Tuesday, May 24, 2022

Session Time: 8:00 AM – 9:00 AM

Opening & Welcome

Presentation of Scanlon Excellence in Criminal Justice Information Sharing Award

Keynote

Break Time: 9:00 AM – 9:15 AM

Session Time: 9:15 AM – 10:45 AM

Consensus for Change: Transforming Safety through Technology

- Catherine A. Miller – NCR-LInX Program Manager, Montgomery County (MD) Police Department
- Paul Steinberg – Senior Vice President of Technology, Motorola Solutions
- Brian Fontes – CEO, NENA
- Doug Buchan – Emergency Management Director, Sinai Health Systems

Based on the voices of 12,000 citizens, as well as 50 public safety agencies, commercial organizations and experts across 10 markets, this global research report uncovers the beginnings of a new safety movement to be built upon the fair, inclusive and transparent use of technology - in our communities and beyond. Following up from the original unveiling of this study, industry leaders will share additional insights gained over the past years and how it is impacting their organizations through all stages of the pandemic.
Fortify Now: Protect Your Organization from Ransomware Attacks

- David Clow – Chief Information Officer, Washington (DC) Metro Police Department
- John Mittmann – Chief Information Officer, Post Falls (ID) Police Department
- Art Thompson – Chief Information Officer, City of Detroit
- Scot Haug, Chief of Police (Ret.), Post Falls (ID) Police Department

This presentation will cover lessons learned from three agencies that have been victimized by ransomware attacks. The panel discussion will cover actions to take in the event of an attack, and more importantly, preventive steps that should be taken to mitigate risk and protect agency data. Presenters will include IT experts from Washington DC, Detroit, Michigan, and Post Falls, Idaho. Speakers will candidly share an overview of their experiences, as well as best practices to prevent future attacks.

Innovating through Government Red Tape - The Texas Department of Public Safety’s Solution Center

- Jessica Ballew, MS, CTCM – Chief of Infrastructure Operations, Texas Department of Public Safety
- Bryan Lane – Chief of Information Technology, Texas Department of Public Safety
- Jared Vanden Heuvel – Program Coordinator, Infrastructure Operations Division, Texas Department of Public Safety

Innovation is a challenge in the government environment, particularly when it comes to the constraints presented by budget cycles and purchasing rules. The TX Department of Public Safety will describe how it established a Solutions Center to overcome this challenge by providing a space for innovators from public safety agencies, industry, and academia to collaborate and identify business and operational solutions to improve public safety, communication, and situational awareness and pilot new solutions and technologies to determine viability and need, while honoring administrative rules.

Understanding the Legal, Ethical, and Community Expectations of Your Drone Program

- Don Redmond – Captain, Chula Vista (CA) Police Department
- James M. Rowland – sUAS Pilot Patrol Officer, Fort Wayne (IN) Police Department
- Rodney Bradtmueller – Supervisor, Air Support Unit, Fort Wayne (IN) Police Department
- Don Roby – Training Program Manager, Airborne Public Safety Association

Understanding the legitimate public concerns about surveillance and privacy, agencies must take steps to ensure their UAS program is not grounded before ever taking flight by building and maintaining trust within the community. During this presentation, hear from Fort Wayne and Chula Vista Police Department’s on establishing successful UAS programs and the innovative Drone as First Responder (DFR) program. Attendees will learn steps to take in addressing privacy issues, legal and ethical landmines, and police accountability.

Break Time: 10:45 AM – 11:00 AM
Session Time: 11:00 AM – 12:00 PM

How an AI Machine Trust Platform Combats Doubt in Modern Crime Fighting Tools

- Paul Boudreau – Executive Director, Technical Operations, Royal Canadian Mounted Police
- Roch Séguin – Director, Strategic Services Branch, Royal Canadian Mounted Police
- Colin Stairs, BSc. ENG., MBA – Chief Information Officer, Toronto Police Service
- Niraj Bhargava, P.Eng., ICD.D – Executive Chair, NuEnergy.ai

Law enforcement agencies are experiencing loss of reputation and public trust as a result of unintentional failures in AI governance. Legislation is being considered in some jurisdictions to limit access to AI-based investigative tools. The RCMP’s experience with AI motivated it to adopt a strategic approach to the selection and use of emerging technology. The RCMP will share the steps it is taking to establish a National Technology Onboarding Program, develop comprehensive and tool agnostic governance, increase transparency, and measure trust parameters such as privacy, ethics, and bias.

Imaging Radar: Can it Enhance Trust and Safety While Preserving Privacy?

