



CAPITAL CYBERSECURITY SUMMIT

An NVTC Signature Event

Innovation to Meet the Mission

Oct. 19-22, 2020

What's Inside:

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Schedule

Keynote Speakers

Panel Sessions



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KEYNOTE

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SCHEDULE AT A GLANCE

MONDAY, OCTOBER 19

- 2:00 P.M.** Welcome Remarks
- 2:05 P.M.** **Keynote Speaker**
Shapor Naghibzadeh, Co-Founder and Product Lead, Chronicle
- 2:35 P.M.** The Most Fascinating and Frightening Hacks of 2019/2020
- 3:30 P.M.** Networking

TUESDAY, OCTOBER 20

- 2:00 P.M.** Welcome Remarks
- 2:05 P.M.** Understanding and Managing Risk At The Intersection of Digital and Physical Supply Chains
- 3:00 P.M.** Venture Capital and M&A in the White Hot Cybersecurity Marketplace
- 4:00 P.M.** Networking

SCHEDULE AT A GLANCE

WEDNESDAY, OCTOBER 21

- 2:00 P.M.** Welcome Remarks
- 2:05 P.M.** **Keynote Speaker**
GEN (Ret) Keith Alexander, Founder & Co-CEO IronNet Cybersecurity
- 2:35 P.M.** The Five Eyes Relationship in the Context of an Evolving Cyber Environment
- 3:30 P.M.** Recruiting and Retaining Diverse Cyber Security Talent
- 4:30 P.M.** Networking

THURSDAY, OCTOBER 22

- 2:00 P.M.** Welcome Remarks
- 2:05 P.M.** Operational Technology and Informational Technology Convergence and Threats in the Post-COVID Environment
- 3:00 P.M.** **Keynote Speaker**
The Honorable Mark Warner, United States Senator
- 3:20 P.M.** NVTC Capital Cyber Awards Presentation
- 4:00 P.M.** Networking

NVTC Capital Cybersecurity Summit Steering Committee

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Dr. John Zangardi, President, Redhorse Corporation

King & Spalding Salutes the 2020 NVTC Cyber Award Winners and Finalists

King & Spalding is proud to be a sponsor of the 2020 NVTC Cyber Awards, and to recognize the outstanding companies, organizations and individuals dedicated to the cybersecurity industry.

The firm is a global leader in providing legal services to cybersecurity industry clients. Our Northern Virginia and Washington, D.C.-based team provides corporate, finance, M&A, technology transactions, privacy and data security, government contracts, litigation, regulatory and intellectual property law advice that is precisely tuned to the needs of the cybersecurity industry. We represent companies at all stages of life, from startup through IPO and beyond, and we advise investors in and buyers of such companies.

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KEYNOTE SPEAKERS

GEN (RET) KEITH ALEXANDER

Founder & Co-CEO IronNet Cybersecurity

GEN Keith Alexander (Ret), Founder, Chairman & Co-CEO of IronNet Cybersecurity, is one of the foremost authorities on cybersecurity in the world. A four-star Army general, GEN Alexander was previously the highest-ranked military official of USCYBERCOM, NSA/CSS, where he led these DoD agencies during the conflicts in Afghanistan and Iraq when attempted cyber attacks against the U.S. were on the rise.

A leader with vision and a pragmatic approach to tackling the ever-changing cyber threat landscape, GEN Alexander built IronNet to bring this knowledge and experience to the private sector and fill in a critical gap between cyber threats and available security technology. IronNet provides best-in-class cyber defense based on complex behavioral modeling, big-data analytics and advanced computing capability.

GEN Alexander holds a B.S. from the U.S. Military Academy, an M.S. in Business Administration from Boston University and M.S. degrees in Systems Technology, Physics and National Security Strategy.

SHAPOR NAGHIBZADEH

Co-Founder and Product Lead, Chronicle

Shapor Naghibzadeh is the Co-Founder and Product Lead for Chronicle, Alphabet's cybersecurity company that is now a part of Google Cloud. Prior to co-founding Chronicle, Naghibzadeh was a founding member of Google's Threat Analysis Group, designed to counter targeted attacks against Google and its users. He designed and built systems to protect against nation-state attackers, including Google-scale malware and security telemetry analysis systems. Today, he focuses on bringing these technologies to market to extend the impact beyond protecting just Google. Naghibzadeh has a BS degree in Computer Engineering from the University of Illinois at Chicago.

THE HONORABLE MARK WARNER

United States Senator, Virginia

Senator Warner was elected to the U.S. Senate in November 2008 and reelected to a second term in November 2014. He serves on the Senate Finance, Banking, Budget, and Rules Committees as well as the Select Committee on Intelligence, where he is the Vice Chairman. During his time in the Senate, Senator Warner has established himself as a bipartisan leader who has worked with Republicans and Democrats alike to cut red tape, increase government performance and accountability, and promote private sector innovation and job creation. Senator Warner has been recognized as a national leader in fighting for our military men and women and veterans, and in working to find bipartisan, balanced solutions to address our country's debt and deficit.

From 2002 to 2006, he served as Governor of Virginia. When he left office in 2006, Virginia was ranked as the best state for business, the best managed state, and the best state in which to receive a public education.

The first in his family to graduate from college, Senator Warner spent 20 years as a successful technology and business leader in Virginia before entering public office. An early investor in the cellular telephone business, he co-founded the company that became Nextel and invested in hundreds of start-up technology companies that created tens of thousands of jobs.

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MONDAY, OCTOBER 19

The Most Fascinating and Frightening Hacks of 2019 and 2020

2:35 p.m.

Cybercrime is in many ways the perfect crime: low risk, scalable, and highly profitable. As more of our lives migrate online, attacks on digital assets by clever and increasingly sophisticated attackers shows no signs of slowing down. This panel consists of three real world researchers living on the frontline of the cyber risk landscape. Join this panel to hear our experts share their opinions on the most fascinating and frightening hacks they've witnessed in the wild over the past 18 months. At the conclusion of the panel we will conduct a live poll and allow the audience members to vote for the scariest hack.

Moderator:

Jamil Jaffer, *Founder and Executive Director of the National Security Institute, Antonin Scalia Law School at George Mason University and Vice President for Strategy, Partnerships & Corporate Development, IronNet Cybersecurity*

Jamil N. Jaffer is the Founder and Executive Director of the National Security Institute, and an Assistant Professor of Law and Director of the National Security Law & Policy Program at the Antonin Scalia Law School at George Mason University. Jaffer is also Senior Vice President for Strategy, Partnerships & Corporate Development at IronNet Cybersecurity, a technology products startup founded by Gen (ret.) Keith B. Alexander, the former Director of the National Security Agency and Founding Commander of U.S. Cyber Command. In his role at IronNet, Jaffer leads all of the company's strategic and technology partnership efforts, including developing go-to-market and technology integration plans with some of the largest cloud platforms and cybersecurity companies in the market, evaluating potential acquisition targets, and developing overall corporate strategy and thought leadership around collective security and collaborative defense in the cyber arena. In addition, Jaffer is an advisor to Beacon Global Strategies, a strategic advisory firm; 4iQ, a deep and dark web intelligence startup; Duco, a technology platform startup that connects corporations with geopolitical and international business experts; and Amber, a digital authentication and verification startup.

Among other things, Jaffer currently serves on the Board of Directors for the Greater Washington Board of Trade, the Board of Advisors for the Global Cyber Alliance, and the Advisory Board of the Foundation for the Defense of Democracies' Center on Cyber and Tech Innovation, and is a member of the Center for a New American Security's Artificial Intelligence and National Security Task Force and the CNAS Digital Freedom Forum. Jaffer is also affiliated with Stanford University's Center for International Security and Cooperation.

Prior to his current positions, Jaffer served on Capitol Hill in a variety of roles, including on the leadership team of the Senate Foreign Relations Committee and as a senior staff member of the House Intelligence Committee. Jaffer also previously served in the Bush Administration in a number of positions, including

on the leadership team of the Justice Department's National Security Division and in the White House as an Associate Counsel to President George W. Bush. Jaffer also served as a law clerk to Justice Neil M. Gorsuch of the U.S. Supreme Court and Judge Edith H. Jones of the U.S. Court of Appeals for the Fifth Circuit, was a Visiting Fellow at the Hoover Institution from 2016-2019, taught classes at the George Washington University's Elliott School of International Affairs and the National Intelligence University, and holds degrees with honors from UCLA, the University of Chicago Law School, and the United States Naval War College.

