIT/NETWORKING BREAK**		

5:25 – 5:55 pm EDT	**AI Priorities, Requirements, and Funding Opportunities: JADC2/ABMS Requirements**	**AI for Manufacturing and Supply Chain: AI & Microelectronics**	**AI Priorities, Requirements, and On-Ramps for Industry-Military Teaming**
	Preston Dunlap Chief Architect, Deparment of the Air and Space Forces	**James Chew** Senior Global Group Director, Aerospace & Defense, Cadence Design Systems	**CAPT George Galdorisi, USN (Ret)** Director, Strategic Assessments & Technical Futures, Naval Information Warfare Center Pacific

5:55 – 6:00 pm EDT	**CLOSING REMARKS**
	Gen Hawk Carlisle, USAF (Ret) President and Chief Executive Officer, NDIA

WEDNESDAY, MARCH 24

10:00 – 10:05 am EDT

OPENING REMARKS
Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, NDIA

10:05 – 11:00 am EDT

MORNING KEYNOTE
Dr. Peter Highnam
Acting Director, DARPA

11:00 – 11:20 am EDT

EXHIBIT/NETWORKING BREAK

11:20 am – 12:20 pm EDT

AI Capabilities Center Presentations

CrowdAI
Robert Miller, Head, Federal Sales

NCI
Allen Badeau, Senior Vice President and
Chief Technology Officer

Modzy
Gage Rindt, Vice President, Business Development

Emerging Technologies and the Future of Defense

Dr. Mark Lewis
Executive Director, Emerging Technologies Institute,
NDIA

12:20 – 12:35 pm EDT

EXHIBIT/NETWORKING BREAK

12:35 – 1:35 pm EDT

AFTERNOON KEYNOTE
Bob Work
Vice Chairman, National Security Commission on Artificial Intelligence (NSCAI)
Former Deputy Secretary of Defense, U.S. Department of Defense

1:35 – 1:55 pm EDT

EXHIBIT/NETWORKING BREAK

1:55 – 2:55 pm EDT

AI Capabilities Center Presentations

Tectus Corporation
Sean Singleton, Vice President,
Business Development

Cougaar Software, Inc.
Todd Carrico, Founder and
Chief Executive Officer

Cignal
Eric Fiterman, Chief Technology Officer

From Prize Challenge to Operations: Lessons from the xVIEW Challenge

Carol Smith
Senior Research Scientist,
Human Machine Interaction, Software Engineering
Institute, Carnegie Mellon University
Moderator

Bryce Goodman
Chief Strategist, Artificial Intelligence & Machine
Learning, DIU

Aaron Reite
Senior Staff Scientist, National Geospatial-Intelligence
Agency

Richard Marcum
R&D Scientist, National Geospatial-Intelligence Agency

| 2:55 – 3:10 pm EDT | **EXHIBIT/NETWORKING BREAK** |

3:10 – 4:10 pm EDT

AI Capabilities Center Presentations

ENSCO
Wil Myrick, Chief Engineer, Positioning, Navigation, & Timing

Skydio
Chuck McGraw, Director, Federal Sales

Trans-Providentia
Ashraf Gaffar, Technology Director

AI for Public Health, Biosecurity, and Humanity: AI for Health, Homeland Defense, and Disaster Relief

Dr. Josh Broadwater
Group Supervisor, Applied Physics Laboratory, Johns Hopkins University
Moderator

