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WELCOME !

Information Technology professionals, CISOs and CIOs have been at the forefront of fending off an ever growing and menacing intrusion into organizations' data and assets. They have de facto responsibility for securing their organization's business, and have to do so with limited resources. Cyber security is a global issue that is increasingly recognized by policy makers at the highest level including the President of the United States, thus further enhancing the responsibilities thrust upon cyber security professionals, CISOs and CIOs.

Over the last century, citizens at large have outsourced homeland defense and security to the federal government; however, now that every aspect of a business works in the "invisible" cyber space, it behooves us to rethink the national security readiness paradigm. As data and information are the most significant assets of an enterprise, it is essential that C-level executives and board members recognize that cyber security is not just an IT issue, but rather a business concern that affects everybody. Therefore, it is theirs to manage.

Given these shifting realities, the ominous nature of cyber threats, and the power of e-commerce, CEOs need to command another major paradigm shift. Up until now, technology security has been considered a cost center; however, in this digital age, the revenue generating capabilities that exist from securing, sharing and leveraging information could serve as a new competitive advantage. With this new marketplace, there is a need for a paradigm shift to where information technology isn't viewed as a cost, but rather as a profit center.

Cyber Security Summit 2013 is a unique platform that brings together C-level executives, security leaders, technology advisors, risk managers, policy makers and lawyers in the same room to view cyber threat in a holistic way, focusing on building solutions together. The Summit provides an opportunity for C-suite executives to not only fully understand the challenges cyber attacks create for securing their organizations' proprietary data and information assets, but to also engage with technology professionals who are continually focused on securing their business and enhancing their revenue generating capabilities.



Gopal Khanna

Co-Founder and Chair, Cyber Security Summit

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Cyber Security Summit would not have been possible without the dedication and expertise of the Advisory Board and Summit Committee.

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September 13, 2013

Dr. S. Massoud Amin
Director, Endowed Chair and Professor, University of Minnesota
Technological Leadership Institute
University of Minnesota
200 Oak Street SE, Suite 290
Minneapolis, MN 55455

Dear Dr. Amin:

I am pleased to support the 2013 Cyber Security Summit at the University of Minnesota. The importance of cyber security has become more relevant due to the increasing cyber threats and attacks on some of our nation's critical infrastructures and business.

Cyberattacks can have a devastating effect on industries as diverse as financial services, transportation, social media and even our utilities. In order to improve the state of cyber security on both the domestic and international level there needs to be collaboration between government, industry and academic interests.

I hope your participation in the 2013 Cyber Security Summit is productive and thank you for working to help resolve the critical and challenging issues involving cyber security.

Sincerely,

Erik Paulsen
Member of Congress

October 2013

Dear Cyber Security Summit Participants,

We are proud of the University of Minnesota's Technological Leadership Institute, which is once again a presenting sponsor of this important global event. This Summit reflects the University's land-grant mission and problem-solving role as Minnesota's only comprehensive research university. We prepare students to be lifelong learners and for the ever-changing workplace. We are driven to discover new knowledge to tackle the state's and nation's most pressing challenges, such as cyber security. We engage with business, industry, and our communities to translate our discoveries for the public good. As Minnesota's most respected convener for differing points of view, we strive to elevate the conversation on many global matters, such as cyber security.

That's why we are so committed to this Summit as it brings together all the key stakeholders of this issue to collaborate and to improve the state of cyber security worldwide. With our large private sector and expansive technology community, the state of Minnesota is positioned to be a leader in producing innovative solutions. We here at the University have played a major role throughout the evolution of digital security. We continue to prepare the next generation of leaders in this emerging and critical field.

I am delighted that the University of Minnesota is once again partnering with the Cyber Security Summit. I hope you find the Summit informative and productive. I encourage you to visit our vibrant, dynamic and youthful campus, which is just a short stroll from the Minneapolis Convention Center.

Sincerely,



Eric W. Kaler
President



STATE OF MINNESOTA
Office of Governor Mark Dayton

130 State Capitol • 75 Rev. Dr. Martin Luther King Jr. Boulevard • Saint Paul, MN 55155

October 21, 2013

Dear Summit Participants:

Welcome to the 2013 Cyber Security Summit and the Minneapolis Convention Center in Minneapolis, Minnesota.

Thank you for being part of an effort to bring leaders together from across industries and the private and public sectors to improve cyber security. I am proud Minnesota has taken the lead on this important issue and is hosting today's Summit.

Thank you for choosing Minnesota for your event again this year. While you are in Minneapolis, I hope you are able to take advantage of the many fine restaurants, world-class theater, and museums our beautiful state has to offer.

My best regards,

Sincerely,



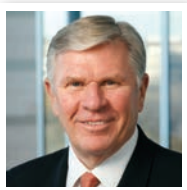
Mark Dayton
Governor

VIP RECEPTION

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Dr. Ron Ross Fellow, National Institute of Standards and Technology (NIST)



Lt. General Harry D. Raduege, Jr. Chairman, Deloitte Center for Cyber Innovation, Deloitte Consulting LLP

Yesterday evening, Cyber Security Summit 2013 hosted a VIP Reception attended by select sponsors, speakers, and C-Level executives. Dr. Ron Ross, and Lt. General Harry Raduege presented keynote addresses. Dr. Ross discussed the implications from the Presidential Executive Order as well as highlighted the cross-sector framework being developed to reduce cyber risks. General Raduege shared his insights regarding the latest domestic and global cyber security implications for C-suite executives and government leaders.

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CLOSING RECEPTION

Tuesday, October 22

5:15 - 6:30 p.m.

Collaborate with fellow leaders on cyber threat issues, brainstorm innovative countermeasures, network with industry experts, and walk away with actionable solutions. Appetizers and cocktails (cash bar) will be available to enjoy.

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Experience the Conference on Twitter. We encourage all attendees to share their thoughts and feedback throughout the conference on Twitter, using the hashtag **#CSS2013MN**

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Cyber Security Summit 2013 – International Cyber Security Thought Leadership



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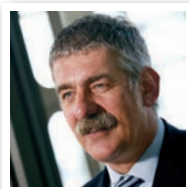
As a world-class leader in preparing local and global leaders and security professionals for technology-based enterprises, we share a mission to shape the future of cyber security.

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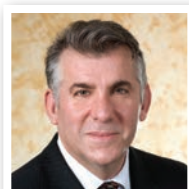

Marcus Alldrick

Keynote Speaker 

*Chief Information Security Officer,
Lloyd's of London*

*Cyber Risk Prioritization and Preparedness
– a Global Perspective*

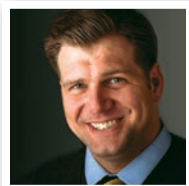
In his role at Lloyd's, Marcus is responsible for ensuring that risks to information are understood and adequately mitigated in a cost effective manner throughout the corporation, both in the UK and in its overseas locations. His role extends to providing assurance to this effect to Executive, Senior and Line Management. Marcus also has corporate responsibility for Data Protection and Privacy and provides thought leadership on information related risks pertinent to Lloyd's market. Marcus has worked in IT for more than 34 years, specializing in information risk, protection, security and continuity for the past 21 years.


Dr. Massoud Amin

*Director, Technological
Leadership Institute,
University of Minnesota*

Day One Welcome + Keynote Introduction

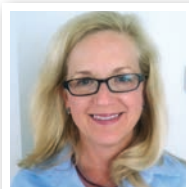
Dr. Massoud Amin leads extensive projects in smart grids and infrastructure security and is considered the father of smart grid. He holds the Honeywell/H.W. Sweatt Chair in Technological Leadership at the University of Minnesota, directs the University's Technological Leadership Institute (TLI), is a University Distinguished Teaching Professor, and professor of electrical and computer engineering. Before joining the University in 2003, he held positions of increasing responsibility at the Electric Power Research Institute in Palo Alto. After 9/11, he directed all Infrastructure Security R&D and led Grid Operations/Planning and Energy Markets. Prior to 9/11, he served as head of mathematics and information sciences, led the development of more than 24 technologies that transferred to industry, and twice received the Institute's highest honor.


Andrew Borene, Esq.

*Defense Council, Truman National Security
Project; Chairman, Robotics Alley*

*Cyber Security – A National Security
Perspective*

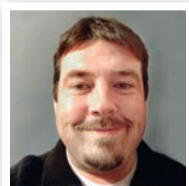
Andrew Borene is on the Defense Council of the Truman National Security Project. His corporate experience includes tours at Wells Fargo & Co., LexisNexis and currently, ReconRobotics, where he leads corporate development efforts from Washington, D.C. A former Associate Deputy General Counsel at the Pentagon, he was also a U.S. Marine Corps Military Intelligence Officer. He is a high-tech executive and teaches national security policy at Macalester College. He is also President of the Twin Cities Chapter of the Association for Unmanned Vehicle Systems (AUUSI). He is active with the American Bar Association Standing Committee on Law & National Security and serves on boards with FBI's InfraGard Alliance and the Cyber Security Summit.


