



**Workshop
on
Prevention of Mobile Device Theft**

**Agenda
and
Panelist Biographies**

June 19, 2014

FCC Workshop Agenda

- 9:00 – 9:15 am** **Opening Remarks**
Tom Wheeler, Chairman, Federal Communications Commission
The Honorable Amy Klobuchar (D-MN)
The Honorable José E. Serrano (D-NY-15)
- 9:15 – 9:30 am** **Introduction – Overview of the Challenge**
Cathy L. Lanier, Chief of Police, Metropolitan Police Department of the District of Columbia
- 9:30 – 10:45 am** **Panel 1: Working with Law Enforcement**
Maxwell Szabo, Legislative Affairs and Policy Manager, Office of District Attorney George Gascón, San Francisco
Clark Russell, Assistant Attorney General, New York
Ronald Pavlik, Chief of Police, Washington Metropolitan Area Transit Authority
Samuel E. Messinger, Special Agent, U.S. Secret Service
Jeffrey M. Brannigan, Special Agent, (Act.) Section Chief, Cyber Crimes Center, Homeland Security Investigations
John Marinho, Vice President of Technology and Cybersecurity, CTIA
Paul Jones, Senior Director of Global Asset Protection, EBAY
- Moderators:*
Joseph Heaps, Advisor, National Institute of Justice, Office of Justice Programs, U.S. Department of Justice
Eric Panketh, Chief, Operations and Emergency Management Division, Public Safety and Homeland Security Bureau, FCC
- 10:45 – 11:00 am** **Break**
- 11:00 – 12:15 pm** **Panel 2: Better Data**
James Moran, Head of Technical Working Groups, GSMA
Les Gray, Chief Operating Officer, Recipero
Hugo Romero, Advisor, Comisión de Regulación de Comunicaciones, Colombia
John Knoch, Vice President, Program Management, Asurion
W. Matthew Rowe, Vice President & General Counsel, Gazelle
Mary Clark, Chief Marketing Officer, Syniverse
- Moderators:*
Kris Monteith, Acting Chief, Consumer and Governmental Affairs Bureau, FCC
Charles Mathias, Associate Chief, Wireless Telecommunications Bureau, FCC
- 12:15 – 1:00 pm** **Lunch Break**
- 1:00 – 2:15 pm** **Panel 3: The Role of Technology Solutions**
Brian K. Daly, Director - Core & Government/Regulatory Standards, AT&T
Samir Gupte, Senior Product Manager, Lookout Mobile
Jason Novak, Manager, Privacy and Engineering, Apple
Nick Tucker, Program Manager II, Operating Systems Group, Microsoft Corporation
Robert Kubik, Director, Communications Policy and Regulatory Affairs, Samsung Electronics
Asaf Ashkenazi, Director, Product Management, Qualcomm Technologies, Inc.
- Moderators:*
Dennis Roberson, Vice Provost, Executive Director and Research Professor, Illinois Institute of Technology; Chairman, FCC Technological Advisory Council (TAC)
Walter Johnston, Chief, Electromagnetic Compatibility Division, Office of Engineering and Technology, FCC
- 2:15 pm** **Wrap-Up and Next Steps**
Dennis Roberson, Vice Provost, Executive Director and Research Professor, Illinois Institute of Technology; Chairman, FCC Technology and Advisory Council (TAC)

FC Panelist Biographies



Cathy L. Lanier. The cornerstone of Metropolitan Police Department Chief of Police Cathy L. Lanier's leadership lies in her commitment to reducing violent crimes through the strong relationships she has fostered with partners in community as well as those within the criminal justice system. A key to this success was convincing all partners that we could prevent the next homicide through immediate and coordinated action. Strengthened police-community ties have opened avenues of communications, giving victims and witnesses the courage to share valuable information that helps the MPD capture criminals.