CAPT Hassan Tetteh, USN
Lead, Health Mission, JAIC, U.S. Department of Defense

Dr. William Streilein
Principal Staff, Biotechnology & Human Systems Division, Lincoln Laboratory, MIT
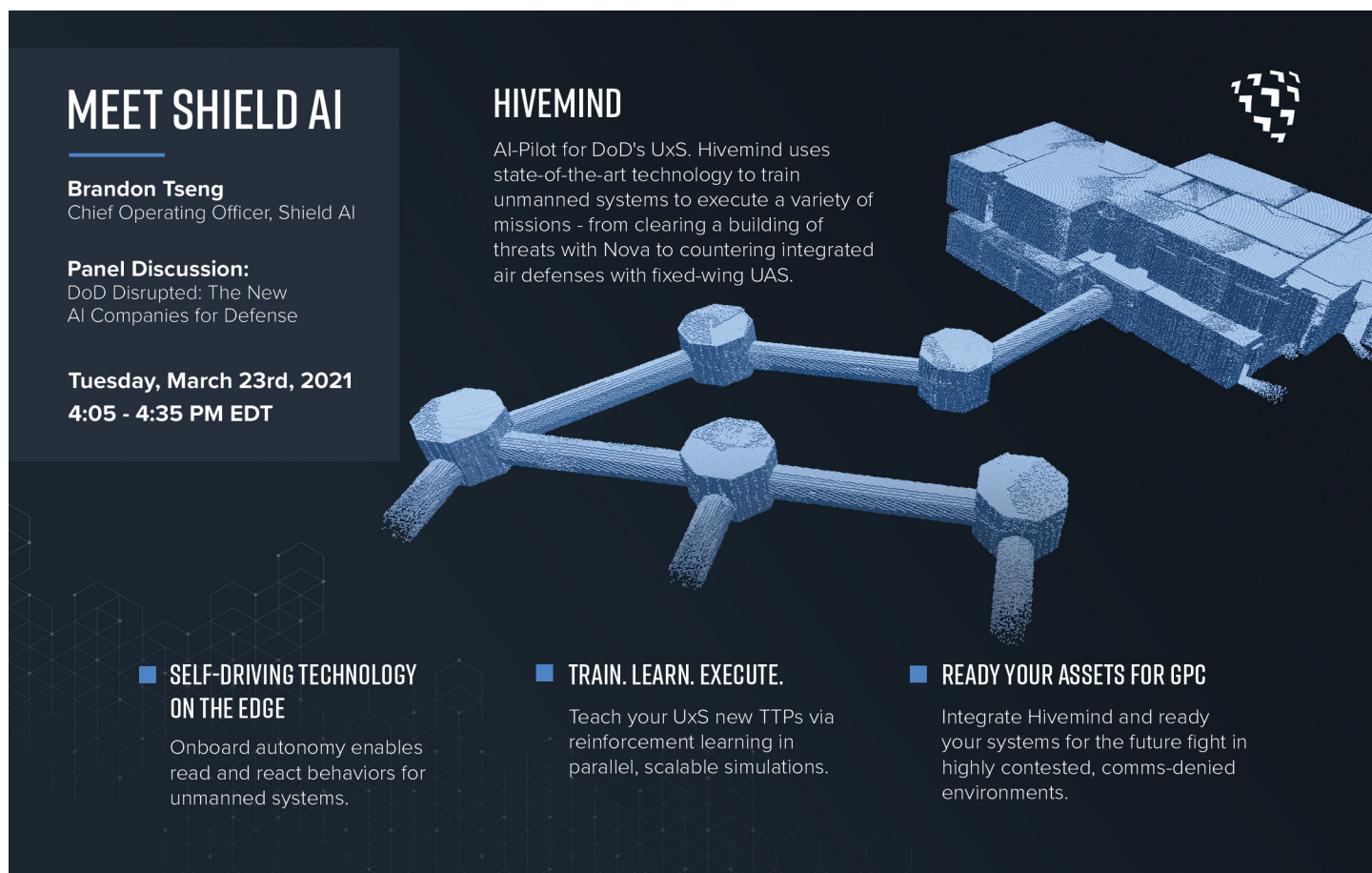
AI for Defense Intelligence, and Homeland Security: DoD AI

Bryan Lane
Mission Director, Business Process Transformation, JAIC, U.S. Department of Defense; Co-Founder, AI Center of Excellence, General Services Administration

| 4:10 – 4:30 pm EDT | **EXHIBIT/NETWORKING BREAK** |

MEET SHIELD AI

Brandon Tseng
Chief Operating Officer, Shield AI

Panel Discussion:
DoD Disrupted: The New AI Companies for Defense

Tuesday, March 23rd, 2021
4:05 - 4:35 PM EDT

HIVEMIND

AI-Pilot for DoD's UxS. Hivemind uses state-of-the-art technology to train unmanned systems to execute a variety of missions - from clearing a building of threats with Nova to countering integrated air defenses with fixed-wing UAS.