Mary Beth Borgwing

President, Standish Risk Management

*Panelist: Increasing Risk Intelligence
Up and Down the Enterprise*

Mary Beth Borgwing brings to Standish Risk Management, LLC (SRM) decades of experience as a senior risk, finance and insurance executive. SRM works with corporations to improve their performance by building a culture that can be accountable for risk while achieving growth and profitability. In addition, Mary Beth is also a Senior Advisor to Eleven Canterbury in New York City, an international consultancy connecting technology and services firms to large financial services corporations. For 12 years prior to SRM, Mary Beth led senior risk teams as an advisor to Fortune 500 clients of Marsh (MMC) and Willis Group Holdings (WSH). Mary Beth was the Chief Financial Officer at Sentillion and spent her early career in accounting, auditing and compliance in the financial services sector. Mary Beth is the East Coast Steering Committee Chair of Cloud NOW (Cloud Network of Women), and has an MBA from Simmons Graduate School of Management, Boston, MA and a BSBA in Accounting Studies.


Will Brannan

Sr. Sales Engineer, McAfee

Keynote Introduction

Will Brannan, a Security Engineer with McAfee, Inc., has been in the IT field for over 12 years. In that time he has had various roles, from Network Administrator, Server Administrator, to Information Security Engineer and has found his home as a Pre-Sales Security Engineer. He studied at St. Cloud State University and Capella University for Business Computer Information Systems and Information Security and Assurance.


Christopher Buse, CPA, CISA, CISSP

*Assistant Commissioner/Chief
Information Security Officer,
MN.IT Services, State of Minnesota*

*Moderator: Leveraging the Cloud – Aligning
Priorities of CFOs, CIOs and CISOs*

Christopher Buse is the Chief Information Security Officer for the State of Minnesota. In this capacity, Christopher is responsible for designing and implementing the enterprise security architecture for state government. Christopher is a Certified Public Accountant (CPA), Certified Information Systems Auditor (CISA) and a Certified Information Systems Security Professional (CISSP). Christopher is active in many professional organizations and currently serves on the Executive Committee of the Multi State Information Sharing and Analysis Center. He also sits on the Information Systems Audit and Control Association (ISACA), International Professional Influence and Advocacy Committee, and has held numerous Board of Director positions in the Minnesota Chapter. Christopher was awarded the 2008 Security Professional of the Year by the Information Systems Security Association's Minnesota Chapter.



Mark Camillo

Head of Network Security/Privacy for the Americas, AIG

Panelist: New Ways to Crack the 'Affordability' Aspects of Security

Mark Camillo is the Head of Network Security/Privacy for the Americas at AIG and is responsible for the CyberEdge suite of products. Prior to this role, Mark was responsible for the Personal Identity Coverage (PIC) and Payment Fraud Products. Mark joined AIG in 2001 and has held positions of increasing management responsibility in various parts of the organization including eBusiness Risk Solutions, Affinity Group, A&H, Professional Liability, and the Fidelity team. Prior to AIG, Mark worked in sales, marketing and product development for Dun & Bradstreet (D&B) and SITEL Corporation. Mark has a Master's of Business Administration from SUNY Buffalo and a Bachelor of Science degree from the University of Wyoming.



Barry Caplin, CISSP, ISSMP, CISA, CISM

Keynote Speaker

Chief Information Security Officer, Fairview Health Services

Healthcare – Security Framework and Solutions

Barry is the first Chief Information Security Officer for Fairview Health Services, responsible for enterprise information security and technologies including HIPAA compliance and security architecture. Barry has 30 years of experience in technology, the last 20 focused on information security. He holds an MS in applied mathematics from Virginia Polytechnic Institute (Virginia Tech), and CISSP, ISSMP, CISA, and CISM certifications. He recently retired from coaching youth sports and as director of coaching for soccer programs. He serves on the board of the Valley Athletic Association, overseeing travel and community sports. Follow him on Twitter @bcaplin and read his blog at <http://securityandcoffee.blogspot.com/>



Tomas Castrejon

Director, PwC

Panelist: Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing

As a Director in PwC's Cyber Investigations practice, Tomas works with clients in the healthcare, retail, legal, oil and gas and manufacturing industries. He serves as an Incident Response Lead during complex data breach and network intrusion and internal investigations, state-sponsored cyber attacks, and has worked with Federal law enforcement on cases requiring their involvement. Tomas has testified in both criminal and civil cases, before the Grand Jury, and as an expert. Tomas is an Adjunct Professor teaching a graduate level course on Digital Forensic Investigations and Litigation and serves as a coach for the International Association of Computer Investigative Specialists (IACIS) certification process. He has also lectured on forensic tools, techniques and trends in digital forensics.

Previously, Tomas served as the National Digital Forensics Practice Leader for another Big 4 firm, has earned his EnCE and CFCE certifications, and has a Masters degree in Digital Forensics Management.



John Coletti

Vice President, Underwriting Manager, XL Group

Panelist: Increasing Risk Intelligence Up and Down the Enterprise

From the early days of cyber insurance to today's dynamic marketplace, John has helped his clients address the latest exposures. He leads XL Group's cyber and technology E&O underwriting team in looking ahead to tomorrow's risks. As a pioneer in cyber insurance, John has made critical contributions to the development of this fast-paced product. He manages cyber insurance and technology E&O team, with underwriters in New York, Chicago, Dallas, Atlanta and Washington DC. Before joining XL Group, John was the assistant vice president in charge of professional liability at CNA, where he managed a portfolio of cyber and E&O insurance with a focus on the technology industry. Before that, he held various underwriting, audit and accounting positions at Gulf Insurance. John's insights on cyber insurance have been published in many articles, and he's a frequent speaker at industry events. He holds a Bachelor of Arts degree in accounting from the Adelphi University in New York.



Jonathon Flynn, JD, MS

Assistant Professor, Cardinal Stritch University

Moderator: Privacy and Security – Two Sides of the Same Coin

Jonathon is currently earning his PhD in computer engineering and teaches business law, business ethics, personal finance, information systems and entrepreneurship courses at Cardinal Stritch University. Prior to accepting a faculty position at Cardinal Stritch University, Jonathon practiced estate planning and intellectual property law and also worked as a computer programmer in Los Angeles and Milwaukee. Jonathon is a graduate of Marquette University Law School and has also earned masters degrees in Aerospace Engineering from the University of Southern California and Computer Science from the University of Wisconsin – Milwaukee, where his emphasis was computer security and encryption.

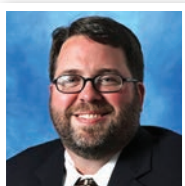


W. Anders Folk

Attorney/Shareholder, Leonard, Street and Deinard

Panelist: Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing

Anders Folk focuses his practice on securities litigation, white collar criminal defense and government and internal investigations. Prior to his current position, Anders was an assistant United States attorney in the District of Minnesota where he tried 15 jury trials to verdict and argued numerous cases before the Eighth Circuit Court of Appeals. Prior to his work as an assistant United States attorney, Anders was a commissioned officer in the United States Marine Corps. He served as a judge advocate at Camp Pendleton where he litigated 16 jury trials to verdict and, in 2004, was awarded Defense Counsel of the Year as the top Marine judge advocate in the Western Region of the United States. In 2008, Anders was one of five national recipients awarded the Federal Bar Association's Younger Federal Attorney award. In 2010, *Minnesota Lawyer* honored Anders with the Attorney of the Year award, and in 2011, his work on the al-Shabab investigations and prosecutions earned him the Justice Award from the U.S. Attorney's Office in Minnesota. In 2012, the *Minneapolis/St. Paul Business Journal* named Anders as a 40 Under Forty honoree.

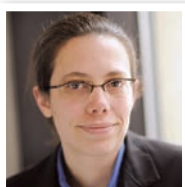


Don Gray

Chief Security Strategist, Solutionary

Panelist: Leveraging the Cloud – Aligning Priorities of CFOs, CIOs and CISOs

A veteran of technology applications development since 1991, Don Gray brings "in-the-trenches" information security experience to his role as Solutionary's Chief Security Strategist. In his role, Gray leads the Security Engineering Research Team (SERT) and is directly involved with researching new threats and overall information security trends. He is co-chair of the Cloud Security Alliance's Top Threat Working Group, leading the development of the CSA's Top Threats Report. Don is regularly quoted in the media as an information security expert and is a frequent speaker at industry events including Gartner Security Summit, Forrester Security Forum, CSO Breakfast Club series and key channel partner events.

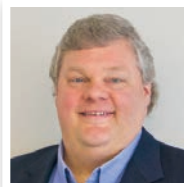


Kathy Grayson

Technology and Healthcare Reporter, Minneapolis/St. Paul Business Journal

Panelist: Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing

Katharine Grayson covers health care, technology, venture capital, startups and the medical-device industry for the *Minneapolis/St. Paul Business Journal*. Prior to joining the Business Journal in 2006, she covered city government and economic development news for newspapers in the Chicago area.