- Christian Quinn – Major (Ret.) Cyber & Forensics Commander, Fairfax County (VA) Police Department
- Carl Rushmeyer – Retired Deputy Chief, Sunnyvale (CA) Public Safety

Imaging radar is used in airports to quickly and efficiently determine if someone might have a weapon. Recent advances in chip technology indicate that in the near future this technology could be deployed in a unit as small as a hand-held device. This could be particularly advantageous for law enforcement; from maintaining a reactionary gap in lieu of physically patting someone down, to eliminating cross-gender searches that can lead to complaints of inappropriate touching. This presentation will examine how such technology could be leveraged without compromising concerns for privacy.

Improving Efficiency and Community Engagement by Going Mobile

- Eric Schmitz – Major, Lenexa (KS) Police Department

This will be an agency presentation that demonstrates the benefits of issuing smartphones to all personnel and the synergy realized through effective integration with existing systems. The result is a connected officer with ready access to mission-essential information regardless of assignment. Using complementary technologies and applications as force multipliers, the smartphones are CAD-enabled, CJIS-compliant, and used for gathering evidence, managing body-worn cameras, accessing CCTV devices and live drone feeds. The focus will be on lessons learned and best practices.

Lessons From Civil Unrest: Using Technology To Manage Major Operations

- Scott Gerlicher – Commander, Special Operation and Intelligence Division (Retd. 2021), Minneapolis (MN) Police Department
- Mark Wood, Lieutenant, Executive Officer, Indianapolis (IN) Metropolitan Police Department – CRO, Fusus
Scott Gerlicher, the former Commander of the Minneapolis Police Department’s Special Operation, and Intelligence Division, will discuss what he learned from incidents of civil unrest and major event management operations. Participants will learn how a blend of new real-time crime center and mobile technologies can be utilized to mobilize and successfully orchestrate large scale and highly fluid operations, including multi-agency operations and community participation in crime mitigation. He is joined by Mark Wood of Fusus, formerly of the Indianapolis Metropolitan Police Department.

**Lunch (Provided): 12:00 PM – 1:00 PM**

**Session Time: 1:00 PM – 2:00 PM**

**Building Public Trust through a Citizen Image/Video Submission Portal**

- Brandon Epstein – Director of Forensic Training, Medex Forensics
- Jesus R. Valenzuela – Manager III, Forensic Digital Imaging Section, Seattle (WA) Police Department
- Bertram C. Lyons – Managing Director for Software Engineering, Medex Forensics
- Matthew Carlson – Program Manager, Axon

This presentation will provide an overview of the Seattle Police Department’s development and roll-out of a platform to accept community submitted images/videos for use as investigative leads. From rapidly standing-up a submission portal during the summer of 2020 to the launch of a permanent solution, the SPD’s Forensic Digital Imaging Section addressed multiple challenges. The approach to a successful platform and lessons learned will be discussed with an emphasis on considerations for platform development, data security, privacy considerations, and video/image authentication.

**Cybercrime Training and Technical Assistance: Building Digital Trust in Rural Communities**

- Jeffrey D. Lybarger – Associate Vice President, NW3C
- David P. Lewis – Senior Policy Advisor, US DOJ BJA
- Robert Leazenby – Supervisor High-Tech Crime Section, NW3C
- Lee Miller – Chief Operating Officer, Institute for Intergovernmental Research IIR

As our world continues to be transformed by the revolution of new technologies, concerns of digital trust have never been greater. Small, rural, and tribal law enforcement agencies must be prepared to handle the rapid proliferation of cybercrime threats in a secure and ethical manner. With the exponential increase of digital technology, including IoT, 5G, vehicle telematics, and data management, it is critical that small, rural, and tribal agencies receive the proper training, resources, and technical assistance to successfully combat these crimes, while also maintaining community trust.

**Officer Health and Wellness in the Modern Era of Technology: A Trauma Informed Action Plan**

- John Carli – Chief of Police (Ret), Vacaville (CA) Police Department, California Police Chief’s Assoc. Wellness Committee

Law enforcement professionals are exposed to very high levels of stress and trauma, uniquely different from what people outside the profession experience. Attendees will learn how stress and trauma
impacts police work, how officers and their families are affected by trauma, how to become a trauma-informed leader, and how trauma impacts life after law enforcement. Learn how leaders can serve as trauma-informed change agents, help save the lives of officers, and lead the way by strengthening officer wellness, resilience, with the use of technology.

**Using Body-Worn Cameras for Building Community Trust**

- Craig D. Uchida – President, Justice & Security Strategies, Inc.
- Jennifer Wood – Assistant Professor, Temple University
- Dijonée Talley – Doctoral Candidate, Temple University
- Arif Alikhan – President, Taclogix

This session provides information about how body-worn cameras (BWC) and footage have been used to assist agencies in building trust within their communities. The audience will learn whether and how BWCs have led to increases in transparency and accountability from different viewpoints. A police chief, an expert on constitutional policing, and researchers will provide their perspectives on how cameras and footage have assisted in improving trust.