■ **SELF-DRIVING TECHNOLOGY ON THE EDGE**
Onboard autonomy enables read and react behaviors for unmanned systems.

■ **TRAIN. LEARN. EXECUTE.**
Teach your UxS new TTPs via reinforcement learning in parallel, scalable simulations.

■ **READY YOUR ASSETS FOR GPC**
Integrate Hivemind and ready your systems for the future fight in highly contested, comms-denied environments.

4:30 – 5:30 pm EDT

AI Capabilities Center Presentations

Siemens Digital Industries Software
Glenn Rosen, Business Developer, Digital Solutions

Orion Labs, Inc.
Greg Albrecht, Chief Technology Officer and Co-Founder

Gantz-Mountain Intelligence Automation Systems, Inc.
Greg Wilson, Co-Founder and Vice President

National Security Commission on AI Report: Industry Response

4:30 – 5:00 PM EDT

Graham Gilmer
Vice President, AI Services, Booz Allen Hamilton

AI for Manufacturing and Supply Chain: AI and the Defense Supply Chain after COVID-19

Eric Chewning
Partner, McKinsey
Moderator

Jennifer Bisceglie
Chief Executive Officer, Interos

Jeffrey Dodson
Global Chief Information Security Officer, BAE Systems, Inc.

5:30 – 5:35 pm EDT

CLOSING REMARKS
Gen Hawk Carlisle, USAF (Ret)
President and Chief Executive Officer, NDIA

INSENSITIVE MUNITIONS AND ENERGETIC MATERIALS (IMEM)
TECHNOLOGY SYMPOSIUM

Register Today

NDIA's Munitions Technology Division is about to convene a virtual symposium of thought leaders and subject matter experts from around the globe to explore ways of enhancing the performance of insensitive munitions. Through tailored sessions focused on topics ranging from energetic material characterization to insensitive munition design, attendees will have ample opportunities to share their advancements and formulations with other members of the munitions technology community— all from the comfort of their home or office. Secure your registration online and get ready for this highly anticipated event.

April 7 – 8 | NDIA.org/IMEM21

10:00 – 10:05 am EDT

OPENING REMARKS
Yll Bajraktari
Executive Director, NSCAI

10:05 – 11:05 am EDT

NSCAI COMMISSIONER PANEL
Hon. Katharina McFarland
Commissioner, NSCAI

Dr. Steven Walker
Chief Technology Officer, Lockheed Martin

Dr. Christopher Kirchhoff
Senior Fellow, Schmidt Futures

11:05 – 11:25 am EDT

EXHIBIT/NETWORKING BREAK

11:25 am – 12:25 pm EDT

MORNING KEYNOTE
Dr. Eric Schmidt
Chairman, NSCAI

12:25 – 12:30 pm EDT

CLOSING REMARKS
Kevin McGinnis
Director, Research & Analysis, NSCAI

NATIONAL SECURITY COMMISSION ON ARTIFICIAL INTELLIGENCE

The Fiscal Year 2019 John S. McCain National Defense Authorization Act (P.L. 115-232) established the National Security Commission on Artificial Intelligence (NSCAI) as an independent Commission "to consider the methods and means necessary to advance the development of artificial intelligence, machine learning, and associated technologies to comprehensively address the national security and defense needs of the United States." To Learn more about the Commission, please visit www.nscai.gov.