Mike Johnson, MSST, CISM

Senior Vice President, Chief Information Security Officer/Director of Operations Risk, Bremer Banks

Panelist: Increasing Risk Intelligence Up and Down the Enterprise

Mike Johnson has worked in financial services for over 20 years, focusing on Security, Risk Management, Compliance, and IT issues. Mike has been with Bremer Bank, a \$9 billion regional financial services firm, for 15 years, and is responsible for developing and overseeing Bremer's enterprise security and operations risk management program. Prior to joining Bremer, Mike was IT Director and Compliance Officer for Dean Financial Services in St. Paul, and spent eight years as an FDIC Bank Examiner. Mike holds a Certified Information Security Manager (CISM) designation from ISACA and a Master of Science degree in Security Technologies from the University of Minnesota College of Science and Engineering.



Eran Kahana

Special Counsel, Maslon Edelman Borman & Brand, LLP

Moderator: Threat to the CEOs – Plausible Deniability vs. Safeguarding Shareholder Interests

Eran Kahana, Special Counsel to Minneapolis law firm Maslon Edelman Borman & Brand, LLP, is an IP attorney with extensive experience advising clients in domestic and international settings. He focuses his practice on matters such as drafting and negotiating complex software, patent and trademark licenses, joint development agreements, strategic partnerships, subcontract agreements and service agreements. Eran has extensive experience managing and enforcing global copyright, trademark and patent portfolios, and advises clients on a wide variety of IP needs. Eran is a frequent speaker and writer on various intellectual property topics and a Research Fellow at Stanford Law School.



Brian Kenyon

Vice President & Chief Technology Officer, McAfee

Panelist: Threat to the CEOs – Plausible Deniability vs. Safeguarding Shareholder Interests

Brian Kenyon is Vice President and Chief Technology Officer at McAfee, where he is responsible for leading an engineering organization focused on developing comprehensive security and compliance for enterprise organizations. His team designs solutions as well as addresses crisis situations in support of some of the world's largest IT infrastructures. Brian serves as a trusted advisor to industry and government organizations on key cyber security issues and best practices to guard against these evolving threats. He is a co-author of *Security Battleground: An Executive Field Manual*, lead author for *Security Sage's Guide to Hardening the Network Infrastructure*, and contributing author of network architecture for *Special Ops: Network and Host Security* for Microsoft, Oracle and UNIX.

Thomas Ketcham

*Chief Information Officer, Executive Vice President,
Intensity Analytics*

Panelist: Privacy and Security – Two Sides of the Same Coin

Tom has been a serial entrepreneur for more than 20 years, helping manage and guide businesses from the start-up phase to more than 500 employees. As a Systems Engineering undergraduate at George Mason University, he co-founded a GIS/urban planning laboratory that led to his first commercial venture. He was among the early pioneers on the web in 1993, and has designed countless solutions which have ranged from novel data capture routines and visualization components, to half-million line technology suites, forming the basis for high-end, critical information management solutions, to patent-pending behavioral analytics platforms.



Gopal Khanna

*Co-Founder and Chair,
Cyber Security Summit*

Master of Ceremonies

Gopal Khanna is a Senior Fellow at the Technological Leadership Institute at the University of Minnesota. He is also a Principal at TheKhanna Group, LLC. From 2002 through 2010, Khanna held senior positions in federal and state government – most recently as Minnesota's first State CIO in the administration of Governor Tim Pawlenty and before that as the CIO and CFO of the United States Peace Corps in the administration of President George W. Bush, as well as the CFO of the Executive Office of the President. Prior to his service in government, Khanna was in the private sector where he held several corporate management positions and led start-up technology solutions/consulting firms. Khanna served as the Lead Co-Chair for the Commission on Service Innovation chartered by Minnesota legislature to provide recommendations on how to restructure and improve the overall delivery of services to citizens. Additionally, Khanna is President of TiE – Minnesota; Member of Board of Advisors of For My Children.com; Member of Board of Directors of Pathways to Children, a Minneapolis based non-profit organization; and President and CEO of Minnesota Innovation Lab (MNI Lab), a non-profit start up organization providing a platform for bringing together public, private, and non-profit sectors and other stakeholders to assist them in leveraging best practices to have a positive impact on their communities.



Nate Lesser

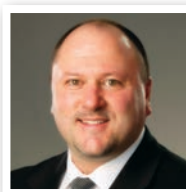
Keynote Speaker 

*Deputy Director, National Cybersecurity
Center of Excellence*

*Healthcare – Security Framework
and Solutions*

Nathan (Nate) Lesser is deputy director of the National Cybersecurity Center of Excellence (NCCoE). As part of the National Institute of Standards and Technology, an agency within the Department of Commerce, the center is dedicated

to increasing the rate of adoption of practical cybersecurity solutions. Prior to joining the NCCoE, Nate was a lead associate at Booz Allen Hamilton, where he oversaw the firm's transportation cybersecurity practice area. Nate led a team of more than 20 cybersecurity engineers serving clients across a variety of federal agencies including the Departments of Homeland Security, Defense, State, Health, Transportation and NASA. From 2005 – 2009, Nate was a Presidential Management Fellow and policy analyst with the Office of Management and Budget. Nate holds bachelor's and master's degrees in electrical engineering from Columbia University. He lives in Washington, DC with his wife and three children.



Chris Lyons

*Vice President of Business Services,
Comcast Business, Twin Cities Region*

Keynote Introduction

Chris Lyons serves as Vice President of Business Services for Comcast's Twin Cities region. He leads all business development and sales strategy for Comcast commercial services in the Twin Cities metropolitan area, and Comcast's operations in Independence, Missouri and Olathe, Kansas. Chris is a 20-year veteran of the business-to-business communications services industry. Before moving to the Twin Cities in the fall of 2011, he helped lead significant improvements in capital management and sales performance as Director of Business Services in Comcast's Mid-South region.



Michael McNeil

*Global Chief Privacy and Security Officer,
Medtronic, Inc.*

*Panelist: Privacy and Security –
Two Sides of the Same Coin*

Michael McNeil is the current Global Chief Privacy & Security Officer at Medtronic, Inc. Prior to this assignment, McNeil was the Chief IT Security Officer at Liberty Mutual Group, Global Chief Privacy Officer at Pitney Bowes and Vice President, Chief Privacy Officer of Data Services for Reynolds & Reynolds. McNeil, a noted privacy and security expert, has conducted in-house training and presentations for clients and has presented at privacy and security conferences worldwide. He has appeared as a panelist at the International Association of Privacy Professionals (IAPP) in Washington D.C. "Ten Steps to Gold Star Privacy Governance," and presented as a Governing Body Co-Chair for the 2013 Minneapolis CISO Executive Summit "Running with Change: The Development of Medtronic's Global Security Program". Michael holds the chair position for the Medical Device Privacy Consortium (MDPC) and the Twin Cities Privacy Network (TCPN). McNeil also co-authored *Gain a Competitive Edge by Using Customer Data Responsibly and Effectively*, a white paper developed with Northwood University.



Kathleen Moriarty

Global Lead Security Architect, Corporate Office of the Chief Technology Officer, EMC Corporation

Panelist: Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing

Kathleen Moriarty is the Global Lead Security Architect for EMC Corporation's Office of the CTO, working on technology strategy and industry standards in information security. Kathleen has been the primary author of multiple published standards and actively contributes/leads security standards activity in both the IETF and ITU-T with a focus on incident response and security automation. Previously, as the practice manager for security consulting at EMC, she was responsible for oversight of key projects, and development of security programs, in addition to serving as the acting Chief Information Security Officer of a global investment banking firm. Kathleen has also been the head of IT Security at MIT Lincoln Laboratory and the Director of Information Security at FactSet Research Systems, responsible for the information security program and team. Kathleen holds a Masters of Science degree in Computer Science from Rensselaer Polytechnic Institute and a Bachelor of Science in Mathematics and Computer Science from Siena College.

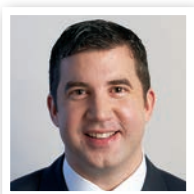


Craig Newman

Partner, Richards Kibbe & Orbe, LLP

Panelist: Threat to the CEOs – Plausible Deniability vs. Safeguarding Shareholder Interests

Craig A. Newman has more than 25 years of experience as a law firm partner, general counsel and corporate executive. He is currently a partner and member of the Executive Committee of Richards Kibbe & Orbe LLP in the firm's New York office. Previously, Craig served as General Counsel of a \$6.5 billion multi-sector global investment firm, Senior Vice President & General Counsel of Americast, and a partner with Arnold & Porter LLP. He is a frequent speaker and contributor to *The New York Times*, *The Washington Post*, *The Wall Street Journal* and *Financial Times*, among other publications. He serves as CEO of the Freedom2Connect Foundation, a non-profit that promotes global Internet freedom through the use of technology, Chairman of the National Board of Advisors at the Cronkite School of Journalism at Arizona State University, and a member of the Advisory Board of Newsy, a multi-platform news service aimed at mobile devices.