Speakers:

Ax Sharma, *Security Researcher, Sonatype*

Ax Sharma is a Security Researcher at Sonatype and engineer who holds a passion for perpetual learning. His works and expert analyses have frequently been featured by leading media outlets including Fortune, TechRepublic, CSO Online, BleepingComputer. Sharma's expertise lies in security vulnerability research, reverse engineering and software development. In his spare time, he loves exploiting vulnerabilities ethically and educating a wide range of audiences.

Leon Johnson, *Principal Security Consultant, Rapid7*

Leon Johnson is an experienced penetration tester whose qualifications include having ten plus years in the field of security. Johnson helped establish the first state funded Network Security Operating Center (NSOC) penetration testing division. Here he was one of at max four individuals that provided penetration testing for the whole state of Texas.

Johnson helped with the inception of the National Collegiate Cyber Defense Competition (NCCDC) by creating and running the score engine software used to score and run the services part of the competition while working with the Center for Infrastructure Assurance and Security (CIAS). He has spoken numerous times at events and colleges on the topics of information security. He has created and presented cyber warfare exercises to community first responders, and government agencies to prepare them for potential threats against state infrastructure.

Johnson is a core red team member for the National Collegiate Cyber Defense Competition (NCCDC). He is a principal penetration tester / manager for Rapid7 where he has worked for over 9 years. He creates and implements ways to perform penetration assessments for different types of assessments, wireless, network, application, mobile, social engineering, etc. He leads a team of penetration testers and handles larger and more complex assessments for the team.

Johnson holds multiple certifications including Certified Information Security Systems Professional (CISSP), and the NSA's INFOSEC Assessment Methodology (IAM) and INFOSEC Evaluation Methodology (IEM) as well as Offensive Security Certified Professional (OSCP). He also holds two degrees from the University of Texas at San Antonio, including a Bachelor of Arts in Psychology, and a Bachelor of Science in Computer Science.

Susan Peediyakkal, *Director, Luta Security*

With over 16 years of IT and cybersecurity experience, focused primarily on Cyber Threat Intelligence (CTI), V. Susan Peediyakkal draws on her significant knowledge from working with various intelligence operations in the federal government and international commercial domains. Peediyakkal's career began in the US Air Force where she has served 19 years, both

active and reserve. She was most recently the Director of Advisory Services and Threat Intelligence for Luta Security.

Peediyakkal is the founder and director of BSides Sacramento. She serves on the board for Mental Health Hackers as the Chief Wellness Officer, an ambassador for the Women's Society of Cyberjutsu, sits on EC-Council's Global Advisory Board for CTI Analysts, and is part of the SANS Summit steering committee. In February 2020, she completed her CISO certification at Carnegie Mellon University. Peediyakkal was named a 2020 technologist fellow for the National Security Institute (NSI) at George Mason University and appointed to the advisory board for CSU Chico's Executive Program.

In March 2018, Peediyakkal was named one of "10 Women in Security You May Not Know But Should" by one of the most widely-read cyber security news sites on the Web, Dark Reading. She is a 500-hour Registered Yoga Teacher (RYT) based in Yoga Therapy and is certified in Mental Health First Aid (MHFA). She enjoys traveling, movies, and teaching yoga in her free time. Find her on twitter: @v33na.



The image is a promotional graphic for the NVTc TECH100 award. It features a dark blue background with a glowing, wireframe-style trophy on the right side. The trophy is held by a hand, also rendered in a wireframe style. On the left, the text "nvtc" is in a light blue font, followed by "TECH100" in a larger, bold, light blue font. Below this, the text "NOMINATE A TECH COMPANY OR EXECUTIVE" is written in white, bold, uppercase letters. Underneath that, "NOMINATIONS CLOSE 11/6." is written in white, uppercase letters. At the bottom, the website "www.nvtc.org" is displayed in white. The overall aesthetic is high-tech and digital.

TUESDAY, OCTOBER 20

Understanding and Managing Risk At The Intersection of Digital and Physical Supply Chains

2:05 p.m.

In recent years the topic of digital and physical supply chain attacks has landed on the front pages of newspapers everywhere. Whether the “Super Micro” story in 2018 alleging that Chinese spies had compromised computer motherboards; or more recent concerns about Huawei; or the COVID-driven volatility around global supply chains in general, it’s clear that organizations everywhere must have a firm grip on third-party risk associated with both physical and digital supply chains. Simply stated, supply chain risk is huge and its time we all pay attention. Join this panel to explore key questions about the critical role of supply chains in the modern world, their associated risks, and opportunities to thrive in an interconnected world.

Moderator:

Matt Howard, *EVP and CMO, Sonatype*

A proven executive and entrepreneur with over 20 years experience developing high-growth software companies, Matt Howard serves as Sonatype’s CMO and leads the company’s efforts to identify and execute partnerships within the DevSecOps ecosystem. Prior to Sonatype, Howard co-founded, developed and successfully sold two software companies. Earlier in his career Howard led sales and marketing at USinternetworking (acquired by AT&T) and Groove Networks (acquired by Microsoft) where his teams distributed workgroup collaboration products to enterprise customers. Howard holds a Bachelor of Arts degree from The George Washington University and a Master of Arts from George Mason University.

Speakers:

Scott Armstrong, *GPM - Sr Director, Cyber Risk, Analytics, and Insights, Exostar*

Scott Armstrong is a successful executive focused on delivering enterprise software, cyber-security, and SaaS products to market. At Exostar, Armstrong is responsible for solutions spanning risk management, CMMC, as well as supply chain illumination. He has deep experience developing solutions for vertical markets such as Public Sector and Federal, Healthcare, Aerospace and Defense, and the Critical Infrastructure Industries, with a unique expertise in executing on Government-Industry partnerships and initiatives for market advantages.

Dr. Allan Friedman, *Director of Cybersecurity Initiatives, National Telecommunications and Information Administration, U.S. Department of Commerce*

Dr. Allan Friedman is Director of Cybersecurity Initiatives at the National Telecommunications and Information Administration in the U.S. Department of Commerce. He coordinates NTIA’s multi-stakeholder processes on cybersecurity, focusing on addressing vulnerabilities in connected systems and across the software world. Prior to joining the Federal Government, Friedman spent over a decade as a noted cybersecurity and tech policy scholar at Harvard’s

Computer Science Department, the Brookings Institution and George Washington University’s Engineering School. He is the co-author of the popular text ‘Cybersecurity and Cyberwar: What Everyone Needs to Know,’ has a degree in computer science from Swarthmore College and a Ph.D. in public policy from Harvard University.

Nick Sanna, *President and CEO, Risk Lens and Founder and President, FAIR Institute*

As President and CEO of RiskLens, Nicola (Nick) Sanna is responsible for the definition and the execution of the company strategy that established RiskLens as the market leader in cyber risk quantification. Sanna is also the Founder of the FAIR Institute, a non-profit expert organization dedicated to advancing the discipline of measuring and managing information and operational risk, that was named one of the three most influential industry organizations of the last 30 years.

Sanna brings over 25 years of experience in helping organizations leverage technology innovation to drive better business outcomes, with prior roles as CEO of Netuitive and e-Security. Sanna is fluent in five languages and received a masters degree in Economics and Trade from the University of Rome La Sapienza.



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Duminda Wijesekera is acting chair of the new Department of Cyber Security Engineering. The department offers bachelor's and master's degrees that train students for the workforce of tomorrow.



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TUESDAY, OCTOBER 20

Venture Capital and M&A in the White Hot Cybersecurity Marketplace

3:00 p.m.

Hear from leading experts about the latest trends in the cybersecurity company investments and acquisitions. The panel will cover everything from what kind of companies are getting funded, to which cybersecurity companies are buying others, to what kinds of businesses the big publicly traded players are acquiring. Learn about the key trends and metrics that are driving deals, what investors look for in companies to back and what buyers need to see to pay a premium.

Moderator:

Tom Knox, *Partner, King & Spalding*

Tom Knox is a partner in King & Spalding's Corporate, Finance and Investments practice. He advises clients on corporate, M&A, financing, technology transactions and outsourcing matters, serving as a strategic advisor to public, private and emerging companies in the software, technology, life sciences, transportation, manufacturing and government services sectors, and to investors in such companies.