COMMISSION BIOGRAPHY

DR. ERIC SCHMIDT

Chairman, National Security Commission on Artificial Intelligence

Eric Schmidt is Founder of Schmidt Futures.

Eric is also Technical Advisor to Alphabet Inc., holding company of Google Inc, where he advises its leaders on technology, business and policy issues.

Eric was Executive Chairman of Alphabet from 2015 – 2018, and of Google from 2011 – 2015. From 2001 – 2011, Eric served as Google's Chief Executive Officer, overseeing the company's technical and business strategy alongside founders Sergey Brin and Larry Page. Under his leadership, Google dramatically scaled its infrastructure and diversified its product offerings while maintaining a strong culture of innovation, growing from a Silicon Valley startup to a global leader in technology.

Prior to joining Google, Eric was the chairman and CEO of Novell and chief technology officer at Sun Microsystems, Inc. Previously, he served on the research staff at Xerox Palo Alto Research Center (PARC), Bell Laboratories and Zilog. He holds a bachelor's degree in electrical engineering from Princeton University as well as a master's degree and PhD in computer science from the University of California, Berkeley.

Eric was elected to the National Academy of Engineering in 2006 and inducted into the American Academy of Arts and Sciences as a fellow in 2007. Since 2008, he has been a trustee of the Institute for Advanced Study in Princeton, New Jersey. Since 2012, Eric has been on the board of the Broad Institute and the Mayo Clinic. Eric was a member of the President's Council of Advisors on Science 2009 – 2017. In 2013, Eric and Jared Cohen co-authored the *New York Times* bestselling book, *The New Digital Age: Transforming Nations, Businesses, and Our Lives*. In September 2014, Eric published his second *New York Times* bestseller, *How Google Works*, which he and Jonathan Rosenberg co-authored with Alan Eagle. In April 2019, Eric published his third *New York Times* bestseller, *Trillion Dollar Coach: The Leadership Playbook of Silicon Valley's Bill Campbell*, which he co-authored with Jonathan Rosenberg and Alan Eagle.

Eric became the Chairman of the Department of Defense's Innovation Board in 2016 and was awarded the Department of Defense Medal for Distinguished Public Service in January of 2017 by Secretary of Defense Ashton Carter. He is Chairman of the U.S. National Security Commission for Artificial Intelligence. He is a member of NASA's National Space Council User Advisory Group, which is chaired by the Vice President. Eric is an MIT Visiting Innovation Fellow, member of the Advisory Board for MIT IQ, member of the MIT Commission on the Work of the Future, member of the MIT CEO Advisory Board, and member of the MIT Schwarzman College of Computing Advisory Council. Eric is founder of Schmidt Futures, which helps exceptional people do more for others by applying science and technology thoughtfully and working together across fields.

NDIA Connect

AN ONLINE COMMUNITY FOR DEFENSE PROFESSIONALS

Various specialized communities are available for you to join and use, all while enhancing your Division and Chapter participation and growing your network.

As the National Defense Industrial Association's members-only online community, NDIA Connect offers 24/7 exclusive access to content, contacts, and collaboration capabilities. Each day, defense professionals from around the world post their thoughts, questions, and answers related to topics ranging from cybersecurity and the space domain to international trade regulations and human systems. Log in today to join these conversations and take advantage of all that NDIA Connect enables:

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- Collaborate on projects and documents of all kinds
- Plan meetings, seminars, webinars, conferences, or any NDIA-related event
- Foster discussion, promote innovation, and grow your network

Log in today at Connect.NDIA.org

BIOGRAPHIES

MIKE BROWN

Director, Defense Innovation Unit

Michael Brown is the Director of the Defense Innovation Unit (DIU) at the U.S. Department of Defense. DIU, established in 2015, fields leading-edge commercial capabilities to the military faster and more cost-effectively than traditional defense acquisition methods. With offices in Silicon Valley, Boston, Austin, and at the Pentagon, DIU is embedded in key innovation ecosystems across the country and builds direct relationships with organizations that strengthen our national security innovation base.