John Orner

Vice President, Treasurer and Chief Investment Officer, Blue Cross and Blue Shield of Minnesota

Moderator: New Ways to Crack the 'Affordability' Aspects of Security

John Orner is responsible for leading the treasury and investment operations for Blue Cross and Blue Shield of Minnesota, including cash flow management, insurance and risk financing, investment

portfolio management, and pension and 401(k) administration. In a concurrent role in the Blues system, John is also President & Chief Investment Officer of Capital Asset Care, Inc., Blue Cross' wholly-owned registered investment advisory firm. John has also served as Senior Vice President and Chief Investment Officer of the Blues system's Blue Healthcare Bank, an Office of Thrift Supervision licensed bank headquartered in Salt Lake City, Utah. John joined Blue Cross and Blue Shield of Minnesota in 1989. Prior to Blue Cross, he worked for several investment banking firms in Minneapolis, leading initial public offering, fixed income trading and investment banking activities.



Carolyn Parnell

Chief Information Officer, State of Minnesota

Panelist: New Ways to Crack the 'Affordability' Aspects of Security

Carolyn Parnell was appointed Minnesota State Chief Information Officer by Governor Mark Dayton in 2011. As State Chief Information Officer, Parnell oversees OET's delivery of services that improve government through the effective use of Information technology. Carolyn has led the following technology organizations as Chief Operating Officer for Information Technology Services for Minnesota State Colleges and Universities, Director of Information Technology and Minnesota Public Radio/American Public Media, Director of Networks and Data Centers at Fidelity National Information Systems, and Director of Networking and Telecommunications Services at the University of Minnesota.



Congressman Erik Paulsen

Minnesota 3rd Congressional District, U.S. House of Representatives

Welcome

In January 2013, Congressman Erik Paulsen was sworn in to serve his third term representing Minnesota's Third Congressional District. Paulsen's legislative agenda parallels the initiatives that make Minnesota a great place to live, work and raise a family: a strong economic climate for job growth, a fairly-funded and accountable education system, a well-preserved environment, safe communities, and tax reform for taxpayers and businesses. Paulsen supports pro-growth initiatives and believes that open markets are the key to a strong economy. Erik serves as co-chair of the House Medical Technology Caucus and is a leader in advocating for the medical technology industry, the life-saving technologies it provides to patients, and the hundreds of thousands of jobs it supports. Before being elected to Congress in 2008, Paulsen represented Minnesotans for 14 years in the State Legislature where he served as House Majority Leader from 2003 to 2007. He received his B.A. in mathematics from St. Olaf College.



**Lieutenant General
Harry P. Raduege, Jr.**
Keynote Speaker 

Chairman, Deloitte Center for Cyber Innovation, Deloitte Consulting LLP

Changing Paradigms of How to Live and Thrive in Cyberspace

General Raduege served 35 years in the U.S. military. He worked in the areas of technology, including telecommunications, space, information and network operations. He served more than 17 years in joint duty assignments and four times as a Federal activity Chief Information Officer. As the Director of the Defense Information Systems Agency, he led Department of Defense global network operations. In that role, he directed planning, engineering and implementation of interoperable communications and intelligence systems serving the President, Secretary of Defense and all military services. Notably, he led efforts to restore communications to the Pentagon following the September 11th terrorist attacks; upgraded Presidential communications; and led the successful expansion of the Department's Global Information Grid through a \$1 billion transformational communications program. Concurrently, as the Manager of the National Communications System, he led the prioritization of communications restoration throughout New York City following the September 11th terrorist attacks.



Scott Rea, CISSP, MSc

Vice President of Government and Education Relations and Sr. PKI Architect, DigiCert, Inc.

Panelist: Privacy and Security – Two Sides of the Same Coin

DigiCert Senior PKI Architect Scott Rea, CISSP, is actively leading the movement toward scalable trust and secure exchange of healthcare information as a Board Member of DirectTrust and Co-chair of its Certificate Policies & Practices Working Group. Additionally, Scott plays a key role in grid computing trust as a founding member and current Vice Chair of The Americas Grid Policy Management Authority and previous Chair of the International Grid Trust Federation. Scott also customizes PKI solutions for DigiCert's many large enterprise customers. A native Australian, Scott holds advanced degrees in Mathematics and Computer Science from Queensland University of Technology.



Jim Reavis

Founder and Executive Director, Cloud Security Alliance

Panelist: Leveraging the Cloud – Aligning Priorities of CFOs, CIOs and CISOs

Jim Reavis has worked in the information security industry for many years as an entrepreneur, writer, speaker, technologist and business strategist. As co-founder, executive director and driving force of the Cloud Security Alliance, Jim is helping shape the future of information security and related technology industries. Jim is currently the President of Reavis

Consulting Group, LLC, where he advises security companies, governments, large enterprises and other organizations on the implications of new trends and how to take advantage of them. Jim was a previous international board member of the ISSA, a global non-profit association of information security professionals and formerly served as the association's Executive Director. In 1998, he founded SecurityPortal, the Internet's largest website devoted to information security. Jim received a B.A. in Business Administration/Computer Science from Western Washington University in 1987 and serves on its alumni board.

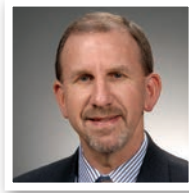


Jeff Rohlmeier

Director of Privacy, Motorola Mobility LLC

Panelist: Privacy and Security – Two Sides of the Same Coin

Jeff Rohlmeier is Director of Privacy at Motorola Mobility, a Google company. He serves as lead of company-wide privacy efforts, including issues arising under global laws and standards. Prior to rejoining Motorola (where he earlier held the role of Privacy Lead with Motorola, Inc.), Jeff was Chief Privacy Officer at Thomson Reuters. He also served as an Associate Director within the U.S. Department where he coordinated policy on privacy issues globally and completed a detail to the U.S. Department of Homeland Security. Jeff received his J.D. from The Chicago-Kent College of Law and a B.A. from Purdue University.



Dr. Ron Ross

Keynote Speaker 

Fellow, National Institute of Standards and Technology (NIST)

Implementing the Cyber Security Framework

Dr. Ron Ross is a Fellow at the National Institute of Standards and Technology. He leads the Federal Information Security Management Act Implementation Project, which includes the development of key security standards and guidelines for the federal government, contractors and the United States critical infrastructure. He has authored numerous cyber security publications and is the principal architect of the NIST Risk Management Framework. He also leads the Joint Task Force Transformation Initiative Working Group, a joint partnership with NIST, the Department of Defense, and the Intelligence Community, to develop a unified information security framework for the federal government. A graduate of the United States Military Academy at West Point, Dr. Ross served in a variety of leadership and technical positions during his twenty-year career in the United States Army. Dr. Ross holds both Masters and Ph.D. degrees in Computer Science from the United States Naval Postgraduate School.


James Ryan, CSyP, CEA, PMP

Chief Strategy Officer, Cyber Security Summit; Owner & Founder, Litmus Logic, LLC

Moderator: Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing

James is a cyber defense strategy implementation expert and author with over 15 years of experience delivering transformational business results for U.S. federal agencies and critical infrastructure companies. In 2008, James worked with NASA, HP/EDS, TSCP, and others to define game-changing identity and credential management strategies — then pioneered the first implementations for early adopters. These strategies have evolved into Personal Identity Verification Interoperability (PIV-I) and the Identity, Credential and Access Management (ICAM) Segment Architecture. James holds a MSEE from Virginia Tech and is a Chartered Security Professional (CSyP), Certified Enterprise Architect (CEA), and Project Management Professional (PMP).

Curt Scarce

Account Executive, Airwatch

Keynote Introduction

Curt Scarce is a graduate of Georgia State University in Atlanta, Georgia. He has eight years of sales experience in the technology space. Curt is currently the AirWatch state and local government representative for the state of Minnesota.


Philip Schenkenberg

Shareholder, Business Litigation, Briggs & Morgan, PA

Moderator: Increasing Risk Intelligence Up and Down the Enterprise

Phil is co-chair of the firm's Business Litigation Section and is based in the Minneapolis office. He serves on the board of directors and is a member of the firm's Privacy and Data Security Group and Telecommunications Practice Group. Phil practices principally in the areas of data security, telecommunications litigation, telecommunications regulatory matters, banking litigation and business litigation. The Privacy and Data Security practice group offers a full range of services to help clients prevent, prepare for and minimize the impact of data security breaches and cyber attacks. He also serves as the firm's Data Security Manager and chairs the firm's Information Security Committee. Phil has represented clients before the FCC, more than 20 state public utilities commissions, and in federal and state courts. He has handled numerous complex intercarrier compensation disputes in federal and state courts, including disputes regarding traffic pumping, wireless traffic and VOIP traffic.