Various modes of communication have also expanded under Lanier's direction. The Metropolitan Police Department has increased its use of social media to include tools like Facebook, Twitter, YouTube, and Pinterest. The Department also accepts anonymous text tips to help solve crimes. Since 2008, the first year we deployed the text tip line, the number of tips submitted by community members has increased by nearly 600 percent. Through the MPD's reward program, concerned community members have been recognized for the contributions they made in reducing violent crimes in the District of Columbia. Between 2008 and 2012, the MPD distributed over \$2.4 million in rewards for information that led to the arrest and conviction of violent criminals.

These valuable partnerships have played a key role in the significant decrease in the number of homicides in District of Columbia as well as the outstanding homicide closure rate during Lanier's tenure as Chief of Police. From 2008 to 2012, the city experienced a 53 percent reduction in homicides, ending the year of 2012 with a total not seen since 1961. MPD's homicide case closure rate was 95 percent in 2011 and 82 percent in 2012, compared to the national average of 57 percent. Additionally, from 2008 to 2012, homicides by gun decreased by 64 percent. During the same time frame, juveniles committing homicide decreased 63 percent, and juvenile victims of homicide decreased 85 percent.

Lanier has spent her entire law enforcement career with the Metropolitan Police Department, beginning in 1990. Much of her career has been in uniformed patrol, where she served as Commander of the Fourth District, one of the largest and most diverse residential patrol districts in the city. She also served as the Commanding Officer of the Department's Major Narcotics Branch and Vehicular Homicide Units. Chief Lanier was named Commander of the Special Operations Division (SOD), where, for four years, she managed the Emergency Response Team, Aviation and Harbor Units, Horse Mounted and Canine Units, Special Events/Dignitary Protection Branch, and Civil Disturbance Units. During her tenure as SOD Commander, she established the agency's first Homeland Security/Counter-Terrorism Branch and created an agency-wide chemical, biological, radiological response unit known as the Special Threat Action Team.

In 2006, the MPD's Office of Homeland Security and Counter-Terrorism (OHSCT) was created, and Chief Lanier was tapped to be its first Commanding Officer. A highly respected professional in the areas of homeland security and community policing, she took the lead role in developing and implementing coordinated counter-terrorism strategies for all units within the MPD and launched Operation TIPP (Terrorist Incident Prevention Program).

After assuming leadership of the Metropolitan Police Department on January 2, 2007, Cathy L. Lanier was unanimously confirmed as the Chief of Police by the Council of the District of Columbia on April 3, 2007. Chief Lanier is a graduate of the FBI National Academy and the federal Drug Enforcement Administration's Drug Unit Commanders Academy. She holds Bachelor's and Master's Degrees in Management from Johns Hopkins University, and a Master's Degree in National Security Studies from the Naval Postgraduate School in Monterey, California. She is certified at the technician level in Hazardous Materials Operations.



Maxwell Szabo is the Legislative Affairs and Policy Manager for San Francisco District Attorney George Gascón. The San Francisco District Attorney has been a national leader in the effort to pressure the wireless industry to incorporate technology on smartphones that will deter thieves and end the victimization of millions of Americans. In addition to directing the DA's legislative priorities, Mr. Szabo serves as a spokesperson and manages strategic initiatives and communications for the District Attorney's Office. He has been responsible for advancing the DA's efforts to end the epidemic of smartphone theft, and assisted in the drafting of the California legislation currently pending before the State Assembly. Max has been a point person for the Secure Our Smartphones Coalition on all communications, policy and technical matters.



Clark Russell is the Deputy Bureau Chief of the Internet Bureau of New York State Attorney General's Office where he specializes in privacy, data security and technology law. He has conducted numerous Internet investigations, drafted legislation and testified before various governmental bodies on privacy, data security and technology law. He received his juris doctorate from New York University School of Law and his Bachelor of Arts, cum laude, from Bates College.