He provides advice on a wide range of corporate and securities transactions, including domestic and international mergers and acquisitions, securities offerings, venture capital and private equity investments and divestitures, joint ventures and other corporate finance and governance matters.

He also structures and negotiates enterprise outsourcing, realignment and optimization transactions, including traditional and vested sourcing deals, strategic alliances, performance partnerships, preferred supplier arrangements and other complex transactions. He advises on the sourcing and procurement of facilities management, logistics and supply chain systems and other business processes.

Since 2008 Knox has been listed as a Band 1 Leading Individual by the independent international rating firm Chambers & Partners. Knox is rated AV (Preeminent) by Martindale Hubbell, was named by the Washington Business Journal as Washington's Top Corporate Finance Lawyer and is consistently named to the Virginia Super Lawyers, Washington DC Super Lawyers, Best Lawyers and Legal 500 US lists.

He is a frequent speaker on corporate, sourcing and technology transaction topics. He has served as an Adjunct Professor of Law at Georgetown University and as a guest lecturer at Johns Hopkins University, the University of Maryland, the University of Michigan Law School and Middlebury College. He has served as a member of the Board of Trustees of Middlebury College and is currently a member of the Board of Directors of the Business Council for International Understanding.

Speakers:

Ron Gula, *President and co-founder, Gula Tech Adventures*

Ron Gula is President at Gula Tech Adventures which focuses on cyber technology, strategy and policy. Since 2017, GTA has invested in dozens of cyber start-ups and funds and supported multiple cyber nonprofits and projects. From 2002 to 2016, Gula was the co-founder and CEO of Tenable Network Security. He helped grow the company to 20,000 customers, raise \$300m in venture capital and grow revenues to \$100m, setting up the company for an IPO in 2018. Prior to Tenable, Gula was a cyber industry pioneer and developed one of the first commercial network intrusion detection systems called Dragon, ran risk mitigation for the first cloud company, was deploying network honeypots in the mid 90s for the DOD, was a penetration tester for the NSA, and got to participate in some of the nation's first cyber exercises. Gula is involved in a variety of cyber nonprofits and think tanks including Defending Digital Campaigns, the Center for Internet Security, the National Security Institute and the Wilson Center.

Wayne Jackson, *CEO, Sonatype*

Wayne Jackson is the CEO of Sonatype, a role he has held since 2010. Prior to Sonatype, Jackson served as the CEO of open source network security pioneer Sourcefire, Inc., which he guided from fledgling start-up through an IPO in March of 2007, later acquired by Cisco for \$2.7 billion. Before Sourcefire, Jackson co-founded Riverbed Technologies, a wireless infrastructure company, and served as its CEO until the sale of the company for more than \$1 billion in March of 2000. Jackson holds a B.B.S in Finance from James Madison University and has completed the Executive Education program for Corporate Governance at Harvard University.

Jamil Jaffer, *Founder and Executive Director of the National Security Institute, Antonin Scalia Law School at George Mason University and Vice President for Strategy, Partnerships & Corporate Development, IronNet Cybersecurity*

Jamil N. Jaffer is the Founder and Executive Director of the National Security Institute, and an Assistant Professor of Law and Director of the National Security Law & Policy Program at the Antonin Scalia Law School at George Mason University.

Jaffer is also Senior Vice President for Strategy, Partnerships & Corporate Development at IronNet Cybersecurity, a technology products startup founded by Gen (ret.) Keith B. Alexander, the former Director of the National Security Agency and Founding Commander of U.S. Cyber Command. In his role at IronNet, Jaffer leads all of the company's strategic and technology partnership efforts, including developing go-to-market and technology integration plans with some of the largest cloud platforms and cybersecurity companies in the market, evaluating potential acquisition targets, and developing overall corporate strategy and thought leadership around collective security and collaborative defense in the cyber arena. In addition, Jaffer is an advisor to Beacon Global Strategies, a strategic advisory firm; 4iQ, a deep and dark web intelligence startup; Duco, a technology platform startup that connects corporations with geopolitical and international business experts; and Amber, a digital authentication and verification startup.

Among other things, Jaffer currently serves on the Board of Directors for the Greater Washington Board of Trade, the Board of Advisors for the Global Cyber Alliance, and the Advisory Board of the Foundation for the Defense of Democracies' Center on Cyber and Tech Innovation, and is a member of the Center for a New American Security's Artificial Intelligence and National Security Task Force and the CNAS Digital Freedom Forum. Jaffer is also affiliated with Stanford University's Center for International Security and Cooperation.

Prior to his current positions, Jaffer served on Capitol Hill in a variety of roles, including on the leadership team of the Senate Foreign Relations Committee and as a senior staff member of the House Intelligence Committee. He holds degrees with honors from UCLA, the University of Chicago Law School, and the United States Naval War College.

Dave Merkel, *CEO, Expel*

Dave Merkel is the CEO and cofounder of Expel. He's been involved in the information security field for nearly 20 years, first as a federal agent pursuing cyber criminals in the era of floppy disks and 2400 baud modems, then as chief technology officer and vice president of products at Mandiant. Following FireEye's acquisition of Mandiant, Merkel served as the global CTO of FireEye.

Before Merkel's 10 years as a solutions provider he spent another decade as a security practitioner. Merkel got his start as a special agent in the Air Force Office of Special Investigations, pursuing cyber criminals and conducting digital forensic investigations, and later as head of AOL's technical security organization. While at AOL, he created and ran the first incident response capability for AOL and Time Warner, managed software security and policy programs, and built technologies for AOL's security infrastructure.

Merkel is frequently invited to comment on security-related headlines. He's also been named to Washingtonian's Tech Titans list several times.

Bret Padres, *CEO, The Crypsis Group*

Bret Padres is the Chief Executive Officer of The Crypsis Group. He has more than 25 years of experience in information security, digital forensics, law enforcement, electronic discovery, and counterintelligence. Over the course of his career, Padres has responded to, investigated, and remediated some of history's most notorious retail and state-sponsored data breaches, and he has advised legal teams on issues resulting from them. In addition, he has testified as a digital forensics expert in a number of trials, including an espionage case in federal court.

Padres began his career as a computer programmer and later became a Special Agent in the U.S. Air Force Office of Special Investigations, where he was the lead agent on numerous national and international computer intrusion investigations. He also conducted computer forensic examinations for criminal investigations involving child pornography, homicide, narcotics, and violent crime.

He went on to serve as the Chief of Research and Development in the Computer Crimes Unit for the U.S. Postal Service Office of the Inspector General, where he conducted investigations and implemented new computer crime analysis and prevention technologies. In this capacity, he also acted as the liaison to the Central Intelligence Agency on a national software development project.

In the private sector, Padres was most recently a Managing Director at Stroz Friedberg, a leading global risk management firm, where he ran its Cyber Resilience practice. While managing a team responsible for intrusion investigations, security risk assessments, penetration tests, and data breach response, he maintained an active case load and led a team responsible for authoring several forensic tools. Padres was also the Director of Incident Response for Mandiant (later acquired by FireEye), where he responded to and resolved high-risk intrusions for government agencies and Fortune 500 companies. And he served as the Director of Cyber Operations at Athena Innovative Solutions, where he ran network surveillance and intrusion detection counterintelligence operations for the company's U.S. government clients.

Padres holds a Bachelor of Science degree in computer information systems from Excelsior College and holds a number of professional certifications. He has developed several highly-regarded open source digital forensic tools and co-hosts an Internet radio show, where he interviews industry experts and explores topics related to digital forensics, network security, and computer crime.

WEDNESDAY, OCTOBER 21

The Five Eyes Relationship in the Context of an Evolving Cyber Environment

2:35 p.m.

Given the challenging threat environment presented to the Five Eyes member states from countries like China, North Korea, and Iran, and in light of the unique challenges presented in the COVID environment, what role do Five Eyes partners and larger organizations such as NATO have in playing collective and collaborative cyber defense?

Moderator:

Beth Vaccarezza, *U.S. Sector Lead, Defence, Security & Space, UK Department for International Trade*

Beth Vaccarezza has served the Department for International Trade (DIT) since March 2017. As the commercial arm for the UK Government, DIT is responsible for securing UK and global prosperity through international trade and investment promotion, and promoting free trade policies. Based in the British Embassy Washington (DC), Beth leads the 11-person U.S. defense, security and space team and oversees development and delivery of the defense, security and space trade and investment strategies in the U.S.