**Break Time: 2:00 PM – 2:30 PM**

**Session Time: 2:30 PM – 3:30 PM**

**IoT & The New Era of Tech Misuse in Domestic Violence Cases**

- Elaina Chavez-Roberts, JD – Technology Safety Legal Manager, National Network to End Domestic Violence
- Toby Shulruff – Technology Safety Project Manager, National Network to End Domestic Violence

When victims claim that an abusive partner is tracking their every move or harassing them by remotely controlling the thermostat, it can sound unbelievable. The harassment can be difficult to identify and connecting the abuse back to the perpetrator can be challenging. However, the impact on victims is real, and can be traumatizing. This session will focus on how offenders misuse the Internet of Things (IoT) and emerging technologies. We will focus on where to find evidence of this type of abuse and how law enforcement can better support victims experiencing technology abuse.

**Tailoring Technology to Fit Your Real-Time Information Center Needs**

- Jamie Hudson, California P.O.S.T. Master Instructor – Real-Time Information Center Supervisor, Elk Grove (CA) Police Department
- Timothy Albright, Adjunct Professor – Chief of Police, Elk Grove (CA) Police Department
- Caity Peak – Communications Intelligence Specialist, Elk Grove (CA) Police Department

This presentation explores the various technologies available in the real-time information/crime center space, and how the Elk Grove Police Department has tailored their use of various technologies to fit the needs of the department, instead of purchasing technology packages which may not entirely meet the need. Attendees will leave with information and a job aid which will assist them when navigating the real-time center technology space and how it fits within their agencies.
Turning Face: Ethical Use of Facial Recognition

- Kevin Branzetti – Deputy Chief, Manhattan District Attorney's Office
- Kevin Metcalf – President, National Child Protection Task Force

The increased availability of facial recognition software puts law enforcement in a precarious situation: how to best utilize cutting edge technology while being cognizant of software limitations and legal challenges. This presentation will focus on the proper use of facial recognition, including least invasive means, biases, required training, supervision, and public accountability. Structure of a model facial recognition unit and requisite roles will be explained in detail. We will also discuss workflow based on redundancy, peer review, and openness.

Technology and Your Community

- Wayne Harris – Deputy Chief (Ret.)/Executive Director, The Initiative Advancing the Blue and Black Partnership
- Nadine Jones – Co-Founder, The Initiative Advancing the Blue and Black Partnership

This session will focus on the relationship between law enforcement and the communities we serve, and how technology can enhance that relationship. Presenters will introduce two digital platforms, Central and Central Plus. Central is a police facing program that allows departments to self-evaluate in three areas; community policing, organizational development and training. Central Plus is a similar program but it is public facing and measures quality of life metrics as well as a community’s perception of their police agency.

Exhibit Hall Ribbon Cutting: 3:30 PM – 3:45 PM

Welcome Reception Exhibit Hall: 3:45 PM – 6:00 PM

Wednesday, May 25, 2022

Breakfast (Provided): 7:30 AM – 8:30 AM

Breakfast & LEIT Section Business Meeting

- George Perera, Major, Miami-Dade (FL) Police Department
- Catherine Miller, NCR-LinX Program Manager, Montgomery County (MD) Police Department
- Rick Scott, Chief of Police, San Luis Obispo (CA) Police Department
- George Vit, Sergeant, South Brunswick (NJ) Police Department
- Mike Bell, Chief Technology Officer, Houston (TX) Police Department
- Daniel Mahoney, Deputy Director (Ret.), NCRIC

All registrants are welcome to attend the Breakfast & LEIT Section Business Meeting. The LEIT Board of Officers will discuss activities of IACP’s Law Enforcement Information & Technology Section. LEIT members will elect a new board member.
Break Time: 8:30 AM – 9:00 AM

Plenary Session Time: 9:00 AM – 10:30 AM

Building Trust: Legal and Ethical Issues in Emerging Technology Implementation

- Donald R. Zoufal, J.D., C.P.P. – Legal Advisor/Lecturer, Illinois Association of Chiefs of Police / University of Chicago
- Jonathan Lewin, Chief (ret.), Chicago Police Department – Senior Public Safety Advisor, FirstNet Authority
- Shawna Coxon, PhD – Deputy Commissioner, An Garda Síochána, Ireland’s National Police and Security Service
- Craig Allen – Lieutenant Colonel, Chief Fiscal Officer, State Purchasing Officer (Ret.), Illinois State Police
- Dr. Humaid Alshamsi – Artificial Intelligence Application Expert, Abu Dhabi Police

As camera surveillance systems and tools proliferate and fields of data available for analysis expand, there is increasing pressure to use analytic tools to make sense of that data. Understanding the legal and ethical considerations in communities concerning the use of those systems and tools is critical to their deployment. Deployment patterns for emerging technology internationally dramatizes the impact of legal and ethical considerations on permissible technology uses. It also provides insights on a path forward in development of technology programs that are accepted in communities.