Chief Ronald Pavlik, Jr. began his law enforcement career as a police officer with the Metro Transit Police in 1995. Chief Pavlik has worked a wide variety of assignments as he advanced through the department, including Research and Planning, Training Division Commander, Patrol District Commander and Deputy Chief of Patrol Operations. As the Chief of the Metro Transit Police, Ron leads the only tri-state police department in the United States, with over 500 sworn police officers and 200 civilian personnel. Chief Pavlik oversees the safeguarding of more than one million Metrobus and Metrorail customers each day and the safety of over 11,000 employees. He is responsible for the security of revenue, bus and rail transit vehicles, 86 rail stations, 35 parking garages, and numerous support facilities throughout the 1,500 square mile Transit Zone. Prior to joining the Metro Transit Police, Chief Pavlik served in the U.S. Army for over seven years, including multiple overseas tours and a combat tour in support of Desert Storm. He is a graduate of the FBI National Academy and has a Bachelor of Science and Master of Science in Management from Johns Hopkins University. Chief Pavlik resides in Maryland with his wife of 17 years, and three children.



Special Agent Samuel E. Messinger is a criminal investigator currently assigned to the Electronic Crimes Task Force (ECTF) of the U.S. Secret Service's Washington Field Office. During his tenure, he has conducted numerous investigations ranging from traditional counterfeit currency cases to complex frauds involving the nation's electronic payment systems. As a member of the ECTF, he collaborates with State, local and federal law enforcement partners to investigate a wide variety of violent and non-violent offenses involving computers, cell phones and other electronic devices. Prior to his appointment as an agent, he was a nuclear submarine officer in the U.S. Navy.



Special Agent Jeffrey M. Brannigan currently serves as a (Act.) Section Chief, assigned to the Cyber Crimes Center (C3) for ICE Homeland Security Investigations (ICE/HSI). Mr. Brannigan is responsible for supervision of a team of senior graded Special Agents, and for oversight in the development and management of a portfolio of cyber investigations support programs related to export enforcement, illicit finance, and smuggling. Mr. Brannigan serves as HSI's representative to several multi-agency task force operations. Mr. Brannigan holds a Bachelor of Arts degree in Economics from the University of Maryland and a Master of Science degree in Management from Boston University.



John Marinho joined CTIA as its Vice President of Technology and Cybersecurity in March 2012. Marinho's key responsibilities in the created role includes leading CTIA's efforts to help the wireless industry secure its networks and devices against cybersecurity threats and educating policymakers on emerging technologies while advocating for sensible and practical regulations that do not impose unintended consequences. He will also serve as CTIA's primary liaison with government agencies on cybersecurity issues. Marinho previously served as Director for Mobility Solutions at Dell, where he defined the end-to-end mobility solution for enterprise customers and certified the first secure Android implementation for the U.S. Department of Defense. Prior to Dell, Marinho held positions in Strategic Marketing, Product Management and Government Affairs at Alcatel-Lucent. During his tenure at Alcatel-Lucent/Bell Labs he deployed the first wireless broadband 700MHz Public Safety system in Washington, D.C., and implemented numerous commercial wireless broadband networks for carriers around the globe.

He also worked at ITT and Canadian Marconi. He holds the Bell Labs President's award for innovation and was awarded several Bell Labs patents in the field of wireless network optimization, network design and RF technology. Marinho is also the retired Chairman of the TIA TR45 Standards Committee that is responsible for wireless technology standards. He is the recipient of the CTIA and TIA Industry Service Award for his efforts in setting wireless industry standards. Marinho has a MBA from Rutgers Graduate School of Management and graduated cum laude from New Jersey Institute of Technology in electrical engineering.



Paul Jones is senior executive in loss prevention and over the last 30 years Paul has lead Loss Prevention programs at many of our largest retailers, Macy's, Mervyns, Sunglass Hut Luxottica and at limited brands parent company of Victoria's Secret, Bath &.Body Works, Express Fashions, New York and Company and Henri Bendel where Paul was the SVP of Loss Prevention and the Chief Security Officer. Paul worked with The Retail Leaders Association as their VP of Loss Prevention. The last 5 years Paul has built and leads eBay Inc.'s asset protection efforts around the world as the Sr. Director of Global Asset Protection. Paul is the Vice Chairman of The Loss Prevention Foundation, member of Loss Prevention Magazine Board and past executive members of the old prevention councils for NRF and RILA. Paul is also one of the original entrepreneurial founders of LPJOBS.COM the industries leading job site.