Speakers:

Rick Ledgett, *Senior Advisor, Hakluyt & Co*

Rick Ledgett has four decades of intelligence and cyber experience, including 29 years with the National Security Agency (NSA), where he served as Deputy Director from January 2014 until his retirement in April 2017. He was the Agency's chief operating officer, responsible for providing foreign intelligence and protecting the nation's most important national security-related networks and information.

Ledgett led NSA's Media Leaks Task Force, responsible for the totality of the Agency's efforts following the unauthorized disclosure of classified information in June 2013. Previously he led the NSA's 24/7 Threat Operations Center (NTOC), responsible for identifying and countering cyber threats to our national security systems. Ledgett was the Intelligence Community's first National Intelligence Manager for Cyber, serving as principal advisor to the Director of National Intelligence on all cyber matters. He was also the DNI's Director for Collection, overseeing all of the U.S. Intelligence Community's collection programs.

Previous jobs at NSA included leading global collection and cryptanalytic operations, global language and analytic operations, and all NSA activities in the Pacific area. He was an instructor and course developer at the National Cryptologic School and an adjunct instructor at the National Intelligence University. Ledgett spent nearly 11 years in the U.S. Army as a cryptologist.

Ledgett is a Senior Advisor for Hakluyt Cyber. In addition he is

a Senior Visiting Fellow at The MITRE Corporation, a Director on the Board of M&T Bank, a Trustee of the Institute for Defense Analyses, a Distinguished Visiting Professor of Cyber Studies at the US Naval Academy, a member of the National Academy of Sciences Intelligence Community Studies Board, a member of the National Infrastructure Advisory Council, and serves on several corporate and startup advisory boards.

Henry Pearson, *Cyber Security Ambassador, UK Department for International Trade*

Dr. Henry J. Pearson was appointed as the UK Cyber Security Ambassador in the Department for International Trade (DIT) in April 2019. In this role he promotes UK cyber security expertise overseas, facilitates new relationships and strengthens existing ones with close friends and allies and works closely with UK businesses seeking to secure major international contracts with overseas governments, CNI providers and central banks that are looking to bolster their cyber defenses against potential cyber threats.

Between November 2014 and April 2016 Pearson was an HMG Cyber Adviser attached to the UK National Cyber Security Centre (NCSC). This role involved providing a range of support to the activities of the UK Cyber Security Ambassador, DIT Cyber Team and NCSC International Relations Team, including: speaking at major conferences in the UK and overseas; developing National and Defense Cyber Security Strategies for overseas governments; and reviewing current overseas cyber initiatives. The role also involved providing support and assurance on major bids and projects by UK industry.

Between June 2014 and April 2016 Pearson was also the National Technical Authority (originally GCHQ/CESG now NCSC) Ambassador for Academic Engagement, the first such appointment. This included liaising with UK Academic Centres of Excellence in Cyber Security Research, UK Research Institutes in Cyber Security and Centres for Doctoral Training and chairing the annual Joint UK Cyber Security Research Institutes conference.

Between 2001 and 2013 Pearson was a full-time embedded Independent Adviser to the UK Ministry of Defense (MOD), working closely with the Department's Chief Information Officer to provide strategic and operational support on cyber security, cryptography and communications and information

systems to Ministers and Senior Officials. He played a leading role in shaping the Department's support to Defense Industry's cyber security efforts. More broadly, he led the development of business cases for major IT and communications projects (multi-£Bn) and helped ensure their funding and approval.

Matt Harding, *Senior Liaison Officer for Cyber and Communications Security to the U.S. and Canada, New Zealand Embassy*

Matt Harding is New Zealand's senior Liaison Officer for Cyber and Communications Security to the U.S. and Canada.

Harding began his career as a military lawyer in the New Zealand Army Legal Service. He was deployed on operational service to Bosnia as an Observer Company deputy commander, and to Afghanistan as the legal advisor to New Zealand's special forces mentoring mission in Kabul. He was seconded to New Zealand's Cryptologic Agency, the Government Communications Security Bureau, where he advised on the internal compliance review into unlawful targeting by the GCSB, the subsequent criminal investigation, and the litigation brought by Kim Dotcom, as well as the internal review and fallout from the Snowden disclosures. He was one of the lawyers who worked on updating New Zealand's intelligence and security legislation, and the establishment of the GCSB's national cyber security project CORTEX.



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WEDNESDAY, OCTOBER 21

Recruiting and Retaining Diverse Cyber Security Talent

3:30 p.m.

Innovation is fueled by a diversity of thought and perspective and there is no industry that requires more rapid ideation than the cyber security field. And yet the diversity of the cyber security workforce is limited, comprised of only 20% women and even fewer ethnic minorities. Discipline, experience, age, gender, ethnic, and neuro-diversity are needed to ensure we arrive at inventive solutions to cyber security challenges.

There are 500,000 open cyber security positions in the US, and more than 70,000 of them are in the DC/MD/Va metro area. Misalignment between employer position descriptions and job seekers' skills, a finite pipeline of regional talent, and the time from candidate to clearance are all contributing factors to the limited pool of cyber security talent. But conscious and unconscious bias, stereotypes, hiring practices, communications and culture further limit our success in recruiting the diversity of perspectives required to ensure we can out-manuever cyber attackers. This panel will dive into the challenges and some proposed successful strategies to recruiting and retaining diverse cyber security talent in our region.

Moderator:

Victor Hoskins, *President and CEO, Fairfax County Economic Development Authority*

Victor Hoskins joined the Fairfax County (Va.) Economic Development Authority as president and CEO on August 5, 2019. Previously, he was the director of Arlington (Va.) Economic Development since 2015. In that role he is most known for leading the team that successfully attracted Amazon HQ2 to Arlington County, a deal that will bring between 25,000 and 37,850 Amazon jobs to Arlington, stimulate creation of another 75,000 jobs in the Washington region, and generate between \$3.2 and \$4.8 billion in revenue for the Commonwealth of Virginia.

Under Hoskins' leadership, Arlington County also successfully implemented an Innovation Strategy that moved it toward technology and private-sector commercialization. Other successes in Arlington include Nestlé, Grant Thornton, Lidl, MasterCard, Deloitte, PBS and Opower-Oracle.

Previously, Hoskins worked in private real estate investment on Wall Street. He also served as deputy mayor of economic development for the District of Columbia, during which time he led the turnaround of the District's economy with projects such as The Wharf and City Center. During his career, his work has resulted in almost 375,000 jobs, and he has led the teams that negotiated more than 700 major business deals resulting in billions of dollars in private investment.

He holds a master's degree in city planning from the Massachusetts Institute of Technology and a bachelor's degree with honors from Dartmouth College.

Speakers:

Gary Eevee, *former Director of Worldwide Mobile Security, IBM (NSI Visiting Fellow)*

Gary Eevee, is the Founder and Chief Executive Officer of Eevee Security Consulting Group. The vision of Eevee Security Consulting Group is to be the most successful cybersecurity

provider in securing organizations and companies from cyberattacks from bad actors. Eevee Security's mission is to enable clients to reduce risk by proactively developing a more secure and resilient cybersecurity environment.

Evee is a 25 year technology industry veteran. Most recently, he served as an executive inside of IBM's Cybersecurity Business unit, during which time he led the sales, business development and go market for IBM's mobile and financial services cybersecurity solutions. Before this, he was the Executive chief of staff for the General Manager of IBM Security, helping to lead the growth of IBM Security significantly faster than the overall security market to become the number one enterprise security provider in the world with almost \$2B of annual revenue.

He has served as a technology and cybersecurity advisor to a number of Higher Education institutions including Bridgewater State University, Cambridge College, Massasoit Community College, and Johnson C. Smith, and Endicott College. He believes that collaboration between academia, industry, government and community is critical to driving innovation and creating pathways to opportunities for the underserved.

Evee holds a B.A in Political Science from Hampton University, Hampton VA. In addition to his services in the technology industry, he is also a member of the board of trustees for Dedham Savings Bank and MassInsight.

Carmen Medina, *former Deputy Director for Intelligence, CIA (NSI Advisory Board member)*

Carmen Medina, a retired Senior Federal Executive with 32 years' experience in the Intelligence Community, is a recognized national and international expert on intelligence analysis, strategic thinking, diversity of thought, and innovation and intrapreneurs in the public sector. She is the co-author of the book: *Rebels At Work: A Handbook for Leading Change from Within* and of the landmark Deloitte University Press paper on *Diversity's New Frontier: Diversity of Thought and the Future of the Workplace*. Her story as a heretic and change agent at CIA is featured in Wharton School professor Adam Grant's bestseller *Originals: How Non-Conformists Move*

the World.