Richard W. Stanek

Keynote Speaker 

Hennepin County Sheriff's Office

Cyber Security and the Evolving Role of "On-the-Ground" Response Teams

Richard W. Stanek is the 27th Sheriff of Hennepin County and is serving in his second term. Sheriff Stanek is a 29-year veteran of law enforcement. Concurrent with his law enforcement career, he served five terms in the Minnesota House of Representatives, and in 2003, he was appointed by the Governor to serve as Minnesota's Commissioner of Public Safety and Director of Homeland Security. Currently, Sheriff Stanek serves in leadership positions with several national organizations and on several national boards: National Sheriffs' Association (NSA) Executive Committee, chair of the NSA Homeland Security Committee, and vice-chair of the NSA Global Affairs Committee. In January of 2012, Sheriff Stanek began a two-year term as President of the Major County Sheriffs' Association. He also serves on Homeland Security's Interagency Threat Assessment and Coordination Group, on the Criminal Intelligence Coordinating Council, and on the Director of National Intelligence's Homeland Security/Law Enforcement Partners Group.


Jim Stickley

Keynote Speaker 

Chief Technology Officer, TraceSecurity, Inc.

The Hidden Risks of Mobile Applications to Your Organization

As CTO, Vice President of Strategy & Solutions, and Co-Founder for TraceSecurity, Jim Stickley has been instrumental in directing the company strategy. With more than 20 years of experience in the hi-tech industry, Jim is in charge of the guiding principles and structure of all TraceSecurity solutions including products and services. Jim has been involved in thousands of security services for financial institutions, Fortune 100 corporations, healthcare facilities, legal firms and insurance companies. Through the years he has discovered numerous security vulnerabilities in products and helps educate organizations about what they can do to protect themselves. He has been a consultant for the network stations FOX NEWS, CBS and NBC as well as the Associated Press. Jim has been featured in numerous magazines and newspapers including *Time Magazine*, *Business Week*, *Fortune Magazine*, *The New York Times*, *PC Magazine*, *CSO Magazine* and hundreds of other publications. Additionally, Stickley is the author of *The Truth about Identity Theft* and a co-author of *Beautiful Security*.


Walt Swanson, CISM, CISSP

Information Security Manager, Minnesota State Colleges and Universities

Keynote Introduction

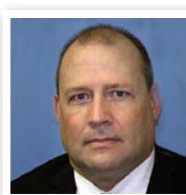
Walt Swanson joined the Minnesota State College and University system office in the role of Information Security Manager in 2012. Previous to this role, he served the state of Minnesota at the Department of Natural Resources for 14 years in multiple IT management roles, including the role of Chief Information Security Officer. He has additional private industry experience including various computer technology positions of increasing authority for Target Corporation, Fortis and U.S. Bank.

John Valente

Vice President of Assurance, Corporate Systems & Chief Information Security Officer, Best Buy Co., Inc.

Panelist: Leveraging the Cloud – Aligning Priorities of CFOs, CIOs and CISOs

John Valente is the Chief Information Security Officer, Vice President of Assurance and Corporate Systems for Best Buy Co., Inc., a multinational retailer of technology and entertainment products and services. In this position, Valente ensures continued enterprise-wide information protection services, oversees the disaster recovery program for information technology (IT) and manages risk and controls environment for IT. John also has responsibility for Corporate Systems (HR, Finance and Legal). He is a member of the Best Buy Ethics Committee and provides input to the overall IT strategy of Best Buy. Valente joined Best Buy in 2002 and has more than 30 years of IT experience in retailing, banking, consumer goods and technology companies including several IT senior management positions at Accenture, Citibank, Dell and Pepsi-Cola. He is a member of the Intel Enterprise Board of Advisors for Security and Mobility, and is on the Board of Directors and Corporate Sponsors Committee of the Pacer Center. Originally from Connecticut, Valente is a graduate of Fairfield University with a bachelor's degree in mechanical engineering.


Robin "Montana" Williams

GS-15, DH, Branch Chief, National Cybersecurity Education and Awareness, Department of Homeland Security

Panelist: New Ways to Crack the 'Affordability' Aspects of Security

Robin "Montana" Williams is currently the Branch Chief, National Cybersecurity Education & Awareness, Department of Homeland Security, Washington, D.C. His office is responsible for the development of national cybersecurity awareness, education, professional development, policy, standards and assessment requirements to broaden, develop and maintain an unrivaled, globally competitive cybersecurity workforce for the nation. Additionally, his team executes three components of the 44th President's National Initiative for Cybersecurity Education (NICE). Prior to this, he served as a Senior Technical Program Manager for the National Counterintelligence Executive, directing cyber counterintelligence training and threat analysis. Mr. Williams has spent 24 years in government service including 21 years in the United States Air Force.


Jim Wolford

Chief Executive Officer, Atomic Data

Panelist: Leveraging the Cloud – Aligning Priorities of CFOs, CIOs and CISOs

As CEO and Owner of Atomic Data, Jim Wolford is responsible for providing the leadership necessary to position Atomic Data at the forefront of the industry. Jim began Atomic Data as a consumer product, providing IT solutions applicable to the masses. As the data center industry evolved and client needs outgrew consumer solutions, Jim realized that a more "boutique" methodology was needed. Because no two clients have identical business needs, recommended solutions shouldn't come in a box. It was Jim's insight that transformed Atomic Data into the multi-location, managed service and data center provider that it is today. As Cloud Computing comes to age, this paradigm shift has been further escalated.

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**Scott Evangelist**

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Briggs and Morgan's Privacy and Data Security attorneys are committed to helping our clients prevent, prepare for, respond to, and minimize the impact of data security breaches and cyber attacks. From data protection to navigating complex legislation, we offer a full range of services related to privacy and information security.

**Nicole Miller**

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Business 1570

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Capella University is an accredited, online university offering Information Technology degree programs at the doctoral, master's, bachelor's, and certificate level. Capella is designated as a National Center of Academic Excellence in Information Assurance Education (CAE/IAE) by the National Security Agency and the U.S. Department of Homeland Security. Learn more: www.capella.edu/security

Jacqui Olson

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**Cardinal Stritch University**

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Corero Network Security, an organization's First Line of Defense, is an international network security company and a leading provider of Distributed Denial of Service (DDoS) defense and next generation security solutions. As the First Line of Defense, Corero's products and services stop attacks at the perimeter including DDoS, server targeted, and zero-day attacks, protecting IT infrastructure and eliminating downtime.

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CrowdStrike is a security technology company focused on helping enterprises and governments protect their most sensitive intellectual property and national security information. Utilizing Big-Data technologies, CrowdStrike is developing a new and innovative approach to solving today's most demanding cyber-security challenges.

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OCTOBER 22, 2013

7:30 AM – 8:00 AM **Registration + Networking Breakfast**8:00 AM – 8:20 AM **Welcome + Introduction****Massoud Amin**, Director, Technological Leadership Institute, University of Minnesota**Gopal Khanna**, Co-Founder and Chair, Cyber Security Summit**Congressman Erik Paulsen**, Minnesota 3rd Congressional District, U.S. House of Representatives8:20 AM – 9:15 AM **Implementing The Cyber Security Framework (Keynote)***Sponsored by*

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Through the recent Executive Order – Improving Critical Infrastructure Cyber Security, the President has tasked the National Institute of Standards and Technology (NIST) to lead the development of a voluntary and scalable cross-sector framework to reduce cyber risks. Summit attendees will receive the latest update on the framework development, set to be published this October, directly from NIST Fellow, Dr. Ron Ross. In addition, Dr. Ross will share federal perspectives on FISMA; the National Cybersecurity Center of Excellence (NCCOE); Security Engineering and Enterprise Architecture initiatives; continuous monitoring; and the advanced persistent threat. This keynote will set the stage for the need for multi-stakeholder solutions for industry and government challenges.



Keynote introduction by **Massoud Amin**, Director, Technological Leadership Institute, University of Minnesota
Dr. Ron Ross, Fellow, National Institute of Standards and Technology (NIST)

9:15 AM – 10:30 AM **Threat to the CEOs – Plausible Deniability vs. Safeguarding Shareholder Interests (Panel Discussion)***Sponsored by*

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As the link between cyber attacks and lost customers, revenue, and profits has become clear in the last year, taking cover in plausible deniability is no longer an option. Boards are ultimately accountable for the health of their organizations thus compelling them to respond with a new business vision – one that incorporates cyber risk realities and allows organizations to align in ways that fully consider cyber threats and their impact on customers, revenues, and profits. Now more than ever, CEOs must engage their CIO, CISO and IT professionals to find new ways forward. What is the best way for CIOs and CISOs to engage in the board room? What are the most important cyber security topics that boards need to know about? How can CIOs and CISOs gain CEO and board-level attention? What personal exposure do you and all other officers have? What are the best role allocations to achieve synergy in the C-suite? This panel will explore these questions and more so you can be ready for your increasing role and visibility within your organization.

