TECHNOLOGY CONFERENCE 2021
IACP ONLINE May 17-19 theIACP.org

Monday, May 17, 2021
Session Time: 11:00 AM - 12:00 PM

Opening & Welcome

- Dan Mahoney, LEIT Section Chair / Deputy Director, NCRIC
- Cynthia Renaud, President, IACP

Keynote

- Catherine De Bolle, Executive Director, Europol

Presentation of *Scanlon Excellence in Criminal Justice Information Sharing Award*

Session Time: 12:15 AM - 1:00 PM

Achieving CJIS Compliance with Smartphones - What You Need to Know

- Chris Weatherly CISSP-ISSMP - Information Security Officer, FBI
- Eric Wood - Director, Automated Regional Justice Information System (ARJIS)
- Dale Stockton - Managing Partner, Public Safety Insight

Smartphones provide operational benefits that can be significantly expanded if officers can access criminal justice databases. This requires compliance with CJIS policy and can be somewhat challenging. The workshop will provide clear guidance on key areas including multi-factor authentication, mobile device management, encryption requirements, and compensating control options. Presenters include an agency IT manager who achieved approval for CJI query on department smartphones, a veteran FBI CJIS ISO, and a practitioner who authored a guide to achieving CJIS compliance with smartphones.

Connecting Technology Infrastructure and Operational Requirements

- Mike Bell - Chief Technology Officer, Houuston Police Department
- Crystal Cody CGCIO - Public Safety Technology Director, City of Charlotte Innovation and Technology
- Christian Quinn - Senior Director of Government Affairs, Brooks Bawden Moore
- Richard Zak - Director, Public Safety & Justice Solutions, Microsoft

This session will focus on the connection between technology infrastructure and operational requirements - and include the critical role of cyber security, the growing complexity of digital evidence management, and the challenge of managing the security and compliance of information across law enforcement and social service agencies for incidents.

The Video Narrative: Harness the Power of Condensed Videos for Suspect Identification

- Michael Chiocca - Detective / Architect Area Technology Centers, Chicago Police Department

Once investigators have completed the sometimes-troublesome tasks of video evidence recovery and footage playback, how do organizations identify suspects? Attendees will learn how police agencies are using condensed videos on internal and external platforms for suspect identification. These skills also are applicable for agency transparency involving use-of-force incidents and FOIA.

The Future of Integrated Forensics: Ecosystem Solutions for Digital Forensic Investigations

- Kevin Kyono

A mobile device is a goldmine of data; in an era where 98% of investigations involve some form of digital evidence and data volumes continue to grow exponentially, having the most advanced mobile forensic tools at your disposal - from the first extraction, to analysis, to management and eventually, in court - is critical. But with dwindling resources, time, and the ongoing challenges impacting today's law enforcement operations, how does your agency keep up in a forensically-sound, efficient manner now and heading into the future? Join us for an exploration of how MSAB's complete mobile forensic ecosystem can dramatically scale up your forensic operations while automating and simplifying your workflow. In this session, we'll look at ways examiners, managers, investigators, and analysts can harness the power of MSAB's mobile forensic tools to reduce the evidentiary backlog and automate device extractions inside of our powerful XRY, XAMN, and XEC solutions.

Session Time: 1:45 PM - 2:30 PM ET

Cybersecurity Threats to Public Safety in 2021 and Beyond

- Tyler Brodbeck - Cybersecurity Information Protection Specialist, Motorola Solutions
- Travis Randall - Threat Intelligence Analyst, Motorola Solutions

Public safety organizations face growing threats from criminals, nation-states, hacktivists, and insiders across systems and platforms. The Threat Intelligence team will take a deep dive into the threat actor tradecraft that is targeting emergency services, as well as actionable take-

aways for securing Mission Critical communication systems. The presenters will cover the threat landscapes for LMR, PSAPs, Records and Evidence storage, and BWCs with recommendations as to how to address them. This session seeks to empower public safety organizations to better secure the critical systems citizens depend on.

Drones, the FAA, and you!
- Michael O'Shea Federal - Public Safety Liaison, Federal Aviation Administration

Unmanned Aircraft Systems, or 'Drones', can support the public safety mission when used in compliance with FAA rules and regulations that ensure safe integration in the National Air Space. This session will answer your questions regarding public safety UAS operations, provide needed resources, and assist as you deal with non-public safety UAS operators.

The Future of Advanced Crimefighting Technologies
- Jonathan Lewin - Chief (ret.), Chicago Police Department - Senior Public Safety Advisor, FirstNet Authority
- Brent Dupre Assistant Chief - Assistant Chief, Intelligence, Technology, Training, Recruiting, Professional Standards, Austin Police Department
- Anthony Tasso Inspector - Commanding Officer, Information Technology Branch, New York Police Department
- Leonard Nerbetski

Violent crime is on the rise, and advanced crimefighting relies on real-time situational awareness. Attendees will learn how new technologies can capture, process, and make information available and actionable. The Chicago, Illinois, Police Department pushes daily action plans to officers in real time. The Austin, Texas, Police Department is rolling new technologies into their real-time crime center in addition to building relationships with communities and businesses. The New York Police Department has integrated dozens of databases into an application every officer can access on their smartphone, helping response and increasing information collection to inform strategy.