From 2005-2007 Medina was part of the executive team that led the CIA's Analysis Directorate; in her last assignment before retiring she oversaw the CIA's Lessons Learned program and led the Agency's first efforts to address the challenges posed by social networks, digital ubiquity, and the emerging culture of collaboration. She was a leader on diversity issues at the CIA, serving on equity boards at all organizational levels and across Directorates. She was the first CIA executive to conceptualize many IT applications now used by analysts, including blogs, online production, collaborative tools, and Intellipedia, a project she personally greenlighted; as a senior executive, she began using in 2005 social networking and blogs to reach her diverse workforce. Upon her retirement from CIA, she received the Distinguished Career Intelligence Medal. From 2011—2015, Carmen was a member of Deloitte Federal Consulting where she served as senior advisor and mentor to Deloitte's flagship innovation program, GovLab.

Phyllis Schneck, *Chief Information Security Officer, Northrop Grumman and*

Dr. Phyllis Schneck is vice president and chief information security officer (CISO) for Northrop Grumman. In this role, she oversees the company's global cybersecurity strategy and policies and is responsible for the digital security of the company's products, services and infrastructures.

Dr. Schneck has 20 years of government and private-sector experience in senior cybersecurity positions. She joined Northrop Grumman in 2019 from Promontory, a division of IBM, where she led the firm's cybersecurity practice as managing director and global leader of Cyber Solutions.

Prior to her tenure with Promontory, Dr. Schneck served as the deputy undersecretary for cybersecurity and communications for the Department of Homeland Security, where she led responses to cybersecurity threats against corporations, civilians and the government. During this time, she led the defensive cybersecurity operational mission to mitigate and respond to cyber threats across the federal civilian government and private sector. She supported the department's mission of strengthening the security and resilience of the nation's critical infrastructure, working with all areas of the department, government agencies, law enforcement and the private sector. Dr. Schneck led the transformation of signature technology applying analytics to the central cyber protection that the DHS provides to civilian agencies.

Dr. Schneck was a member of the Center for Strategic and International Studies Commission on Cybersecurity as part of the 44th President's administration. She was chairman of the board of directors of the National Cyber-Forensics and Training Alliance, a partnership between corporations, government and law enforcement for using cyber analysis to combat international cybercrime. Dr. Schneck was also vice chairman of the National Institute of Standards and Technology's advisory board on information security and privacy, and she served for eight years as national chairman of the board of directors of

the FBI's public-private InfraGard program. She has briefed and worked with several foreign governments to form partnerships with the U.S. for information sharing, infrastructure protection, and cybersecurity. Dr. Schneck holds several information-security and technology patents.

Dr. Schneck earned her doctorate in computer science from the Georgia Institute of Technology, as well as both a master's in computer science and a bachelor's in computer science and mathematics from the Johns Hopkins University.

Gregory Washington, *President, George Mason University*

Dr. Gregory N. Washington leads the largest and most diverse public university in Virginia, a Tier 1 research university as categorized by the Carnegie Classification of Institutions of Higher Education. He became Mason's eighth president on July 1, 2020.

Dr. Washington, the former dean of the Henry Samueli School of Engineering at the University of California, Irvine (UCI), and former interim dean of the College of Engineering at Ohio State University, is regarded nationally as a strategic and collaborative solutions-oriented leader who is committed to providing opportunities for students of all backgrounds.

In his seven years at UCI, Dr. Washington expanded undergraduate enrollment in the engineering school by 1,100 students and graduate enrollment by more than 200. He led a freshman experiential learning initiative that resulted in more than 60 percent of undergraduate engineering students conducting research. He established the University of California's first student makerspace and helped establish the OC STEM Initiative, one of the nation's first STEM ecosystems, which impacts more than 100,000 students each year in Orange County, California.

Committed to multidisciplinary scholarship and research, Dr. Washington created new graduate and undergraduate programs with the UCI business and humanities schools and led the development of the Horiba Institute for Mobility and Connectivity to advance next-generation advanced mobility systems. He played an integral role in the development of the planned Interdisciplinary Science and Engineering Building, a facility that will expand UCI's research capacity.

Dr. Washington recruited and hired one of the most diverse engineering faculty cohorts in the country, with more than 40% of his 68 hires being women or from underrepresented groups. He's raised more than \$100M in public and private philanthropy for the engineering school, including more than \$15.5 million in gifts targeted to reach a more diverse student populations.

Dr. Washington is a New York City native who attended high school in North Carolina. He earned bachelor's (1989) and master's degrees (1991) and his PhD (1994), all in mechanical engineering, at North Carolina State University. He is a member of the N.C. State Engineering Foundation's Board of Directors.

THURSDAY, OCTOBER 22

Operational Technology and Informational Technology Convergence and Threats in the Post-COVID Environment

2:05 p.m.

According to Gartner, “operational technology (OT) is hardware and software that detects or causes a change, through the direct monitoring and/or control of industrial equipment, assets, processes and events.” While information technology (IT) helps users to store and process information, OT helps users operate. Examples of OT systems include industrial control systems, scientific and medical equipment, transportation systems, lighting controls and building management, and internet of things devices. Historically, IT systems have received much more attention from cybersecurity professionals than OT systems, but this is changing rapidly.

In this panel, we’ll explore how OT cybersecurity professionals studying different kinds of OT systems view the state of cybersecurity in their respective ecosystems; where cybersecurity threats and defenses are evolving over the next five years; where there are commonalities and differences between cybersecurity techniques across different kinds of OT systems; and where there are commonalities across IT and OT cybersecurity systems.

Moderator:

Josh Lospinoso, *Ph.D., CEO/Founder, Shift5*

Josh Lospinoso, Ph.D. is an entrepreneur with deep expertise in cybersecurity, data science, and system software engineering. He’s founder/CEO of Shift5, an OEM OT cybersecurity company. In 2012, he co-founded RedOwl Analytics, an insider threat detection platform acquired by Raytheon/Forcepoint in 2017.

Lospinoso is a US Army veteran, having served 10 years as a cyber officer leading teams to build dozens of elite hacking tools for the National Security Agency’s Tailored Access Operations, Army Cyber Command, and the Cyber National Mission Force.

He is the author of C++ Crash Course (No Starch Press, 2019), dozens of peer-reviewed journal articles spanning multiple disciplines, and multiple patents. He is a graduate of U.S. Army Ranger School, and he holds multiple degrees from the United States Military Academy and the University of Oxford, where he was a Rhodes Scholar.

Speakers:

Jessica Ohnona, *Data Scientist, Cynalytica*

Jessica Ohnona is the Executive Vice President of Data Science at Cynalytica – a cyber security company that specializes in helping clients protect critical national infrastructure, securely enable Industry 4.0 and accelerate digital transformation objectives. As one of the company’s founding employees, Ohnona has been instrumental in driving growth by shaping its go-to-market strategy, operations and marketing arms that span across its US headquarters and Northern Ireland office. She currently oversees the data science department responsible for driving product innovation using ML/AI to protect firms against threats on industry control systems (ICS).

Prior to this, Ohnona worked in business strategy, sales in

Europe and the USA and as a data science consultant at The George Washington University. She has significant work experience in commercialization of technologies.

She holds a GIAC security certification: GCDA, a MS in Data Science from The George Washington University and a BSBA with a double major in Global Business and Entrepreneurship from Suffolk University.

Michael Rothschild, *Senior Director, OT solutions, Tenable*

Michael Rothschild is senior director of OT solutions at Tenable. He is an advisory board member at Rutgers University and is a past professor of marketing. He also has a number of published works in marketing and healthcare. In his spare time Rothschild is a first aid instructor and volunteers as an EMT.

Mark Stacey, *Director of Professional Services, Dragos*

Mark Stacey is the Director of Professional Services at Dragos, Inc. Stacey oversees the delivery and execution of advisory services, tabletop exercises, network and device penetration testing, and proactive threat hunting services provided by Dragos for ICS and SCADA networks worldwide. Prior to joining Dragos, Stacey was a member of RSA’s Incident Response and Hunting team for 5 years where he provided IR, threat hunting, and forensic services globally. Stacey also spent seven years with the Department of Energy (DOE) performing cyber and intelligence analysis for government clients and agencies.