Break in Exhibit Hall Time: 10:30 AM – 11:00 AM

Session Time: 11:00 AM – 12:00 PM

Multimedia Evidence Tools on the Digital Content Analysis Platform

- Kimberly Meline – Program Manager/Forensic Examiner, Federal Bureau of Investigation
- James R. Brown – Assistant Director Operational Technology Division, FBI
- Sam Cava – Unit Chief MXU OTD, FBI

Recently, the FBI has begun offering an array of tools for multi-agency use in critical incident investigations via the Digital Content Analysis Platform (DCAP). This workshop will demonstrate uses for the tools (Triage ToolKit, Pegasus and Jupiter), describing collaborative efforts between agencies to accomplish mass multimedia review with surveillance video, call detail records, and social media records. The presentation will focus on two cases from recent years: civil unrest centered in Minneapolis, Minnesota, and civil unrest at the US Capitol.

Overcoming Communications Challenges with New Technology

- Harry Markley, Retired Assistant Chief Phoenix PD – Senior Law Enforcement Advisor, FirstNet Authority
- Mike Wischmann – Sergeant, Arizona Department of Public Safety
- Kelly Dignin – Executive Director Integrated Public Safety Commission, Indiana State Police
New technology helps agencies address critical communication needs. High Power User Equipment (HPUE) boosts coverage from existing towers. PTT helps maintain communications during critical emergencies making it a valuable safety tool, including in rural and remote areas and in city high-rise building valleys. Deployables like Cell-on-Wheels and Cell-on-Light Trucks and new Compact Rapid Deployables and blimps provide coverage in remote areas during serious incidents or pre-planned events and can help to reconstitute coverage. Join the discussion to share solutions for these challenges.

**Placing Policy before Technology: Ethical Use of Facial Recognition**

- Joseph Courtesis – Inspector (Ret.), New York (NY) Police Department, JCour-Consulting LLC
- Derek Sabatini – Lieutenant, Los Angeles (CA) County Sheriff
- Daniel Heltemes – Sergeant, Arizona Department of Public Safety

The presentation will focus on post investigative image identification with the assistance of Facial Recognition Technology (FRT). The session will discuss three successful law enforcement deployment strategies: 1) Internal agency, centralized deployment (NYPD), 2) Multi agency, centralized deployment (ACTIC), and 3) Multi-agency decentralized deployment (LACRIS). Any image identification process that includes FRT must put policy before the technology. This session will provide “appropriate use” guidelines, best practices, policy recommendations and community buy-in for all three strategies.

**The Technology behind the Ashanti Alert Act - Creating a National Network**

- Henry Oleyniczak – Chief Research Officer, Regional Information Sharing Systems (RISS) Program
- David P. Lewis – Senior Policy Advisor, US DOJ BJA

AMBER and Silver Alerts have been effective in returning many individuals to safety. What about the others who are not children or seniors? The Ashanti Alert Act was passed to fill the gap addressing abductions and adults with diminished capacities, yet this alerting convention is essentially unknown. Adults are more likely to cross state lines and other jurisdictional boundaries. This presentation will educate attendees about the Act, named in honor of Ashanti Billie, project progress, and proposed technology solutions to help enable jurisdictions to share missing person information.

**What Policing Professionals Must Know About the Internet of Things**

- James J. Emerson – Vice President, National White Collar Crime Center (NW3C)
- Chuck Cohen, Captain ISP (Ret) – Vice President, NW3C
- Steven DeBrota, US Attorney (Ret) – Vice President, National White Collar Crime Center (NW3C)

The complexity of IoT technology, while diverse and rapidly changing; is capable, user friendly, and found today in most homes and businesses. This technology while enhancing quality of life, medical care, physical security, and providing intelligent automation for so many aspects of life; also presents new considerations for officer safety, public safety, and a wide range of digital evidence sources of value to investigators, medical examiners, and prosecutors. This panel will address these key issues in practical, investigative, and legal terms of value to law enforcement professionals.