Moderator **Eran Kahana**, Special Counsel, Maslon Edelman Borman & Brand, LLP

Panelist **Brian Kenyon**, Vice President and Chief Technology Officer, McAfee

Panelist **Craig Newman**, Partner, Richards Kibbe & Orbe, LLP

10:30 AM – 10:45 AM **Break**10:45 AM – 12:00 PM **Increasing Risk Intelligence Up and Down the Enterprise (Panel Discussion)***Sponsored by*

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We live in an increasingly digitized economy. Consequently, cyber damage can manifest significant physical and economic losses worldwide. However, the connection between cyber disruptions and physical repercussions continues to be underestimated and poor decision making remains — creating an uphill battle for CIOs, CISOs, and Program Managers who desire to align business activities and assets with the 'true risk' of cyber. What new risk management strategies can we deploy to drive better decision making throughout all levels of an organization? What is the best way to determine 'true risk'? How are legal trends impacting 'true risk'? How should CIOs and CISOs engage in corporate risk councils? What skills and workforce gaps must be filled? Allow our expert panelists to share their perspectives and as you return from the Summit you will be ready to implement new strategies, increase the risk IQ inside your organization, and fully prepare your enterprise for its sustainable future.

Moderator **Phil Schenkenberg**, Shareholder, Business Litigation, Briggs and Morgan

Panelist **Mary Beth Borgwing**, President, Standish Risk Management

Panelist **John Coletti**, Vice President, Underwriting Manager, XL Group

Panelist **Mike Johnson**, MSST, CISM, Senior Vice President, Chief Intelligence Security Officer/Director of Operations Risk, Bremer Banks

OCTOBER 22, 2013

12:00 PM – 1:30 PM **Networking Lunch in Exhibit Area**1:30 PM – 2:30 PM **Healthcare – Security Framework and Solutions (Keynote)**

Sponsored by



Digital health is changing the way that doctors and patients interact and health information exchanges are being created to enable access to electronic medical records across organizations. How will this data be secured and protected? How will the systems be secured? The National Cybersecurity Center of Excellence (NCCoE) Deputy Director, Nate Lesser, will share the center's strategy and business model in relation to the healthcare cases under development. Barry Caplin, Chief Information Security Officer at Fairview Health Services, will share his insights on how cyber security protocols, procedures, and controls have been architected into the Health Information Exchange (HIX) platform.

Keynote Introduction by **Curt Scarce**, Account Executive, AirWatch



Barry Caplin, CISSP, ISSMP, CISA, CISM, Chief Information Security Officer, Fairview Health Services
Nate Lesser, Deputy Director, National Cybersecurity Center of Excellence

2:30 PM – 4:00 PM **Privacy and Security – Two Sides of the Same Coin**
(Panel Discussion)

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Online accounts are being compromised at a dramatic rate and the password is no longer a viable form of authentication for many transactions. Alternative two-factor technologies such as one-time tokens, digital certificates, smart cards and biometrics present new options to replace the password; however, under what circumstances does stronger authentication strategies encroach too far on privacy? At what point should privacy trump security? What are the economic and legal forces at play? In this panel, experts with vastly different views about security and privacy will debate their perspectives so you can form new insights with a 360 degree view, gauge the balance in your own organization, and consider the opportunities created as the pendulum swings.

Moderator **Jonathon Flynn, JD, MS**, Assistant Professor, Cardinal Stritch University

Panelist **Thomas Ketcham**, Chief Information Officer, Executive Vice President, Intensity Analytics

Panelist **Michael McNeil**, Global Chief Privacy and Security Officer, Medtronic, Inc.

Panelist **Scott Rea, CISSP, MSc**, Vice President of Government and Education Relations and Sr. PKI Architect, DigiCert, Inc.

Panelist **Jeff Rohlmeier**, Director of Privacy, Motorola Mobility LLC

4:00 PM – 4:20 PM **Cyber Security – A National Security Perspective**

Andrew Borene, Esq., Defense Council, Truman National Security Project; Chairman, Robotics Alley

4:20 PM – 5:15 PM **Cyber Risk Prioritization and Preparedness – a Global Risk Perspective (Keynote)**

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Given the expanding number of well publicized cyber attacks for various motivational reasons on an expanding range of targets, it is hardly surprising to find that cyber risk has significantly ascended in the risk rankings. According to the recently published Lloyd's Risk Index 2013, cyber risk is now the world's number three risk, and for North America, it is number two. However, while the C-suite is increasingly recognizing and prioritizing cyber risk, is it being adequately informed in how prepared it is to deal with this risk? Does it know what else it needs to do to ensure that its preparedness is up to the task of managing this complex risk? In this presentation we will examine the findings of Lloyd's and other surveys and research to address these questions, and in doing so, highlight areas where further remediation is likely to be required, seek to demonstrate how this remediation can also help reduce other risks, and illuminate the consequences of organizations resting on their laurels through ineffective cyber risk management.



Keynote introduction by **Chris Lyons**, Vice President of Business Services, Comcast Business, Twin Cities Region
Marcus Alldrick, Chief Intelligence Security Officer, Lloyd's of London

5:15 PM – 6:30 PM **Closing Reception in Exhibit Hall**

OCTOBER 23, 2013

7:00 AM – 8:00 AM **Registration + Networking Breakfast in Exhibit Area**8:00 AM – 8:20 AM **Welcome + Day One Review + Day Two Forecast**
Gopal Khanna, Co-Founder and Chair, Cyber Security Summit8:20 AM – 9:15 AM **Changing Paradigms of How to Live and Thrive in Cyberspace** (Keynote)

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Numerous organizations have experienced significant attacks and breaches involving both public and private sectors. Today, the world faces increasingly serious consequences of a cyber-breach within critical infrastructures, including banking and finance, energy, telecommunications, and essential government services. We've entered an age of interdependence. This presentation will provide insights into critical areas of cyber security affecting government, industry, and academic leaders throughout world. It will also highlight the progress being made both domestically and internationally through cooperation, including: government, business, and educational imperatives; how to address issues involving cyber war and the possibility of cyber terrorism; and advancements internationally that have been made in areas such as rules for governing cyber conflict, fighting spam to build trust, priority international communications, and improving the reliability of undersea cables that carry 99 percent of global Internet communications.

Keynote introduction by **Walt Swanson, CISSM, CISSP**, Information Security Manager, Minnesota State Colleges and Universities



Lieutenant General Harry P. Raduege, Jr. Chairman, Deloitte Center for Cyber Innovation, Deloitte Consulting LLP

9:15 AM – 10:30 AM **Creating a Better Intelligence Pipeline – Next Generation Threat and Risk Intelligence Sharing** (Panel Discussion)

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As security professionals we often hear about incidents and attacks from CNN and Twitter long before these events are disclosed in formal information sharing networks. And, if they aren't in the news, we may not hear about them at all. What can we change to release the stranglehold and share actionable threat and risk intelligence across the ecosystem in a meaningful and timely manner? What processes and organizations are needed to create actionable information? Why does media 'get the scoop' and what can intelligence sharing networks learn from it? What are the effective ways to obtain management support to disclose intelligence and what legal considerations must be addressed first? How and when should you include the FBI, Fusion Centers and information sharing networks into your strategy? In this panel, the dialogue will uncover the answers to these questions and you will learn how to shrink the time to disclose, increase the value of each disclosure, and shape the future of threat and risk intelligence sharing within your own enterprise and across the ecosystem.

Moderator James Ryan, CSyP, CEA, PMP, Chief Strategy Officer, Cyber Security Summit; Owner & Founder, Litmus Logic, LLC

Panelist Tomas Castrejon, Director, PwC

Panelist W. Anders Folk, Attorney/Shareholder, Leonard, Street and Deinard

Panelist Kathy Grayson, Technology and Healthcare Reporter, Minneapolis/St. Paul Business Journal

Panelist Kathleen Moriarty, Global Lead Security Architect, Corporate Office of the Chief Technology Officer, EMC Corporation

10:30 AM – 10:45 AM **Break**10:45 AM – 12:00 PM **Leveraging the Cloud – Aligning Priorities of CFOs, CIOs, and CISOs** (Panel Discussion)

Cloud-based applications are often the darling of the CFO and the nemesis of the CISO. How can an organization migrate to the cloud, thus relinquishing control, but still maintain security? Are we sacrificing security and robustness in exchange for other priorities? How do 'Snowden' disclosures change the legal and risk nature of cloud decision making and governance? What can proactive cloud providers do to capture the opportunity in the disruption? The panel will explore these topics and more to provide the cutting edge thinking and perspectives you need to shape your own cloud strategies in ways that balance multiple priorities.