FINALISTS

CYBER COMPANY OF THE YEAR

GuidePoint Security LLC

GuidePoint Security provides trusted cybersecurity expertise, solutions and services to help organizations make better decisions that minimize risk. Our experts act as your trusted advisor to understand your business and challenges, helping you through an evaluation of your cybersecurity posture and ecosystem to expose risks, optimize resources and implement best-fit solutions. GuidePoint's unmatched expertise has enabled a third of Fortune 500 companies and more than half of the U.S. government cabinet level agencies to improve their security posture and reduce risk.

IronNet Cybersecurity

Founded in 2014 by General (Ret) Keith Alexander, IronNet is a global cybersecurity leader that is revolutionizing how organizations secure their networks by delivering the first-ever Collective Defense platform operating at scale. IronDefense uses advanced behavioral analytics and collective intelligence to detect unknown threats, while providing higher accuracy prioritization that improves SOC efficiency. With our uniquely deep offensive and defensive cyber experience, IronNet integrates tradecraft knowledge into its industry-leading Network Detection and Response solutions to solve the most challenging cyber problems facing the world today.

Sonatype

Sonatype has pioneered OSS component based software development practices for more than a decade. Our efforts helped build the backbone for a community that will serve over 1.5 trillion OSS component downloads this year. OSS components are so prominent that 90% of the code in most modern applications is assembled from them. Since our founding, Sonatype innovations have helped developers harness all the good in open source software, without any of the risk.

Our best-in-breed software composition analysis (SCA) and award-winning repository management solutions help more than 1,200 large enterprises - including over 60% of the Fortune 100 - and our open source tools serve millions of developers every day. Our customers experience: 99% reductions in time spent reviewing and approving OSS components 26x faster identification and remediation of OSS vulnerabilities 70% smaller windows of exploitability from adversary attacks on OSS components 20x faster searches and downloads of OSS components by developers Our customers also benefit from happier employees — as measured by our excellent Net Promoter Scores (NPS) year after year.

SOS International

Founded in 1989, SOSi is the largest 100% family-owned and operated technology and services integrator in the aerospace, defense, and government services industry. We started as a language services company but have grown to become one of the best known, mid-tier I.T., cybersecurity, software development, intelligence, and logistics contractors in the market today. We are also one of the only companies to become a large business without any small business set-aside contracts. SOSi has been recognized by Washington Business Journal and Washington Technology as one of the top contractors in the federal market, according to the 2019 prime contract obligations in I.T., cybersecurity, engineering, and other technology products and services.

ThreatQuotient

ThreatQuotient's mission is to improve the efficiency and effectiveness of security operations with a platform that accelerates and simplifies investigations and collaboration within and across teams and tools. Integrating an organization's existing processes and technologies into a unified workspace, ThreatQuotient's solutions reduce noise, highlight top priority threats and automate processes to provide greater focus and decision support while maximizing limited resources. ThreatQuotient's threat-centric approach supports multiple use cases including incident response, threat hunting, spear phishing, alert triage and vulnerability management, and also serves as a threat intelligence platform.

Two Six Labs

Two Six Labs is an advanced technology research and development company. We create and deploy innovative solutions empowering missions critical to U.S. national security. Our experts design breakthrough technologies to solve complex challenges in the fields of cybersecurity, cloud computing, data science, artificial intelligence, machine learning, mobile devices and sensor networks.

FINALISTS

CYBER CEO OF THE YEAR

Matt Brown

Matt Brown is the Co-Founder and CEO of ShorePoint, bringing over 23 years of IT and cybersecurity consulting experience. Prior to forming ShorePoint in 2017 to create a strategic cyber firm capable of addressing the evolving needs and challenges of the cybersecurity market, Brown served as the Division Manager for ManTech's Cyber Security Solutions Division responsible for overseeing a \$150M defensive cyber portfolio supporting federal civilian, the Intelligence Community, DOD and private sector clients. Brown has been involved with the CDM program since its inception and served as the executive responsible for all aspects of CDM while serving as Co-Founder and Vice President of Knowledge Consulting Group (later acquired by ManTech International). Brown actively leads efforts to help stakeholders understand the transformational aspects of the CDM program. Brown holds an MBA with a concentration in Information Security from JMU, and several industry standard security certifications including CISM and CRISC.

Wayne Jackson

Wayne Jackson is the CEO of Sonatype, a role he has held since 2010. In November 2019, Jackson guided Sonatype through a successful acquisition by Vista Equity Partners. Prior to Sonatype, Jackson served as the CEO of open source network security pioneer Sourcefire, Inc., which he guided from fledgling start-up through an IPO in March of 2007, later acquired by Cisco for \$2.7 billion. Before Sourcefire, Jackson co-founded Riverbed Technologies, a wireless infrastructure company, and served as its CEO until the sale of the company for more than \$1 billion in March of 2000. Jackson holds a B.B.S in Finance from James Madison University, 1985, and has completed the Executive Education program for Corporate Governance at Harvard University.

Bret Padres

Bret Padres, CEO of the Crypsis Group, has more than 25 years of experience in information security, digital forensics, law enforcement, electronic discovery, and counterintelligence. He has worked on some of history's most notorious retail and state-sponsored data breaches. As a Special Agent in the U.S. Air Force Office of Special Investigations, he was the lead agent on numerous national and international computer intrusion investigations. He has also served as Chief of Research and Development in the Computer Crimes Unit for the U.S. Postal Service Office of the Inspector General, where he conducted investigations and implemented new computer crime analysis and prevention technologies.

In the private sector, Padres was most recently a managing director at Stroz Friedberg, a leading global risk management firm, where he ran its cyber resilience practice. Padres was also the Director of Incident Response for Mandiant, where he responded to and resolved high-risk intrusions for government agencies and Fortune 500 companies, and he served as the Director of Cyber Operations at Athena Innovative Solutions, where he ran network surveillance and intrusion detection counterintelligence operations for the company's U.S. government clients.

Julian M. Setian

Julian M. Setian has worked as an entrepreneur and senior executive in the defense and government services sector for more than two decades. Since being named SOSi President and CEO in 2001, Setian has grown the company from \$4 million to more than \$475 million. Today, as a global enterprise of more than 1,300 employees, SOSi is recognized as one of the largest private, family-owned, and operated firms in the defense and aerospace industry, specializing in military logistics, intelligence analysis, agile software development, and cybersecurity. Setian earned a bachelor's degree in political science from Columbia University. He serves on both the board of directors and executive committee of the Professional Services Council (PSC), and the executive committee of the Washington, D.C. chapter of the Young Presidents Organization (YPO), and the Board of Directors of the Wolf Trap Foundation for the Performing Arts. He is a member of the Association of the United States Army (AUSA), and National Defense Industrial Association (NDIA). He has been nominated twice for the Ernst & Young Entrepreneur of the Year Award for the Mid-Atlantic region, and four times for the Northern Virginia Chamber of Commerce, Executive of the Year Award.

Michael Volk

After graduating from Virginia Tech with a BS in Finance and an MBA in Management, GuidePoint Security LLC Founder and Managing Partner Michael Volk decided to put his knowledge, skills and new education to work for his country and the military. Volk was always good with numbers and after completing ROTC at Virginia Tech, he proudly spent the first eight years of his professional career serving as an officer in the United States Air Force. In his final tour of duty at the Pentagon, Volk was responsible for the formulation, management, and execution of the \$126 million Air Force (AF) Counterdrug budget. His strong communication skills as well as his accuracy and superior financial capabilities resulted in Volk being tapped to prepare critical financial data and analysis for senior AF leadership which was used in speeches and Congressional testimony.

After leaving the US Air Force, Volk embarked on several successful entrepreneurial business endeavors, carrying with him the integrity and core values that guided him throughout his military career. In the early 2000's, he launched his first thriving tech company while scores of others were closing their doors as a result of the dot-com bust. Volk's steady hand and solid managerial skills helped the business soar, despite a dismal economic climate. He went on to be a part of several prosperous business undertakings including True North Solutions which he grew from \$0 – \$60 million in four years, to Fishnet Security, which soared from \$250 million - \$500 million, in the same time span, and finally, the crown jewel of his career GuidePoint Security LLC. The company would become a world-class cybersecurity organization with grow revenues coming in at \$510.8 million for the rolling 12 months ending on June 30, 2020, and a workforce of over 350 members. GuidePoint's continued success is a testament to Volk's determination, passion, and superior leadership skills. These qualities and Volk's ability to stay laser-focused on cybersecurity are just a few of the reasons employees continue to want to be part of the Virginia-based organization.