**Lunch (Provided) in Exhibit Hall: 12:00 PM – 1:00 PM**
**Beyond the Black Box: The Data-Driven Future of Accident Investigation**

- David Bano, Chief Claims Officer - Nationwide Ins [ret.] NICB Board Member. Director - Pennsylvania Insurance Fraud Authority. IACP Member. Society of Automotive Engineers. – President, Quantiv Risk
- Michael Nelson, Mobility & Technology author/expert. Society of Automotive Engineers. Admitted Attorney NY, PA, DC, NJ, OH – Founder & CEO, Quantiv Risk
- Chris Plante – Det. Sgt. Major Collision Investigation Unit, York Regional Police, Aurora, Ontario

Quantiv Risk has developed technology that utilizes the raw data recorded both in and around a vehicle to produce a completely objective account of the incident. This includes capturing cloud and internal video, plus detailed vehicle information such as auto-pilot activity, speed, braking, steering angles, precise timing & geo/accident location. The presentation will focus on how data is eliminating subjectivity in accident reconstruction and how civil/criminal liability will eventually be determined, as we move from vehicles like today's semi-autonomous Tesla to a full self-driving future.

**Blocked by Blockchain: Tips from Policing Executives to Keep Ahead of Cyber Criminals**

- Katherine Faley – Chainalysis

Criminals are using cryptocurrencies like Bitcoin as consumer adoption grows, leading to an increase in cryptocurrency theft and new avenues to exploit the vulnerable. Law enforcement agencies of every size face challenges with cryptocurrency that make it difficult to bring criminals to justice, including fewer resources, sophisticated criminal methods, and a steep learning curve. In this session, law enforcement executives will share tips for how agencies can stay ahead of cryptocurrency crime and prepare their forces to respond. We’ll also share the latest trends in cryptocurrency crime.

**Bringing It Together: Image Capture, Digital Evidence Integration, and Ethics**

- Elliot Harkavy, – Advisor, Center for Justice Research and Innovation | Institute for Public Research, CNA
- Michael Chiocca, MS CFVT – Detective / Architect Area Technology Centers, Chicago Police Department
- Derek Meeks – Chief Information Officer, United States Attorney’s Office for Washington, DC
- Eddie Reyes, Deputy Police Chief (Retired) – Director, Prince William County Office of Public Safety Communications

Three of the most important topics in law enforcement technology are digital evidence integration, big data, and digital ethics. Our presentation will focus on how these three topics should be considered in proximity to one another as well as how law enforcement agencies can integrate in overall IT strategies. This presentation will feature law enforcement professionals (police and prosecutors), each of whom will discuss their approach to these issues, successes, and challenges.
Utilizing Police Technology to Address Organized Retail Crime

- Travis Martinez – Deputy Chief of Police, Redlands Police Department
- Randy Hamilton – Director of Loss Prevention & Compliance, Tilly’s
- Tom Severance – Manager, Organized Retail Crime Investigations, Ulta

The impacts of organized retail crime (ORC) have made headlines across the nation. From California to New York, law enforcement officials, local politicians, and asset protections specialists have had to face the challenges that ORC crews have brought to their communities. Learn how the Redlands Police Department (CA) has partnered with retail chains to use specialized police technology to apprehend those who are intent on driving up the crime rate by participating in organized retail theft. By using specialized GPS tracking technology coupled with installing automated license plate reader cameras that address community privacy concerns, RPD has created a system that has been proven to be effective in locating those who commit ORC and recovering property that has been stolen during ORC events.

Break in Exhibit Hall Time: 2:00 PM – 2:30 PM

Session Time: 2:30 PM – 3:30 PM

Don’t Lose your Wallet: Understanding, Analyzing, and Investigating Cryptocurrency

- Scott Tousley – Chief Development Officer, Inca Digital
- Greg Favitta – Director, US Federal, Ciphertrace (Mastercard)
- Jim Emerson – Vice President, NW3C

We will start with application of open-source intelligence (OSINT) principles to the digital and crypto currency arena and describe typical services elements that can help law enforcement. We will lay out a flexible methodology that LE individuals and teams can use to engage digital and crypto currency investigations, including training, situational awareness/understanding, analysis and investigation methods and tools. We will address key legal policy in this area, the dynamic character of digital and crypto currency, and how this area touches companies, regulators and individuals.

National Motor Vehicle Title Information System and the Law Enforcement Access Tool

- Thomas Foster – Law Enforcement Program Manager, American Association of Motor Vehicle Administrators
- Les Cravens – Director of Law Enforcement and Policy, Auto Data Direct, Inc.