Joseph Heaps is the Policy Advisor on Communications and Radio Frequency issues at the National Institute of Justice (NIJ) within the U.S. Department of Justice. Mr. Heaps accepted invited details to the Federal Communications Commission to work on the National Broadband Plan, the Department of Commerce to work on the Broadband Technology Opportunities Program and the U.S. Department of Defense to work on the Transfer of Technology Items and Equipment in Support of Homeland Security Program. Prior to NIJ, Mr. Heaps was Vice President of Business Development at AstroVision International, a commercial satellite company. Mr. Heaps was a Senior Policy Analyst at the FCC, where he advised Satellite and Radiocommunication Division Chief Tom Tycz and served as a United States Delegate to the World Radiocommunication Conference in Istanbul (2000) and in Geneva (1997). Prior to the FCC, Mr. Heaps worked in fixed income portfolio investment management at T. Rowe Price Associates and served eight years on active duty in the U.S. Navy as an Aviator and in Systems

Acquisition in the Space and Electronic Warfare Community. Mr. Heaps holds a Masters in Business Administration from the Darden Graduate School of Business at the University of Virginia and a Bachelor's Degree in Electrical Engineering from Villanova University. Mr. Heaps is a recipient of the Presidential Medal and APCO International's Leadership in Advocacy Award. Mr. Heaps is a member of the Veterans of Foreign Wars.



James Moran was appointed Head of Technical Working Groups at GSMA in 2009 having originally joined the association in May 1999 to support the work of its Fraud and Security working groups. James has retained specific operational responsibility for the GSMA's Security Group, which includes the organisation's programme of initiatives to combat handset theft. James studied law at the University of London and started his professional career in the financial services sector in Ireland where he worked for AIB Group, Ireland's largest financial services group, where he represented the bank at national and international industry level on fraud and related matters. James entered the mobile telecommunications industry in 1996 when he joined Esat Digifone (now O2 Ireland), Ireland's second GSM operator where he established the network's fraud department. James represented the operator internationally on fraud matters and was a founding member of the Irish Telecommunications Security and Fraud Forum, which was established as an industry forum to discuss and address fraud

and security issues in a cooperative manner. James has extensive experience on all matters pertaining to handset theft and is a recognised expert on the subject who has worked with law enforcement agencies, governments, regulators, network operators and handset manufacturers on a range of initiatives to reduce theft levels. James received a formal commendation from the London Metropolitan Police, Scotland Yard in 2006 for contribution and leadership on combating handset theft in the UK and his contribution to USA initiatives was recognised by the Metropolitan Police Department, Washington DC in 2012. James has represented the industry at European Commission level since 2003 on industry initiatives to combat handset theft and he has worked with stakeholders in over 80 countries. He is delighted to support the anti-theft initiatives in the USA and is particularly grateful for the opportunity to participate at the FCC convened workshop. He wishes the organisers and delegates every success with the event.



Les Gray is a wireless theft and fraud mitigation specialist. He's worked extensively with the UK Government, police, insurance and trading community to implement a crime reduction "ecosystem" based on principles of cooperation and data sharing. He is the Chief Operating Officer of Recipero, a trusted 3rd party providing a secure interface and analytics between data providers and users within the ecosystem. He led Recipero's integration project with the UK Police National Computer and the US NCIC Stolen Article File. He is a regular speaker at Policing conferences and a mobile phone crime expert witness. Les is passionate about reducing crime in the wireless sector and has shown that this is achievable without legislation by empowering traders law enforcement agencies to work together.