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FINALISTS

CYBER EXECUTIVE OF THE YEAR

Michael Baker

Michael Baker currently serves as Chief Information Security Officer (CISO) for GDIT within the Office of the Global CIO. Baker is an accomplished cyber executive passionate about building high performing teams and transforming the way cyber risk is managed within the business. Baker brings over 19 years of experience in the field across cyber leadership, talent development, risk management, audit, and compliance serving the aerospace and defense industry as CISO along with a variety of clients across industries as a seasoned consultant.

In his role as CISO, he manages a team of professionals across all aspects of internal cyber operations, computer network defense, policy, awareness, incident response, threat intelligence, and secure architecture. In addition, he leads the companies' IT Risk and Compliance group which provides proactive IT risk management processes and managed regulatory compliance for internal IT services and other company operations. Prior to this role, Baker worked at EY consulting for a wide variety of clients across the defense, retail, banking, and technology sectors including 12 years for General Dynamics providing cyber and IT services across all GD operating units.

Vishal Gupta

Vishal Gupta is global CTO and Senior Vice President, Technology at Unisys. Gupta leads the global technology and product organization across six global centers and over 1500 technology associates and leads a global technology business of over \$700 M in close partnership with sales. Prior to Unisys, he was Senior Vice President of Engineering and Product management at Symantec responsible for five product lines in Cyber security. Gupta is a seasoned engineering and business leader with a proven track record in developing award-winning products and partnering with sales to profitably grow the technology products and services business. He has extensive experience in creating award winning products and transforming industries by leveraging technologies like Machine Learning, Cloud, IoT, and Agile development.

By partnering strategically with customers and partners, Gupta has been able to transform both the experience and the value associated with technology products and services. Prior to Symantec, Gupta was the Chief Product and IoT Officer for Silent Circle, a cyber security and privacy company. There he launched the industry's first Enterprise Privacy platform. Prior to that, Gupta held multiple leadership roles at Cisco, including VP/GM for IoT to lead their global effort to transform industries by creating differentiated IoT products, partner eco-systems, and services for multiple sectors including banking by developing transformational products like Remote expert to drive higher wallet share. Gupta is also considered a global industry thought leader especially in cyber security and has presented in several conferences and has been quoted extensively in press and is member of Forbes technology council.

Gupta has a Bachelor's degree in electrical engineering from BITS Pilani in India, an MS in computer engineering from Dartmouth College where he graduated as Henry J McCarthy 1931 fellow, and an MBA from The Wharton Business School where he graduated as a Palmer Scholar. Gupta created an innovative platform at Dartmouth called Dartmouth Associative retrieval kernel that leveraged Deep learning and AI to create an advanced search engine.

Alicia Lynch

Alicia Lynch currently serves as Vice President and CISO at SAIC, a role she has held since April 2018. In her current role, Lynch directs the company's activities to establish a unified, structured and effective cybersecurity operation. She also plays a major part in securing the company's latest technology programs in the areas of advanced threat hunting, supply chain security, managed security, and cloud services.

Prior to joining SAIC, Lynch served as deputy chief information security officer at Accenture Federal Services in 2017. She also became vice president for enterprise solutions at CyberSheath Service International in 2014 and deputy global CISO and director of governance for risk and compliance at BAE Systems in 2012. In 2012, she retired as a colonel after serving 27 years in the U.S. Army. During her military tenure, she served as both an intelligence officer and a cybersecurity specialist supporting the intelligence, DOD, and the federal government in various IT security positions.

Lynch earned her bachelor's degree in arts from the State University of New York and master's degree in leadership and strategy from the University of Maryland, Robert H. Smith School of Business.

Brad Medairy

Brad Medairy makes this cyber business go. Yet, he is one of a select few who do not own a corner of Booz Allen's market. Rather, he works laterally across the entirety of the firm's businesses. His job is to drive the vision, strategy, investments, and delivery of next-generation cyber solutions – think zero trust for 5G networks or scaling up AI to secure sensitive weapons systems – for large, diverse client programs that span the intelligence community, Department of Defense, federal agencies, and global commercial markets. To do this, Medairy maintains a granular understanding of customers' cyber mission challenges, and blends that with a strategic perspective on cybersecurity capability innovations (he oversees our cyber tech scouting unit, for example).

As Booz Allen's "horizontal" cyber leader, Medairy is the principal cyber business advisor to the firm's Leadership Team and Board of Directors. He also leads an 800+ interdisciplinary team of cybersecurity professionals, artificial intelligence engineers, network engineers, software developers, data scientists, and business strategists - a team that reflects Medairy's philosophy that solving cyber problems demands vast cognitive, educational, professional and personal diversity.

Matthew Stern

Matthew Stern is the Vice President, Cybersecurity, and Chief Information Security Officer (CISO) for Intelligent Waves. He is responsible not only for the Cybersecurity Line of Business but also the cybersecurity for Intelligent Waves LLC. He also provides his subject matter expertise to support a variety of organizations and customers. Stern is a retired combat veteran serving 22 years in the U.S. Army. His service culminated with the command of 2d Battalion, 1st Information Operations Command, the Army Computer Emergency Response Team (ACERT), and Regional Computer Emergency Response Teams (RCERTs). This was one of the first units in U.S. Army history dedicated to cyberspace operations.

Prior to joining Intelligent Waves, Stern was the Vice President, Professional Services at Looking-glass Cyber Solutions, where he led the analysis for a variety of commercial and government customers using their ScoutVision Global Threat Intelligence Platform. Prior to that, Stern spent three years with General Dynamics Advanced Information System. During this time, Stern was the Program Director for the United States Computer Emergency Readiness Team (US-CERT) responsible for managing and leading all aspects of program execution relating to the Operational, Analytical, and Engineering Support. He was also the Director of Cyber Accounts for General Dynamics Advanced Information Systems, providing subject matter expert advice in cyberspace operations to the company and its customers.

Stern is an established expert on information technology, network security, information operations, and special information operations. He has focused his career on the military conduct of cyberspace operations, including computer network defense, exploitation, and attack. He has developed his knowledge and expertise through practical experience leading a variety of organizations to include the ACERT, the U.S. military data communication services in Iraq, support to the technical architecture of the U.S. Army's digitized Armored Corps, and the systems integration for the Land Information Warfare Activity Information Dominance Center. Stern is also a decorated veteran of Operations Desert Shield/Storm and Iraqi Freedom. Stern holds a master's degree in Information Systems and Computer Resource Management from Webster University and a bachelor's degree in Political Science from Northern Illinois University

FINALISTS

CYBER INVESTOR OF THE YEAR

Mike Janke

Co-Founder & Investment Board Member, DataTribe

Dragos, providing cyber security for industrial (ICS/OT), has grown to over 300 employees and clients worldwide. Prevailion, a high-growth cybersecurity company transforming the way businesses approach risk discovery, evaluation and mitigation, completed its Series A funding led by AllegisCyber. Previous investor, DataTribe, also participated in this round. Strider, the world's first risk intelligence platform leveraging proprietary datasets, machine learning and human intelligence to illuminate economic espionage risks beyond the cyber domain, closed \$2 million in funding led by DataTribe. ReFirm Labs, a provider of the industry's first proactive IoT and firmware security solutions, closed a Pre-A round of \$2 million in funding led by DataTribe. Code Dx, a next-generation application security provider, received a \$2 million investment from DataTribe.

Ron Gula

President and Co-Founder, Gula Tech Adventures

The Gulas are best known for their work at Tenable Network Security, where Ron was co-founder and CEO, and Cyndi built the operations, licensing, and business practices. Before Tenable, they helped corporations and governments catch hackers with their Dragon intrusion detection system. Now they are running a cybersecurity investment fund and working with the next generation of cybersecurity startups, assisting with their product roadmaps, participating in their capital raises, and helping them build their companies. GTA focuses on cyber startups from seed to series A raises and are heavily invested in the DMV cybersecurity community. Notable investments provided to local cybersecurity companies include organizations such as Cybrary, Inky, SCYTHE, Bandura Cyber, Huntress Labs, and more.