This seminar will provide training and education on the use of the National Motor Vehicle Title Information System (NMVTIS), Law Enforcement Access Tool (LEAT). The LEAT program is administered by the U.S. Department of Justice and is offered free to law enforcement. As vehicle crime continues to impact communities, law enforcement officers need proactive resources to obtain detailed vehicle history and status information allowing for enhanced investigative techniques. This training session will provide instruction on the use of NMVTIS LEAT and explain the benefits for investigations.
Utilizing Technology in Sleep & Fatigue Education

- Yvonne Taylor, BEng(Hons), MSc, PhD – Chief Inspector of Police - Fatigue & Sleep Lead, National Police Wellbeing Service
- Ian Hesketh – SRO, National Police Wellbeing Service

In a national wellbeing survey in England & Wales, sleep problems and fatigue were highlighted as a particular issue for police employees, with 45% reporting frequently obtaining less than 6 hours of sleep. As a result, research has been conducted, and is continuing with experts from around the world in order to produce and roll out a series of programs aimed at tackling this growing issue. One of these programs includes a Virtual Reality educational simulation of an officer completing a nightshift and trying to drive home. This is aimed at educating and stimulating conversation.

Utilizing Your Agency’s Best Technology: The Superpowers of Crime Analysts

- Mary Bertuccelli – President, International Association of Crime Analysts
- Kristen Lottman – Secretary, International Association of Crime Analysts

What are Crime Analysts? How do they increase trust? Using a homicide case, we will show how an analyst's technical and analytical skills are harnessed through analysis/mapping of Google records, scouring social media and using free resources. Today we're bombarded by data that's difficult to decipher. From public health informed policing to murder, data collection and analysis are central to providing a true understanding of the scope and complexities of the problems facing law enforcement. This presentation will help you realize your crime analysts’ capabilities and how to best employ them.

Break in Exhibit Hall Time: 3:30 PM – 4:00 PM

Session Time: 4:00 PM – 5:00 PM

A Job Few Want: Using Technology to Recruit in Today's Climate

- Kyle Dowdy, Professional Standards Captain, Farmington (NM) Police Department
- Steve Hebbe, Chief of Police, Farmington (NM) Police Department
- Nate Lacey, Recruiting Lieutenant, Farmington (NM) Police Department

This presentation will discuss the issues in recruiting in the current climate in America. It will discuss ways to engage potential candidates by using social media, electronic leads, and professional marketing. We will talk about methodologies and how to track successes and failure using metrics and analytics. We will go into detail about how to have a successful process that will gather quality candidates and push them to apply for your agency in a competitive job market. The workshop will be an interactive dialogue that will facilitate discussion to see what other agencies are also doing.

Beyond Fighting Crime: Utilizing Facial Recognition in Humanitarian Efforts

- Jason Hutchinson – Special Investigator, Northern California Regional Intelligence Center Digital Forensic Evidence Lab
• Roger Rodriguez – Vice President of Public Sector, New York Police Department (Ret.), Clearview AI

Amber. Silver. Blue. Camo. Dementia. 5150. 5250. EDP. Law Enforcement often face the crucial challenge of identifying an individual who may be unable to communicate their name, medical needs, or why they need help. In these situations, time, accuracy, and officer safety are key. Once solely considered a crime-solving tool, facial recognition technology (FRT) is now one of the most important law enforcement tools for humanitarian use cases. This discussion will cover specific cases where individuals in need, with no identification, were identified by investigators using FRT.

Cutting Edge Criminal Tradecraft: War Stories with a Purpose

• Steven DeBrota, US Attorney (Ret) – Vice President, National White Collar Crime Center (NW3C)

This presentation will use instructive case examples to recognize and understand cutting edge criminal tradecraft, problem solve to defeat these techniques, and identify useful processes, hardware, and software solutions. Topics include investigating cutting edge criminals, evolution of an effective process model, IoT and cloud crime scenes, Dark Web groups, and identifying what works and what fails during investigations and prosecutions.

Real Time Crime Center Development for Small to Medium Police Agencies

• Clifford Hagan, M.S – Lieutenant, West Palm Beach (FL) Police Department

Real Time Crime Center workshop discusses the design, development, and implementation of a RTCC program, realistic program expectations, development of public/private partnerships, and enhancing community support through transparency. Topics include identifying program objectives, evaluating community needs, selecting technology systems, developing RFP’s, selecting integrators & staff, defined training goals, developing policy, and methods to use technology in unison to achieve maximum return on investment, developing a force multiplier in investigations, while maintaining community trust.

Thursday, May 26, 2022

Plenary Session Time: 8:00 AM – 9:00 AM

Navigating Emerging Technology in a Changing Legislative Environment

• Ben Bawden – Partner, Brooks Bawden Moore, LLC

The legislative landscape for new and existing policing technologies is constantly changing, sometimes based on incomplete information that has profound impact on law enforcement’s ability to prevent and investigate crime. Panelists will discuss the latest legislative developments, how leaders can become greater advocates during bill creation, and how to protect the use of emerging technology through comprehensive policy.