Moderator Chris Buse, CPA, CISA, CISSP Assistant Commissioner/Chief Information Security Officer, MN.IT Services, State of Minnesota

Panelist Don Gray, Chief Security Strategist, Solutionary

Panelist Jim Reavis, Founder and Executive Director, Cloud Security Alliance

Panelist John Valente, Vice President of Assurance, Corporate Systems & Chief Information Security Officer, Best Buy Co., Inc.

Panelist Jim Wolford, Chief Executive Officer, Atomic Data

OCTOBER 23, 2013

12:00 PM – 1:15 PM **Networking Break in Exhibit Area**1:15 PM – 2:15 PM **The Hidden Risks of Mobile Applications to Your Organization** (Keynote)

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From physical breaches to the rise of the internet, the threat from hackers is still relevant and ever increasing. While companies need to remember the basics and remain prepared for the number of physical breaches that occur, in the day of BYOD, mobile applications are becoming a major security threat to organizations and they don't even know it yet. While many people talk about the potential risks of mobile devices, often the true impact of these risks is not understood. Over the last few years, Stickley has written mobile applications that allow him to hack into users' online accounts such as online banking, PayPal, and Amazon, and he has designed other apps to attack computers through a home or business network using a simple Wi-Fi connection. In this session, attendees will see real-world examples of how mobile applications can be written to be malicious and explore the damage a skilled criminal can cause. While many of these risks do not have simple fixes, Stickley will provide advice for organizations to reduce their exposure, including what to look for in application settings when downloading new applications to a mobile device, the type of intrusions in the current mobile technology landscape, how to best educate their organization's internal employees, and best practices and policies for organizations to reduce their risk exposure.

Keynote introduction by **Jim Wolford**, Chief Executive Officer, Atomic Data
Jim Stickley, Chief Technology Officer, TraceSecurity, Inc.

2:15 PM – 3:30 PM **New Ways to Crack the 'Affordability' Aspects of Security** (Panel Discussion)

The 'cost' of better security has often been the single largest deterrent to achieving better security. We all know there are only two ways to fix this - lower the 'bottom line' or increase the 'top line.' In this panel you will uncover new strategies that move the dial at both ends. This panel will cover the maturing cyber insurance industry and how it is creating opportunities to significantly lower the cost of security, where insurance stops and what steps must be taken to be insurable, and how to re-think business strategy and planning to integrate cyber in ways that create opportunity, capture larger market share, and even enter new markets.

Moderator **John Orner**, Vice President, Treasurer and Chief Investment Officer, Blue Cross and Blue Shield of Minnesota

Panelist **Mark Camillo**, Head of Network Security/Privacy for the Americas, AIG

Panelist **Commissioner Carolyn Parnell**, CIO, State of Minnesota

Panelist **Robin "Montana" Williams**, GS-15, DH, Branch Chief, National Cybersecurity Education & Awareness, Department of Homeland Security

3:30 PM – 3:40 PM **Break**3:40 PM – 4:40 PM **Cyber Security and the Evolving Role of "On-the-Ground" Response Teams** (Keynote)

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Over the past 100 years, as public safety threats have evolved, so have the roles and responsibilities of 'on-the-ground' response and recovery teams. Our public safety, homeland security, and emergency management process and procedures are highly robust for responding to public safety emergencies and natural disasters. As Sheriff Stanek will address in his presentation, as the cyber security threat continues to grow, there is a compelling need to reassess our emergency response strategies for a cyber event.

Keynote introduction by **Will Brannan**, Sr. Sales Engineer, McAfee
Sheriff Richard W. Stanek, Hennepin County Sheriff's Office

4:40 PM – 5:00 PM **Closing Remarks**

Gopal Khanna, Co-Founder and Chair, Cyber Security Summit

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Steps the C-suite and board can take to guard against cyberthreats

(As published in the Wall Street Journal, CIO Journal, May 7, 2013)

Although most cyberattacks don't make national headlines, they can hurt a business in any number of ways, from simply vandalizing its website to shutting down networks, perpetrating fraud and stealing intellectual property. For many companies, the need to establish an enterprise-wide approach to preventing and responding to such attacks has required increasing attention from boards of directors and executives across the C-suite. The SEC weighed in on the issue, making it important for boards, CROs and CFOs as well to be part of the process in understanding how such policies work within an organization's broader strategies.

A release by the SEC's Division of Corporation Finance included guidance intended to "assis[t] registrants in assessing what, if any, disclosures should be provided about cybersecurity." The release, titled CF Disclosure Guidance: Topic No. 2 – Cybersecurity, added that "as with other operational and financial risks, registrants should review, on an ongoing basis, the adequacy of their disclosure relating to cyber security risks and cyber incidents."

"The SEC guidance is not an actual reporting requirement, but it does highlight the extent to which worries about cybercrime's business impact have risen in the public consciousness," says Kelly Bissell, a principal in Deloitte & Touche LLP's Security and Privacy practice. "With the SEC, in effect, now urging companies to consider disclosing cyber incidents," he adds, "CROs, CFOs and boards of directors have good reason to ask 'How likely is it to happen to us, and what are we doing about it?'"

Taking a risk intelligent view of cyberthreats

These are the same questions that risk committees and organizations address across a broad range of areas—financial risk, reputational risk, regulatory risk and others. When it comes to cyber risks, however, the term "cyberthreat" is often misunderstood or a cyberthreat may be underestimated, so these high-level questions may not produce answers that adequately address the threat.

Unless a company is already quite sophisticated in its cyberthreat risk management practices, it may not yet have the risk management infrastructure and/or governance elements in place to support a meaningful

conversation. For instance, leaders may not have agreed on risk definitions, risk tolerances or metrics specific to cyberthreat risk. Or a company might lack the technology tools to collect and report cyberthreat-related information effectively. For many, the active involvement of senior management and board members well outside the information technology (IT) function may be critical.

If an organization isn't yet in a position to discuss exposure and effectiveness as such, a first step is to ask the executive team four questions about specific information security practices that are essential to effective cyberthreat risk management:

- How do we track what digital information is leaving our organization and where that information is going?
- How do we know who's really logging into our network, and from where?
- How do we control what software is running on our devices?
- How do we limit the information we voluntarily make available to someone who could potentially pose a cyberthreat

Highly effective risk management processes for cyberthreats are repeatable, clearly defined, well-documented and aligned with an organization's larger IT risk management (ITRM) and enterprise risk management (ERM) frameworks. The organization may measure and monitor process effectiveness and efficiency, as well as apply continuous improvement techniques to enhance performance.

At many companies, cybersecurity practices are heavily weighted toward measures, such as firewalls and passwords, aimed at limiting access to the company's network. "Even though these precautions are essential, they're not near enough," notes Mr. Bissell. "Criminals are becoming increasingly adept at infiltrating corporate networks without triggering an intruder alert. Once they're inside, they can easily siphon information off a network unnoticed unless a company is actively looking for signs of suspicious activity. Companies need to transform the way they look at security and become more proactive about defense but also have better detection on the inside and outside of the company."

To help defeat cybercriminals who make it past the access controls, a cyberthreat risk management program or set of protocols should include safeguards against unauthorized information distribution, as well as against unauthorized information access. To be effective a cyberthreat risk management program should employ techniques, technologies and processes that monitor outbound information traffic for both content (is the information appropriate to share?) and destination (where is it being sent?). Destination, in particular, can be a red flag; if information is being sent to a country where a company has no operational presence, it's probably wise to look into who's sending it there and why. An effective program will also be able to restrict the transmission of suspicious communications until their legitimacy is verified, for example, with technologies that electronically "quarantine" the communication while appropriate checks take place.

3. Hold a C-level executive accountable for cyberthreat risk management.
4. Provide sufficient resources for the organization's cyberthreat risk management efforts.
5. Require management to make regular (e.g., quarterly), substantive reports on the organization's top cyberthreat risk management priorities.
6. Expect executives to establish continuous monitoring methods that can help the organization predict and prevent cyberthreat-related issues.
7. Require internal audit to evaluate cyberthreat risk management effectiveness as part of its quarterly reviews.
8. Expect executives to track and report metrics that quantify the business impact of cyberthreat risk management efforts.
9. Monitor current and potential future cybersecurity-related legislation and regulation.
10. Recognize that effective cyberthreat risk management can give your company more confidence to take certain "rewarded" risks (e.g., adopting cloud computing) to pursue new value.

Characteristics of a mature cyberthreat risk management capability

Risk governance (board of directors):	Communication: Ongoing dialogue with management; critical metrics and key performance indicators (KPIs) agreed upon and monitored in real time.
Risk infrastructure (owned by executive management, which is responsible for implementing and maintaining the people, process and technology elements needed to make risk management "work"):	<p>People: Executive team has the background knowledge and current information to actively integrate cyberthreat risk into broader ERM decisions; enterprise uses cyberthreat intelligence to help manage risk in all classes (not just cyberthreat risk) to within defined tolerance levels.</p> <p>Process: Processes addressed by continuous improvement efforts, including automation and other enabling technologies where appropriate; structured cyberthreat risk management program integrated with broader IT risk management and enterprise risk management programs.</p> <p>Technology: Technology used to automate not just threat monitoring and alerts, but also other security processes such as malware, forensic analysis and threat assessment.</p>
Risk ownership (functions and business units):	In addition to the preceding attributes, incentives designed specifically to reward key personnel based on their cyberthreat risk management performance.