Hank Thomas

CEO & Founder, Strategic Cyber Venture

SCV has been investing in over the horizon technology based cyber solutions since February of 2016. A unique combination of deep financial resources and expertise allows SCV to take a patient money approach rarely found in venture investing. Only investing in what they feel will have the most impact on the operational cyber ecosystem, SCV is extremely intentional in each cybersecurity investment. In 2016 SCV led the series A investment in TrapX Security, this was SCV's first investment. TrapX Security is the world leader in cyber deception technology. With research and development in Israel, but now headquartered in the US, TrapX provides an automated security grid for adaptive deception and defense that intercepts real-time threats while providing the actionable intelligence to block attackers. In contrast with perimeter security solutions, TrapX defenses are embedded at the heart of the network and mission critical infrastructure, without the need for agents or configuration. SCV doubled down on TrapX Security's rapid growth by participating in an additional round of investment in 2019.

SCV's second 2016 investment was in E8 Security. SCV also led this series A round of investment. E8's platform provided a focused view of the network that analysts could use to quickly see hidden threats and know where to spend their time, reducing cyber investigation time from hours to minutes. In short, E8 Security helped security teams to detect, hunt, and respond by recognizing what is normal in their network so they could quickly respond to what is not. E8 Security was acquired by VMware in 2018. In 2017, SCV led the series A round of investment in ID DataWeb, a Tysons Virginia based integrated identity security company which provides Identity Verification, Adaptive Authentication, and Trusted Federation (Single Sign On) solutions through their patented cloud service, the Attribute Exchange Network (AXN™). They help companies of all sizes digitally on-board new users & secure and simplify subsequent login through a seamless, integrated process. Polarity was SCV's fourth series A led Venture investment. Polarity's artificial intelligence technology analyzes the contents of users' computers screens using computer vision at the pixel level. Polarity gives users real-time access to information without affecting their existing workflow. The system makes it easy to capture new "memories" so that if other users are looking at similar content, they will automatically be notified of the most relevant information at the most opportune time. Polarity is technology designed to make security teams more effective and lethal, but it works just as well with almost any team of knowledge workers.

FINALISTS

CYBER DEAL OF THE YEAR

Accenture

On January 7, 2020, Accenture announced its intent to acquire Symantec's Cyber Security Services business from Broadcom Inc. With the addition of Symantec's Cyber Security Services business, Accenture Security now offers one of the most comprehensive managed services for global businesses to detect and manage cybersecurity threats aimed at their companies. Over the past year, especially with rapid digital transformation and an increase in remote work, companies are facing an unprecedented volume of cyber threats that are highly sophisticated and targeted to their businesses, and they can no longer rely solely on generic solutions.

The acquisition of Symantec's Cyber Security Services business is a game-changer deal that helps Accenture provide clients with flexibility rather than a 'one size fits all' approach to managed security services. Accenture has combined the expertise of Symantec with its own, to offer industry-specific, tailored global threat intelligence that is powered by leading technology, such as advanced analytics, automation and machine learning.

Coalfire Systems

Chertoff Capital and Carlyle Group invested in Coalfire in 2015 and supported the regional growth of Coalfire through its acquisition of Veris Group in 2016. In 2020, the company was sold to Apax Partners, a UK-based private equity firm. Coalfire is an established and highly-respected cybersecurity advisory and assessment services firm with a large presence in the national capital region that is well-positioned for further growth due to cybersecurity trends and the vision of its strong management team. The Apax Funds' investment will assist the company in particular by increasing Coalfire's investment in technology; continuing to invest in thought leadership, especially with respect to securing cloud environments; and deepening capabilities across assurance standards while scaling its penetration testing and cyber risk services business.

Sonatype

Sonatype, the company that scales DevOps through open source governance and software supply chain automation, received a majority investment from Vista Equity Partners ("Vista"), a leading investment firm focused on empowering and growing enterprise software, data and technology-enabled companies that are reinventing industries and catalyzing change. The partnership with Vista is enabling Sonatype to further fast-track growth and enhance its Nexus product portfolio. Sonatype's motivation in aligning with Vista was simple -- we wanted to continue to grow Sonatype along side of our incredible customers, partners, and employees.

Not only does Vista have a well earned reputation as the world's premier private equity investor focused exclusively on software but they have consistently demonstrated a unique ability to partner with entrepreneurs and established management teams to help companies very similar to Sonatype continue to grow and reach their full potential. According to Sonatype CEO Wayne Jackson "Vista's standing as the preeminent investment firm and their commitment to growth and innovation perfectly aligns with our passion for helping businesses build software faster and more securely. The acquisition is a testament to our outstanding team and clear validation of our vision, strategy, and execution in empowering developers to leverage the power of open source, while optimizing the hygiene of their software supply chain."

According to Vista's Patrick Severson, their motivation aligns with "Open source tools are an invaluable resource that enable companies and developers to keep up with the demand to deliver software applications at a rapidly accelerating pace. Wayne and his team have built an impressive business and an innovative portfolio of products that empower software development teams to continuously innovate responsibly and with the highest quality and most secure open source across every stage of the digital supply chain. We are pleased to partner with Sonatype as they continue to grow their company in the large and rapidly expanding DevOps market."

FINALISTS

CYBER STARTUP OF THE YEAR

Adlumin Inc.

Adlumin Inc. is the leading, patented security analytics platform for the financial sector. The Adlumin team has a passion for technology and solving the most difficult problems through the targeted application of data science and compliance integration. Our mission is to “add luminosity” or visibility to every customer’s network processes through real-time threat detection, analysis, and response to ensure sensitive data remains secure.

Corsha, Inc.

Corsha is a cybersecurity company located in Tysons Corner, Virginia. It was founded in 2018 to solve problems with protecting human accounts against cyberattacks. Along the way, Corsha’s founders realized they had developed a new and innovative approach to protecting machine-to-machine communications. In Nov 2019, Corsha pivoted to focus on security for Application Program Interfaces (APIs), which is the primary machine-to-machine communication protocol used in modern networks. We have raised \$2.5M in seed/angel investment. Our team includes 6 fulltime employees.

Hushmesh Inc.

Hushmesh cracked the digital identity problem. The company identified what turns out to be the only way to make tamper-proof identities, trustworthy authentication and personal cryptographic data security usable by everyone. Instead of requiring humans to identify, authenticate and manage data security for each online service on their own, Hushmesh introduces “personal trusted computing agents”, called Trustees, to automate end-to-end cryptographic security on their behalf. This “trust broker” model wraps all technical complexity in a user experience that everyone can use. If you can snap a QR code, you already know how to “mesh in”. Your phone will send the transaction code to your Trustee, and your Trustee will simply take care of it for you.

The approach fundamentally precludes social engineering, insider threats and identity theft by giving people exclusive control over their own personal Trustee. The company intently chose to incorporate as a Public Benefit corporation to build and operate a decentralized Identity Provider network open to everyone. It plans to offer its solution as a neutral service to all organizations and individuals alike, worldwide. Hushmesh is currently angel-funded and about to release its “minimum viable product” and platform in preview for early partners and potential customers.

RunSafe Security

RunSafe Security is on a mission to immunize software from cyber attacks and disrupt hacker economics without developer friction. RunSafe's patented technology, Alkemist, inoculates customers' systems from an entire class of cyber attacks by stopping the infection at its source. Our customers integrate our product across build and deploy toolchains to protect open source, in house code, and 3rd party binaries. Headquartered in McLean, Virginia, with an office in Huntsville, Alabama, RunSafe Security's customers span the critical infrastructure, IIoT, automotive, medical, devsecops and national security industries.

Shift5

Shift5 is an operational technology security company providing cybersecurity solutions to physical systems.



Congratulations to the NVT Capital Cyber Awards 2020 Finalists!

Cyber Company of the Year

GuidePoint Security
IronNet Cybersecurity
Sonatype
SOS International
ThreatQuotient
Two Six Labs

Cyber CEO of the Year

Matt Brown, SharePoint
Wayne Jackson, Sonatype
Bret Padres, The Crypsis Group
Julian Setian, SOS International
Michael Volk, GuidePoint Security

Cyber Executive of the Year

Michael Baker, General Dynamics Information Technology
Vishal Gupta, Unisys
Alicia Lynch, SAIC
Brad Medairy, Booz Allen Hamilton
Matthew Stern, Intelligent Waves

Cyber Investor of the Year

Ron Gula, Gula Tech Adventures
Mike Janke, DataTribe
Hank Thomas, Strategic Cyber Venture

Cyber Deal of the Year

Accenture
Coalfire Systems
Sonatype

Cyber Startup of the Year

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