Previously, Michael served from 2016 – 2018 as a White House Presidential Innovation Fellow at DoD. He is the co-author of a Pentagon study on China's participation in the U.S. venture ecosystem, a catalyst for the Foreign Investment Risk Review Modernization Act (FIRRMA). FIRRMA was signed into law in August 2018 and provided expanded jurisdiction to the Committee on Foreign Investment in the United States (CFIUS).

Additionally, he led the initiative for a new DoD-sponsored investment vehicle, National Security Innovation Capital (NSIC) to fund dual-use hardware technology companies. Through August 2016, Michael was the CEO of Symantec Corporation, the global leader in cybersecurity and the world's 10th largest software company with revenues of $4 billion and more than 10,000 employees worldwide. Michael served as a member of Symantec's Board since its merger with Veritas in 2005. During his tenure as CEO (2014 – 2016), Michael led a turnaround developing a strategy focusing on its security business, sold its Veritas storage software business, hired a new executive leadership team and improved operating margins 300 basis points. Additionally, he led the articulation of a new company culture fostering innovation.

Michael is the former Chairman & CEO of Quantum Corporation (1995 – 2003), a leader in the computer storage industry. As CEO of Quantum, the company achieved record revenues of $6 billion as the world's leader in disk drives for personal computers and the world's largest tape drive business. He joined Quantum in 1984 and served on its Board from 1995 until 2014.

After leaving Quantum, Michael served as Chairman of EqualLogic, a storage array company. Dell acquired EqualLogic in 2008 for $1.4 billion, the largest all-cash deal for a venture-backed company up to that time.

He has been a member of the Board of Trustees of the Berklee College of Music in Boston since 2013 and previously served on the President's Advisory Council.

Michael received his BA in Economics from Harvard University in 1980 and his MBA from Stanford University in 1984.

LTGEN MICHAEL GROEN, USMC

Director, Joint Artificial Intelligence Center, U.S. Department of Defense

LtGen Michael S. Groen assumed his current position as the Director, Joint Artificial Intelligence Center, on 1 October 2020. As a member of the JAIC team, he leads the transformation of U.S. Joint warfighting and departmental processes through the integration of Artificial Intelligence.

Previously, General Groen was assigned to the National Security Agency and served as the Deputy Chief of Computer Network Operations, leading this premier Computer Network Exploitation organization. In 2018/2019, he was the Director for Intelligence, Joint Staff (J2), in direct support of the Chairman of the Joint Chiefs and the Joint Staff. He also served as the Vice J2. Prior to these assignments, General Groen was the Director of Marine Corps Intelligence (DIRINT), championing the redesign of intelligence capabilities into a Marine Corps Intelligence, Surveillance, and Reconnaissance Enterprise (MCISRE).

General Groen has served in operational, ground, air, and naval units with service in Central America, the Western Pacific, the Philippines, the Balkans, and Iraq. He served afloat with the 31st Marine Expeditionary Unit and supported aviation units in the United States and Okinawa. In 2003, he was assigned to the 1st Marine Division, initially as the Deputy Intelligence officer and then as the Intelligence Officer (G-2) in 2004. He has supported conventional combat and counter-insurgency operations. General Groen was a principal in the redesign of Marine Intelligence to meet the emerging demands of the Global War on Terror. Later, he served with the U.S. European Command as the Chief of Intelligence Planning for Europe and Africa. He was instrumental in transitioning intelligence processes into the Joint Intelligence Operations Center.

General Groen has commanded intelligence and operational units, including the 3d Radio Battalion and the Headquarters Battalion, 1st Marine Division, in Camp Pendleton, CA.

He was also given additional duties as the Division's Chief of Staff. As a perpetual change-agent, he has served as a Combat Development, Requirements, and Acquisition officer. He served as the initial Director of the Commandant's Amphibious Capabilities Working Group (Capabilities), the Ellis Group (Expeditionary Futures), and as the Director of the Commandant of the Marine Corps Strategic Initiatives Group (SIG).