Break in Exhibit Hall Time: 9:00 AM – 9:30 AM
Session Time: 9:30 AM – 10:30 AM

A New Approach on Fraud and Cybercrime - Domestic to International

- Gilad Bahat, – Head of Investigations, Intelligence and Technology section, police Legal Advisor, Israel National Police

The presentation deals with the various methods for obtaining information, analysis and treatment of fraud and cybercrimes in the Israel Police and presents a new idea and concept that aims to optimize the prevention, investigation and knowledge about these crimes at the local and international level. The goal is for each participant to take an idea or part of the concept in order to incorporate it into the work of the law enforcement organ to which he or she belongs and thus optimize the work of the organization and the ability to decipher crimes, with an emphasis on recidivist criminals.

Unclassified Information Sharing: Homeland Security Information Network-Intelligence

- Max M. Lassiter – Program Analyst, Department of Homeland Security Office of Intelligence and Analysis

The presentation will provide an overview of the Department of Homeland Security Office of Intelligence and Analysis primary sensitive unclassified information sharing platform, the Homeland Security Information Network (HSIN)-Intelligence (Intel), and associated initiatives. The segment will include the purpose, use, and effectiveness of HSIN-Intel; and will offer an understanding of its content, analytical tools, mobile application functionality, and future initiatives.

Understanding Gunshot Reporting Using Shotspotter in Four U.S. Cities

- Cory P. Haberman – Associate Professor, University of Cincinnati
- Bradley J. O’Guinn – Researcher, University of Cincinnati

This presentation will overview an independent evaluation of ShotSpotter’s gunshot reporting efficacy in four cities. The study finds between half to three-quarters of gunshots are reported by ShotSpotter only. Further, for the small percentage of gunshot reporting events captured by both citizens and ShotSpotter, roughly a quarter to a half of addresses provided were at least a street block away from each other. The presentation will provide a detailed study description for attendees interested in assessing their own data and the policy implications for police agencies adopting ShotSpotter.

Break in Exhibit Hall Time: 10:30 AM – 11:00 AM

Session Time: 11:00 AM – 12:00 PM

Enhancing the Artificial Intelligence of Abu Dhabi Police

- Dr. Humaid Alshamsi – Artificial Intelligence Application Expert, Abu Dhabi Police
- Dr. Hazza Alshamsi – Telecommunication Network Specialist, Abu Dhabi Police
- Ahmed Surour Alshamsi – Head of Safe City Center, Abu Dhabi Police
Abu Dhabi Police (ADP) has assembled technologies to build up the Intelligent Patrol solution using the most comprehensive and advanced suite of license plate recognition (LPR), facial recognition, Speed enforcement system and public records data fusion and analytic products available. Abu Dhabi Police Solutions is now recognized as a global leader in the security field. ADP solutions creates highly innovative and essential tools for law enforcement tools that ultimately save lives.

**License Plate Readers: Current State of the Technology**

- Craig Allen – Lieutenant Colonel, Chief Fiscal Officer, State Purchasing Officer (Ret.), Illinois State Police
- Brian Ursino – Director, Law Enforcement, AAMVA
- Catherine A. Miller – NCR-LInX Program Manager, Montgomery County Police Department

This presentation will describe the results of a survey of LPR use from the IACP and a report of LPR "best practices" from AAMVA before discussing law enforcement’s use of LPR more broadly.

**The Use of Risk Assessment Models to Reduce the Threat of Officer Injury During Response**

- Brittany Cunningham – Project Director, CNA
- Vincent Bauer – CNA
- Mary O’Connor – Senior Advisor/ Chief (ret.), CNA
- Eric Olsen – Major, Spokane (WA) Police Department

CNA has partnered with four police agencies to investigate how predictive analytics can be used to develop pilot risk assessments to identify the major risks to officers when responding to calls for service. This presentation will present pilot risk assessment models that predict high-risk situations, the specific factors that are important in predicting high-risk situations, and how agencies can use the findings to enhance officer safety in the field. The presentation will also include perspectives from the partnering law enforcement agencies and advisors.

**Lunch (Provided) in Exhibit Hall: 12:00 PM – 1:00 PM**

**Session Time: 1:00 PM – 2:00 PM**

**Deflection, Diversion, and the Role of Technology - Lessons from the Field**

- Daniel P. Meloy, Chief of Police and Director of Public Safety, Ret. – Director of Operations, O2SL and QRT National
- Scott Allen, Chief of Police, Ret. – Chief Operating Officer, O2SL
- Kelly Firesheets, PsyD – VP, Strategy & Partnerships, Cordata Healthcare Innovations

This session will describe the structure of police-led deflection programs, and how technology can support them. The presenters will explain how deflection operates and where technology can support the basic tenets of "Community Policing 101". Presenters will describe the roles of different technologies in supporting deflection, including helping to identify vulnerable people, assisting in gathering information about the community and program participants, documenting, and supporting collaborative work processes, providing outcome or follow-up information.
Field Training Operations: Digitizing for Operational Efficacy and Transparency