Hugo Romero is an experienced engineer with depth knowledge of the telecommunications sector with emphasis in mobile services, in Colombia and South America. He has helped the Colombian government to build different strategies in the mobile sector in the past years, as a consultant for Communications Regulatory Commission –CRC-. Since 2011 he has been leading the technical analysis for both the CRC and the Ministry of ICTs on the implementation of the Colombian strategy against mobile terminal theft. This includes coordination of technical aspects in the implementation of the strategy with national and international organizations, including work with CITELECAATEL and Regulatel. Added to his work on preventing mobile theft in Colombia, he has also provided technical advisory in the adoption of transparency rules for consumer protection on the provision of international roaming services. Moreover, He has advised the Colombian regulator on the definition of technical requirements for the deployment of mobile signal jammers in prisons as well as obligations imposed on service providers for the development of a National

Telecommunications Integrated System for public protection and disaster relief. Prior to his work with the Colombian government, he worked with several telecommunications sector companies such as COMCEL S.A. – Colombia's largest mobile operator -, as director for fraud control, revenue assurance and international roaming areas. He holds a B.Sc in Electrical Engineering from Universidad Nacional de Colombia, and postgraduated studies in Telecommunication Business Management from the Universidad de los Andes.



John Knoch is Vice President of Program Management at Asurion, the nation's largest provider of insurance, extended warranty, protection apps, and premier tech support serving the mobile and consumer electronics industry. John leads a team responsible for the analyzing insurance claims trends for stolen, lost, and damaged smartphones. He is also responsible for setting the firm's global anti-fraud strategy in coordination with external stakeholders and internal departments such as customer care and IT. John joined Asurion after a decade with Bain & Company where he advised senior executives on a wide range of strategic topics. He has a Master's of Business Administration degree from Harvard Business School and Bachelor of Arts with Highest Honors from the University of North Carolina.



W. Matthew Rowe joined Gazelle, Inc. in 2012 as its Vice President, General Counsel and first in-house lawyer, managing legal, IP and compliance. Gazelle (www.gazelle.com) is the nation's leading consumer electronics trade-in site, providing an easy, fast and safe way for consumers to get cash for their unwanted devices. To date, Gazelle has paid out more than \$170 million and accepted more than 2 million trade-ins, helping consumers upgrade to the latest technology and earn quick cash. Based in Boston, Gazelle is privately owned and is backed by premier venture capital firms Venrock Associates, RockPort Capital Partners, Physic Ventures and Craton Equity Partners. Previously, Mr. Rowe was Corporate Counsel for Endeca Technologies, Inc., where he joined to assist in the company's IPO preparations and manage commercial licensing for one of Endeca's business units, before its sale to Oracle in December 2011. Before Endeca, Mr. Rowe was an associate in Goodwin Procter LLP's Technology Companies Practice beginning in 2005.

While at Goodwin, Mr. Rowe represented public and private emerging growth technology companies in a wide range of industries. Mr. Rowe holds a B.A. in Political Science from Boston College and J.D. from Boston College Law School.



Mary Clark was named Chief Marketing Officer in early 2014 and leads Syniverse's product marketing, corporate communications, branding, digital strategy, strategic events and industry relations. Previously, she served as Senior Vice President of Next-Generation Roaming Services and Standards, and, prior to that, Senior Vice President of Roaming. In these roles, Ms. Clark spearheaded new product introductions in Syniverse's Real-Time Intelligence and strategic consulting services, defined Syniverse's LTE strategy from concept to product introduction, and played a strategic leadership role in Syniverse's acquisition of MACH. Prior to joining Syniverse, in a career in mobile that has spanned more than 20 years, she held several executive-level positions at MACH, CTIA-The Wireless Association, Cibernet and CellularOne. Ms. Clark earned a Bachelor of Arts in communications from the University of Delaware, and she previously served as the leader of the CIBER standard for approximately 10 years.