General Groen is a graduate of Calvin College in Grand Rapids, MI, with a Bachelor's Degree in Engineering. He has received multiple Master's Degrees from the University of Southern California (Systems Management) and from the Naval Postgraduate School (Electrical Engineering, Applied Physics.) He is a graduate of the Marine Corps Command and Staff College and the Naval War College. His personal decorations include the Defense Superior Service Medal, the Legion of Merit, the Bronze Star, and the Combat Action Ribbon.

DR. PETER HIGHNAM

Acting Director, Defense Advanced Research Projects Agency

Dr. Peter Highnam is the deputy director of the Defense Advanced Research Projects Agency (DARPA). From January 2020 – September 2020, he served as the acting director for an interim period, and then resumed his duties as the deputy director. He initially joined DARPA as the deputy director in February 2018.

Before coming to DARPA, Highnam was the director of research at the National Geospatial-Intelligence Agency (NGA), on assignment for two and a half years from the Office of the Director of National Intelligence (ODNI). Prior to that assignment, he served six years at the ODNI's Intelligence Advanced Research Projects Activity (IARPA), initially as an office director, and then as director.

Highnam worked from 2003 until 2009 in the U.S. Department of Health and Human Services (HHS). Initially, he served as a senior advisor in the National Institutes of Health (NIH), with responsibilities in areas where high-performance computing intersects with biomedicine and public health, including computational epidemiology. Subsequently, he served as senior advisor to the director of the Biomedical Advanced Research and Development Authority (BARDA), where he produced analyses in support of public health decision-making related to chemical, biological, radiological, and nuclear events, as well as naturally occurring disease.

From 1999 to 2003, Highnam was a DARPA program manager working in electronic warfare and airborne communications. His research in electronic warfare (the Advanced Tactical Targeting Technology (AT3) program) focused on inexpensive approaches to rapidly and accurately target enemy air defense radars from greater standoff distances. Highnam also investigated technology for high-performance, flexible, and secure networked communication between tactical aircraft (the Tactical Targeting Networking Technologies (TTNT) program), enabling plans to move away from systems such as Link 16.

Highnam worked for more than a decade in applied research at Schlumberger Limited, where he implemented industry-changing seismic data analytics on massively parallel computers. He also served as a director of a successful biomedical imaging startup company.

Highnam holds a PhD in Computer Science from Carnegie Mellon University, an MS in Mathematical Logic and the Foundations of Mathematics from the University of Bristol (United Kingdom), and a BS in Computer Science from the University of Manchester (United Kingdom).

Highnam has received the Department of Health and Human Services Secretary's Distinguished Service Award, the Office of the Secretary of Defense Medal for Exceptional Public Service, and the NGA Distinguished Civilian Service Award. He is a co-inventor on three patents related to commercial seismic exploration.

BOB WORK

Vice Chairman, National Security Commission on Artificial Intelligence

Secretary Robert O. Work is the Distinguished Senior Fellow for Defense and National Security at the Center for a New American Security and the owner of TeamWork, LLC, which specializes in national security affairs and the future of warfare. Secretary Work previously served as the Deputy Secretary of Defense, where he was responsible for overseeing the day-to-day business of the Pentagon and developing the Department's $600 billion defense program. He is widely credited for his work with leaders in the Department and the intelligence community on the "Third Offset Strategy," which aimed to restore U.S. conventional overmatch over its strategic rivals and adversaries. He was awarded

DoD's Distinguished Public Service Award (twice), the National Intelligence Distinguished Public Service Award, and the Chairman of the Joint Chiefs of Staff Joint Distinguished Civilian Service Award.