- Lemual Moore – Academy Director, Wichita (KS) Police Department
- Jason Cooley – Recruit Training, Wichita (KS) Police Department

The Wichita Police Department has undergone a departmental transition, from circulating paper, to using technology to enhance their business efficiency and to empower continued innovation for the department. The goal was to provide a wholistic, standardized record of officer training with the ability for administrative tracking and recording of the process. Digitizing the FTO plan was a focus to increase visibility, provide access to training and testing, simplify reporting and the ability to track compliance. WPD will provide details for the learnings gained and progress made for FTO.

Seeing Is Believing: The Impact of Body-Worn Cameras on Court Outcomes

- Noel Castillo, PhD – Officer/Training Unit, Miami Beach (FL) Police Department
- Alex Mouro – Officer, Miami Beach (FL) Police Department

The purpose of this presentation is to introduce the participants to the results and research processes associated with Petersen, Mouro, Papy, Castillo and Ariel (2021). This study assessed the effects of body worn cameras (BWC’s) on prosecutorial and court-related charge outcomes across multiple crime types. This included domestic violence charges, crimes committed against police officers, and drug/alcohol charges. The results of this study suggest that BWCs have noteworthy evidentiary value that differs by crime type.

Trust, Confidence, and Privacy: An International Discussion on Information Management

- Christian Quinn – Major (Ret.) Cyber & Forensics Commander, Fairfax County (VA) Police Department
- Crystal Cody, CGCIO – Public Safety Technology Director, Charlotte-Mecklenburg (NC) Police Department, City of Charlotte-Innovation and Technology
- Lance Valcour, O.O.M. – Police Inspector (Ret.), Ottawa Police Service

Police agencies across the U.S. and around the world have an obligation to leverage technology to enhance how they serve their communities. They are also required to do so ethically and with a sense of fiscal responsibility. Regardless of the form of government or size of any agency, certain best practices are universally important when creating a road map to adopt new technology. Strategic planning, assessing privacy impact, cyber-security, and data governance are only a few priorities. This panel will highlight international best practices that can be adopted by agencies of any size.

Break Time: 2:00 PM – 2:15 PM

Session Time: 2:15 PM – 3:15 PM

Don’t Get Doxed: How Officers Can Protect Their Personal Information

- Matt Polak – CEO and Co-Founder, Picnic Corporation
- Brett Lawler – Police Officer, Henderson (MN) Police Department
The threat of doxing for law enforcement officers is more real today than ever before. Whether through criminal counter-surveillance, retaliation, or anti-police political organizations, the exposure of officers’ personal information puts their lives and their families’ lives in danger. In this environment, it is crucial that police proactively protect themselves by knowing and managing the information that is out there about them. We will discuss the various ways that officers can safeguard their personal information, whether on their own or utilizing various data security technologies.

Incorporating Technological Advances by a Mid-Sized Police Department

• Trent Rundquist – Crime Laboratory Supervisor, Grand Junction (CO) Police Department
• Jordan Huslig – Digital Forensic Analyst, Grand Junction (CO) Police Department

The Grand Junction Police Department is a mid-sized department serving the Western side of Colorado. With limited collaborative abilities with larger departments because of geographical location, the agency has found unique ways to expand our technology in the field and laboratory to better serve the community and other agencies around the area. This lecture will discuss some of the technology incorporated by our department, issues in obtaining/keeping up with the latest technology, and collaborative efforts with other agencies. The main focus will be on the forensic side of law enforcement.

Performance by Design: Training Innovation for Next-Gen Policing

• Laura Brown, Ed.M. – Vice President of Curriculum & Learning Design, WRAP Technologies

The speaker will introduce a framework for performance evaluation, learning design, and technology integration for law enforcement training & education programs. Participants will leave the workshop with new knowledge & tools for evaluating their own training programs, innovating on their existing programs, and integrating technology on an as-needed basis.

The 10 Things You May Not Know About Nlets: The International Justice and Public Safety Network

• Bonnie Locke – Chief Marketing Officer, Nlets

Did you know that there are over 100 data sources available to query through Nlets? In this presentation, you will learn ten things you might not have known about Nlets and hear success stories from the field. You can expect to hear about the variety of data resources you can access through Nlets, and to learn about our cloud hosting solution. You can also become familiar with opportunities for Strategic Partnership with Nlets, the ways we collaborate with international and national agencies, and a brief overview of the new projects that Nlets is working on.

~End of Program~

Download the IACP Mobile App to stay up to date on all schedule changes. The Technology Conference schedule will be available on the app in late March.