"Exploring cyberthreat risk with an organization's executive team can yield value beyond helping to improve governance over this area of risk alone," says Mr. Bissell. "It also can lead to a more productive dialogue between an organization's board and executives about IT risk management in general and greater engagement on all aspects of IT risk," he adds.



Kelly Bissell is a Principal at Deloitte & Touche LLP, and specializes in areas of security including Identity & Access Management, information security frameworks & policies, PKI & smart cards and antivirus architectures.

Please visit the Center pages on <http://www.deloitte.com/us/securityandprivacysolutions> to learn more about this and other topics of interest on security and privacy.

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10 steps toward more effective cyberthreat risk governance

The following 10 steps can provide a high-level guide for establishing a cyberthreat risk governance program, and the approach discussed above can provide a start toward understanding an organization's capabilities for managing and mitigating the ever-present risk that cyber threats pose today. However, neither is intended to substitute for a formal, rigorous IT security assessment performed by specialists.

1. Stay informed about cyberthreats and their potential impact on your organization.
2. Recognize that cyberthreat risk intelligence is as valuable as traditional business intelligence.

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Collaboration is Key to Cyber Security

In early September of this year, President Obama ranked the threat of a cyber attack as one that is at the same level as threats to America's security interests as loose nukes, weapons of mass destruction, and terrorism. This underscores the assessment by many, including Secretary Panetta and Secretary Chernoff, that cyber invasion on the homeland can have a far broader, deeper, disabling and devastating effect than nuclear attacks. Studies done by industry watchers have made available an abundance of unclassified reports for the general awareness of the American public.

The Presidential Executive Order issued earlier this year seeks to establish a coordinated effort on the part of the nation's security complex (DOD, DHS, Department of Commerce, NSA, etc.) to work together as well as develop a framework and guidelines for all the 18 industrial sectors and the local, state and federal government.

Additionally, a broad array of industry reports indicates that in spite of all the media coverage of the problems and challenges associated with cyber attacks, there exists a huge gap between understanding the implications on the part of the citizen, public, technologists, business leaders and C-Suite executives.

In order to combat this looming threat of cyber attack on the nation's critical infrastructure and assets, there is a need to create a multi-stakeholder consortium approach to cyber threat mitigation and cyber security readiness. The development of a continuous and ongoing campaign that rapidly informs the public of cyber attacks and damages incurred to service delivery and shareholder value at all levels is key to encouraging our commercial establishment to develop executable strategies to safeguard our open way of life.

The Executive Order in February cites the importance of collaboration among government, industry leader and technology solution providers who are able to leverage best practices and data sharing through technology solutions, government guidelines and a framework laid out in collaboration with industry professionals to increase our ability to combat cyber threats. This collaborative approach as proposed in the Executive Order is in keeping with the 'multi-stakeholder consortium' model we defined as a platform to defend against cyber attacks.

By bringing together, on a periodic basis, all the stakeholders for a joint conversation to further understand the nature of the latest cyber attacks and deliberate strategies to combat such intrusions, we will be able to construct industry specific solutions that can protect United States citizens from isolated and coordinated cyber attacks that have the ability to be launched from anywhere in the world.

This need for cyber readiness cannot be understated, and cannot be overlooked. Cyber security can no longer be viewed as a problem for the IT specialist; it has to be viewed as a non-partisan problem that requires I.T. Technologists, CISOs, CIOs, CFOs, Risk Managers, Attorneys, COOs, CEOs, Board Members, Chambers of Commerce, Business Roundtables, NGOs, and local, state and federal elected leaders.

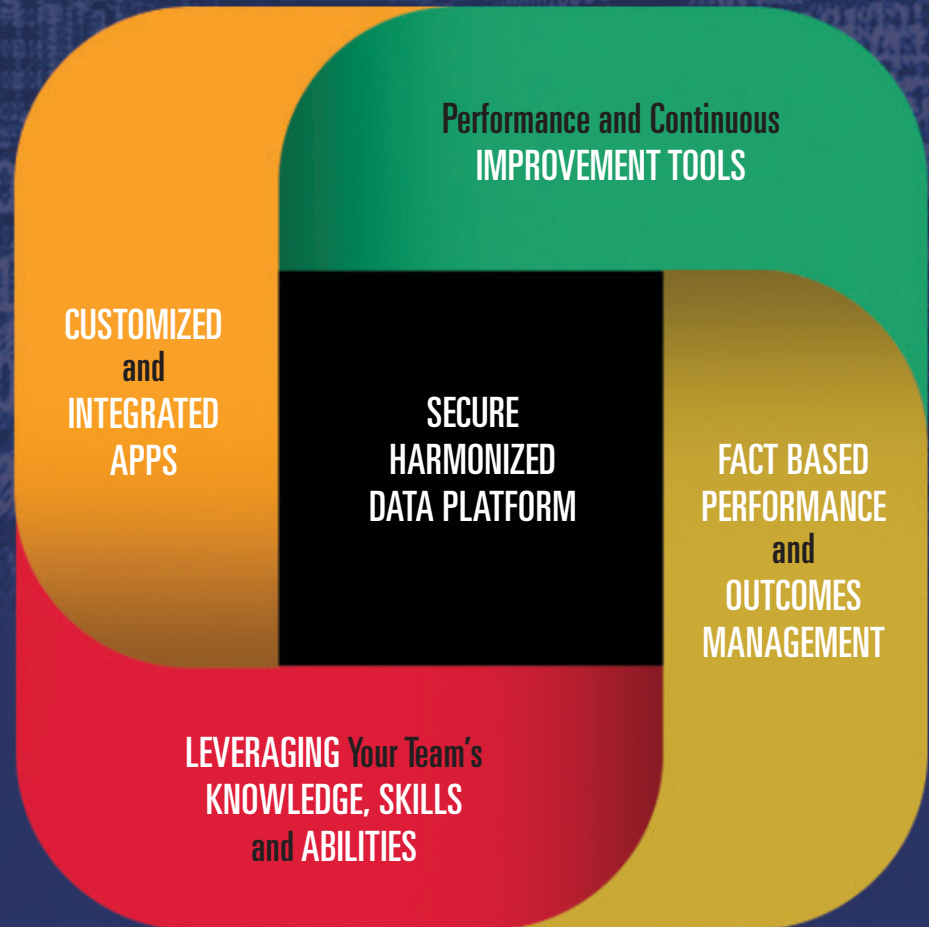
We need to move on from learning about the problem to creating solutions collaboratively. Cyber Security is for all of us to manage together.



Gopal Khanna is a Senior Fellow at the Technological Leadership Institute at the University of Minnesota, a Principal at The Khanna Group, and Founder of Minnesota Innovation Lab (MNilab), a non-profit organization providing a platform for divergent interest groups to work together to develop solutions for public good. Previously, Gopal was CIO and CFO of the United States Peace Corps, CFO of the Executive Office of the President, and was the first CIO of the State of Minnesota.

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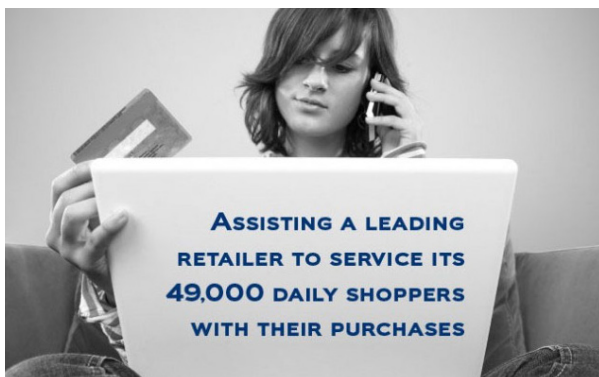
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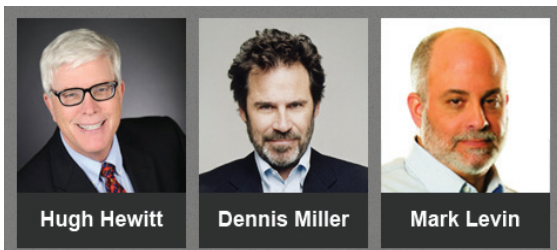


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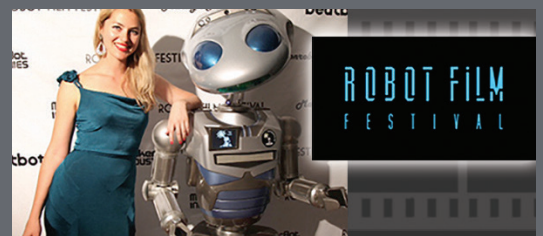
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