Prior to serving as Deputy Secretary, Secretary Work spent one year as CEO of the CNAS, after serving as Undersecretary of the Navy from 2009 – 2013 in the first Obama administration. As the principal civilian deputy to the Secretary of the Navy, he was responsible for the smooth running of the U.S. naval global business enterprise, with over 500,000 active duty personnel and 200,000 government civilians, and a budget of $160 billion. He was twice awarded the Department of the Navy's Distinguished Civilian Service Award.

Secretary Robert O. Work is the Distinguished Senior Fellow for Defense and National Security at the Center for a New American Security and the owner of TeamWork, LLC, which specializes in national security affairs and the future of warfare. Secretary Work previously served as the Deputy Secretary of Defense, where he was responsible for overseeing the day-to-day business of the Pentagon and developing the Department's $600 billion

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SPONSORS AND EXHIBITORS

Skydio

PREMIER SPONSOR AND EXHIBITOR

Skydio is the leading U.S. drone manufacturer and world leader in autonomous flight. Skydio leverages breakthrough AI to create the world's most intelligent flying machines for use by consumers, enterprises, and government customers. Founded in 2014, Skydio is made up of leading experts in AI, robotics, cameras, and electric vehicles from top companies, research labs, and universities from around the world. Skydio designs, assembles, and supports its products in the U.S. from its headquarters in Redwood City, CA, to offer the highest standards of supply chain and manufacturing security. Skydio is trusted by leading enterprises across a wide range of industry sectors and is backed by top investors and strategic partners including Andreesen Horowitz, Levitate Capital, Next47, IVP, Playground, and NVIDIA.

Areté
DISCOVER. DEVELOP. DELIVER.

EXHIBITOR

Areté is an advanced science and engineering company that provides innovative solutions — from scientific discovery through production. Areté's smart systems include active and passive sensors, real-time processing, software, and complex algorithms that operate from seafloor to space.

Areté provides multi-domain, multi-discipline expertise and applications supporting the U.S. Navy, the U.S. Army, the U.S. Air Force, the U.S. Marine Corps, the Missile Defense Agency, the intelligence community, the U.S. Department of Energy, and commercial energy exploration companies.

Elbit Systems of America

EXHIBITOR

Elbit Systems of America, headquartered in Fort Worth, Texas, is a leading provider of high-performance products, system solutions, and support services focusing on the defense, homeland security, law enforcement, commercial aviation, and medical instrumentation markets. With facilities throughout the U.S., Elbit America is dedicated to supporting those who contribute daily to the safety and security of the United States. Elbit Systems of America, LLC is wholly owned by Elbit Systems Ltd. (NASDAQ: ESLT and TASE: ESLT), a global high technology company engaged in a wide range of programs for innovative defense and commercial applications. For additional information, visit: www.ElbitAmerica.com or follow us on Twitter, LinkedIn or Instagram.

ENSCO
Ideas to Reality®

EXHIBITOR

ENSCO has expertise in Machine Learning (ML) applications for detection and classification of signatures from various sensor modalities including RF, seismic, and acoustic. These ML algorithms have been implemented on low-SWAP platforms and integrated with state-of-the-art Software Defined Radios (SDRs) and advanced sensing methodologies, allowing ENSCO to rapidly deploy this capability to customers who need accurate and autonomous threat detection or surveillance capabilities.

ENSCO, Inc., and its wholly owned subsidiaries represent a $140 million international technology enterprise, headquartered in the Washington, D.C., area. For more than 50 years, the ENSCO group of companies has been providing engineering, science and advanced technology solutions that guarantee mission success, safety and security to governments and private industries worldwide. ENSCO operates in the defense, transportation, aerospace, and intelligence sectors.

EXHIBIT HALL HOURS

TUESDAY, MARCH 23
10:00 am – 6:00 pm EDT

WEDNESDAY, MARCH 24
10:00 am – 6:00 pm EDT

THURSDAY, MARCH 25
10:00 am – 1:00 pm EDT

INTRUSION
Protect everything. Trust nothing.