Solutions to Deliver on Transparency and Develop Data-Driven Strategies
- Jeremy Summers

Join Tyler Technologies to learn how Law Enforcement Analytics, Law Enforcement Explorer, and Citizen Connect allow for easy data sharing, improved transparency, and utilizing real-time data to enact tactics that help improve safety for communities and officers. With these web-based solutions, command staff, law enforcement officers, and civilian staff can pull data showing not only what's happening at the time, but also compare data from day to day, week to week, month to month, and so forth. This data can be easily shared across departments, allowing for full insight into what is occurring in the agency and the community. Agencies using Citizen Connect also experience improved efficiency by

allowing the community to directly access real-time crime data from the web, which reduces calls to the agency, thereby improving self-sufficiency and expectations.

Digital Forensic Technologies for LE Applications (*LE Personnel Only*)
- Patricia Wolfhope - Sr. Subject Matter Expert, DHS
- Eric Kukula - Program Manager, Noblis Inc.

The Department of Homeland Security (DHS) Science and Technology Directorate (S&T) will brief and demonstrate new disruptive technologies that are government-owned and currently available to law enforcement. The systems were developed with direct input from law enforcement officers who specialize in digital forensics. Facial recognition, camera ID, speech and language tools, and livestream investigative tools will be announced.

This session is a live session and will not be recorded. Limited to law enforcement personnel only.

Discussions of Funding and Need for Clear Metrics with Former Police Chiefs Turned City Managers
- Craig Allen - Lieutenant Colonel, Chief Fiscal Officer, State Purchasing Officer (Ret.), Illinois State Police
- Bradley Bloom - Assistant Village Manager/Director of Public safety, Village of Hinsdale, IL
- John Jackson - City Manager, Greenwood Village Co

Police operations require almost everything to be in digital format, which drives up costs. City managers are central to all financial discussions. Costs of an ever-expanding need for operational technologies and the resulting out-year costs create a division between operational needs for more digital technology and storage and citywide administration understanding those needs to be able to identify funding for future costs and how to best contain those costs. Attendees will learn how using proper metrics can help drive higher likelihood of funding in contemporary times.

Law Enforcement Workforce Analytics...See How Your Data Reveals Your True Cost of Services
- Jackie Belasky
- Leslie DeLatte

In this session you will learn how to analyze your data for a better understanding about creating visual analysis of workforce costs. Areas of focus will include CAD incident costs

by responding employees and the aggregation of regular, overtime, and pay adjustments. This data will be presented from different organizational, pay exception, and funding points of view.

Practical Applications of Artificial Intelligence in Modern Day Policing
- Paul Steinberg

Description Forthcoming

About DAM Time: A Candid Conversation About Digital Asset Management and Evidence Storage
- Brandon Epstein - Detective, Middlesex County Prosecutor's Office
- Kara Van Malssen - Managing Director, Consulting, AVP
- Glenn Cavin - Lieutenant, Plano Police Department
- Darryl Branker

With the deluge of images, videos, digital forensic exams, and other digital media in modern criminal investigations, law enforcement agencies are often drowning in digital media. Other industries have long established practices in digital asset management (DAM) that effectively store and organize these digital assets in a central location to manage, share, and store. This panel will give insight into challenges facing law enforcement in handling this data and highlight ways agencies can effectively manage and store electronic evidence.

Nlets - Knowledge is Power!
- Teri M. Harsin - Training & Development Manager, Nlets
- Bonnie Locke - Chief Marketing Officer, Nlets

In clear detail, the presenters will discuss how Nlets and NCIC are different. They will provide examples of the various resources each entity offers and how each is important in the daily duties of law enforcement and public safety. The various message keys and resources available via Nlets will be identified. The presenters will also include real-life scenarios where Nlets has assisted in solving cases and will ask the attendees to join the conversation by speaking on incidents in which Nlets was a factor in assisting to solve a crime at their agency.

AI-powered Drones: The Next Step in the Evolution of Public Safety UAS
- Troy Montgomery

Drones are experiencing rapid adoption across public safety agencies, who recognize the value of giving officers a new set of eyes from privileged vantage points for emergency

response, search and rescue, and evidence collection, to name a few. However, for all the good they bring, there are still important limitations for agencies to scale UAS use effectively. Traditional manually operated drones are highly complex devices, requiring extensive training and imposing a high cognitive load on the operator who must capture the scene, while trying to avoid crashes that would damage their valuable equipment. As the leader in AI-powered autonomous flight, Skydio is redefining the future of the UAS industry. Combining the latest innovation in AI, computer vision and robotics, Skydio autonomous drones offer a tactical advantage to public safety agencies, turning any officer into an expert pilot who can now fly safely in obstacle-dense environments and get closer to capture better data. By leveraging this next generation of aerial intelligence, agencies can reduce training burdens, increase safety to personnel and the community, turning drones into valuable force multipliers.