Brian K. Daly manages the strategic standards engineering team focusing on 4G LTE evolved packet systems and the IP multimedia subsystem, NfV/SDN, cybersecurity, small cells, machine-to-machine, wireless emergency alerts, regulatory topics including SMS to 9-1-1 and NG9-1-1, stolen handsets, CALEA, public safety broadband, and PSTN transition. Brian is leading AT&T's research into 5G wireless technologies, and is leading industry working groups on 5G in 4G Americas. Brian is a member of the FCC's Technological Advisory Council, co-leading the Advanced Sharing and Enabling Technologies working group, co-leads a working group under the FCC's Communication Security, Reliability and Interoperability Council investigating Wireless Emergency Alert enhancements, and was a member of the FCC Emergency Access Advisory Committee and Commercial Mobile Service Alert Advisory Committee where he led the Communications Technology Group. Brian is Chair of the North American Fraud Forum and Security Group under the GSM Association's North American Regional Interest Group which developed guidelines for Stolen Handsets and the use of the GSM Association's Global IMEI Database, and is on the CTIA's Cybersecurity Working Group. Brian holds a Master of Science degree in Electrical Engineering from Arizona State University with an emphasis in electromagnetic engineering (antennas and microwaves) and communication systems. Brian holds over 80 patents in the telecommunications field.



Samir Gupte is Senior Product Manager for Lookout Mobile, a leading mobile security company that protects consumers' devices and data from theft, malware, and various other emerging threats. Samir leads product development and strategy for Lookout's device manufacturer and carrier partnerships, including Samsung, AT&T, T-Mobile, and Sprint among others. Previously, Samir was a venture capitalist at Comcast Ventures and focused on early and mid-stage investments in various mobile and healthcare technology startups.



Jason Novak Jason joined Apple in 2013 as the manager of the Privacy Engineering team and serves as Apple's technical expert on such issues. Prior to joining Apple, Jason worked at Stroz Friedberg as an Assistant Director of Digital Forensics where he led multiple investigations into the privacy of different mobile apps and into data breaches. Jason holds a Bachelor of Arts from the University of Chicago.



Nick Tucker is a Program Manager with the Operating Systems Group at Microsoft, designing solutions for the connected services that power Microsoft's operating systems at their Redmond, WA headquarters. He joined Microsoft in 2008, starting as a Software Development Engineer writing test automation for Windows Media Center and Internet TV before moving to Windows Phone Services to bring Find My Phone, WindowsPhone.com, and related experiences to life. His mix of technical expertise and passion for user experience has made him central to several projects that bring together client, web, and cloud services. Currently, he is crafting future experiences for Windows and designing a theft deterrence solution for Windows Phone.



Dr. Robert Kubik is a Director of Communications Policy and Regulatory Affairs for Samsung Electronics America and supports Samsung businesses regarding spectrum, regulatory approval and policy development. Dr. Kubik joined Samsung in 2010. In 1994 he joined Motorola and developed domestic and international regulations related to the Iridium satellite system and expanded to developing regulatory policies for cellular, fixed / mobile broadband, license-exempt spectrum and mobile satellite networks. He has also been active in the development of several ITU radio recommendations, co-chair Department of Commerce Advisory Committee AWS-3 satellite working group, US representative to ITU world radio conferences and currently chairs the Alliance for Wireless Power regulatory group. Dr. Kubik holds a BS, MS and Ph.D. in electrical engineering from the University of Nebraska.



Asaf Ashkenazi serves as Director of product management for Qualcomm Technologies, Inc., the world's largest provider of wireless chipsets and software solutions. In this role he is responsible for the oversight of all security products. Prior to his product management role, Ashkenazi served as a lead security architect, defining Qualcomm Technologies Inc. security solutions. Ashkenazi has more than 15 years of security experience spanning across security engineering, product management, strategic marketing and business development. He began his career at Motorola Semiconductor, working on innovative security hardware for mobile and embedded devices. He also served as Chief Security Architect, at Freescale Semiconductor. Ashkenazi holds a Bachelor of Science in Electrical Engineering from Ben-Gurion University of the Negev, Israel. He published many journal articles and papers in leading electrical engineering publications, and has been granted 10 U.S. patents for security architectures.



Dennis A. Roberson is Vice Provost for Research, and Research Professor, Computer Science at Illinois Institute of Technology, and is also the President and CEO of Roberson and Associates. His research focus is in wireless technology and especially dynamic spectrum management. He serves on governing and / or advisory boards for several technology-based companies, charitable institutions, and state and federal government agencies. Previously, he served as Motorola's EVP/CTO, and held executive positions at IBM, DEC (now HP), AT&T, and NCR.

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