VIRTUAL BRIEFCASE (eBAG) SPONSOR AND EXHIBITOR

In war, your strategy is only as good as your intelligence. That's why we've applied almost 40 years of Consulting & Threat Analysis experience with the DoD to the creation of cybersecurity solutions that actually work.

INTRUSION TraceCop™, a Big Data Cloud that contains more than 25 years of data about the entire Internet, has the history needed to understand hidden ownership and associations today. This unmatched set of data makes TraceCop the premier forensic cybersecurity tool.

INTRUSION Savant™ is a network monitoring tool that leverages the rich data available in TraceCop to identify suspicious traffic in real-time. As a multi-protocol network decoder and analyzer utilizing several original patents to uniquely capture, analyze and store all bidirectional traffic, Savant asserts a strong forward defense position for network security teams.

INTRUSION Shield™ is a managed security platform that leverages Savant technology to inspect every packet of data on a network, making it impossible for malicious entities to hide on a network. It then uses real-time AI to actively kill dangerous connections before they can damage your organization. With nearly zero false positives (.001%), Shield's protection is unmatched. Our plug-n-play technology means Shield is surprisingly easy to implement, protecting your network right out of the box.

Until now, the cybersecurity industry has failed by underestimating the enemy. It's time for a real defense. Shield your network today.

LMĨ

VIDEO SPONSOR AND EXHIBITOR

LMI is a consultancy dedicated to powering a future-ready, high-performing government, drawing from expertise in digital and analytic solutions, logistics, and management advisory services. We deliver integrated capabilities that incorporate emerging technologies and are tailored to customers' unique mission needs, backed by objective research and data analysis. Founded in 1961 to help the Department of Defense resolve complex logistics management challenges, LMI continues to enable growth and transformation, enhance operational readiness and resiliency, and ensure mission success for federal civilian and defense agencies.

scale

EXHIBITOR

Scale AI is a technology company that builds infrastructure for the most ambitious artificial intelligence projects in the world. Scale addresses the challenges of developing AI systems by focusing on the data - the foundation of all AI applications. Scale provides a single platform to manage the entire ML lifecycle from dataset selection, data management, and data annotation, to model development. Starting with the foundation of data labeling, our platform combines machine learning and human insight to generate high-quality, ground truth data. With intelligent data, our customers are able to accurately train machine learning models, enabling safer and smarter operations across industries focused in Computer Vision, Speech, and Content and Language applications. Founded in 2016, Scale AI closed its Series D round of funding in December 2020 with a valuation of $3.5B.

SHIELD AI

EXHIBITOR

Shield AI develops artificial intelligence products to protect the lives of military personnel and civilians in conflict zones. Its AI software enables self-driving capabilities for unmanned systems to intelligently and autonomously operate without reliance on a pilot, communications, or GPS.

UNISYS | Securing Your Tomorrow®

EXHIBITOR

Unisys is a global IT services company that delivers successful outcomes for the most demanding businesses and governments. Unisys offerings include digital workplace services, cloud and infrastructure services and software operating environments for high-intensity enterprise computing. Unisys integrates security into all of its solutions. Unisys has a rich history of empowering government agencies and defense professionals to achieve their mission-critical needs and push technological boundaries. Visit the Unisys booth for more information on all that we're doing to enable the defense industry to achieve national security prominence. For more information on how Unisys delivers for its clients across the government, financial services and commercial markets, visit www.unisys.com.

EXHIBITOR

Deep Investigation Platforms for Your Most Complex Challenges

Voyager Labs, a world leader in the AI space, enables teams to acquire actionable, previously unattainable insights by analyzing and understanding massive amounts of open, deep, and dark web data. Leading government, law enforcement agencies and corporations around the world use our award-winning, cutting-edge technology, coupled with superior domain expertise, to exponentially increase productivity of their investigative teams and ultimately mitigate and prevent risks to make a safer world.

To learn more about our suite of investigative solutions, visit www.voyagerlabs.co or email us at team@voyagerlabs.co