There is a Better Way: How to Streamline Policy Management, Save Thousands, and Automate Processes
- Brandy Osborn - Accreditation Manager, Springfield (MO) Police Department
- Shelly Woodruff

Description Forthcoming

Tuesday, May 18, 2021
Session Time: 10:00 AM - 10:45 AM ET

LEIT Section Business Meeting (Open to All Attendees)

Session Time: 10:00 AM - 10:45 AM ET (Plenary Session)

AI to Improve Officer Wellness and Citizen Engagements
- Kathleen Cowles - Partner, Deep Water Point LLC
- Shawna Coxon PhD - Deputy Commissioner for Strategy, Governance and Performance, An Garda Síochána, Ireland's National Police and Security Service
- Zhivago Dames MSc, BBA, AA - Chief Superintendent, Royal Bahamas Police Force
- Chris Settle - Deputy Chief, Culpeper Police Department
- Richard Zak - Director - Public Safety & Justice Solutions, Microsoft

Artificial Intelligence is already delivering powerful new capabilities to support law enforcement agencies including the acceleration of analysis and insights from data, driving prioritized information faster to officers in the field, and improving resource allocation efficiency. AI can also play an important role in supporting officer health and wellness, as well as increasing community engagement. Join the IACP Communications and Technology subcommittee on AI as they discuss high priority needs, challenges, and opportunities. The panelists will explore the use of AI for physical, mental, and emotional support; for early

identification and intervention of potential problems; and to automate public engagement to ensure immediate and consistent response to citizens.

A Preliminary Study on The Possible Use of Autonomous Vehicles for Police Activity
- Paolo Cestra - President of Honour, ROADPOL European Roads Policing Network
- Nicole Miriam Scala - Traffic Psychologist – National Expert in Emergency Psychology – Expert at the EU Commission DGMove, Private

Driverless cars are a decisive factor to reduce road accidents in the future. Safety, faith, privacy, reliability, and responsibility are the most important factors that occur before buying or driving this type of car. These factors are specifically fundamental in the case of implementing driverless vehicles for police patrolling activity. Actual research points to how these factors are linked to psycho-social factors and the knowledge of the actual technologies influence the faith of police officers approaching the possible use of autonomous vehicles.

New and Enhanced Mobile Device Access to Federal Data Sets
- Charlotte Whitacre - Director, Government Engagement, FirstNet Authority
- Brent Dupre Assistant Chief - Assistant Chief, Intelligence, Technology, Training, Recruiting, Professional Standards, Austin Police Department
- Walt Smith Chief - Chief, Intelligence Division, Philadelphia Police Department
- Shane Lamond Commander - Commander, Intelligence, Washington, DC, Metro Police Department

FirstNet is now under contract with federal law enforcement and justice agencies. This will benefit state and local law enforcement agencies integrating federated access and information exchange solutions with select nationwide criminal justice databases. This presents endless opportunities and will make true real-time situational awareness possible and streamlined in the field. Additionally, this will improve information sharing, including investigative and intelligence capabilities from a mobile device in the field.

Introducing ArcGIS for Police Transparency
- John Beck
- Chris Delaney

In this session the Esri Law Enforcement Team will discuss how your agency can build trust and legitimacy with an easy-to-configure community engagement hub. Police Transparency uses ArcGIS Hub technology to deliver a collection of maps and apps that can be used to share open data, promote transparency, and foster community-based policing. Quickly and easily share data about current crime conditions, police use-of-force incidents, and agency diversity data. Citizens can also report problems, give feedback and work with you to

understand neighborhood problems and achieve collaborative solutions. Police Transparency leverages the Esri Geospatial Cloud and is included with ArcGIS at no additional cost.

8 Reasons CIOs Modernize Public Records Request Processing with Cloud Tech and How to Join the Movement

- Jennifer Snyder

Providing access to Public Records is required by law. The pandemic and police reform legislation exposed issues with outdated information-sharing processes across the nation and special pain points for LEAs. The PiPR Index offers quantitative proof that this mission-critical service is increasing in complexity. So, how can your organization modernize to stay compliant with fewer resources AND deliver better transparency and customer service? This workshop provides clarity to the challenges of public records from an IT perspective and encourages exploration of the path to modernization. GovQA and a current CIO present the IT and security issues, best practices, and potential solutions for retooling this key government function. Beginning with a challenges checklist to get an organizational baseline assessment, the session will provide detail needed to develop your modernization plan.

Session Time: 1:45 PM - 2:30 PM ET

A Tale of Two Cities: Police Technology Approaches in Toronto and Chicago

- 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
- Patrick O'Donnell Lieutenant - Lieutenant, Chicago Police Department
- Shawna Coxon PhD - Deputy Commissioner for Strategy, Governance and Performance, An Garda Síochána, Ireland's National Police and Security Service

This presentation examines differing approaches of Canadian and U.S. law enforcement in developing and using technology platforms, including artificial intelligence and facial recognition. It examines both the technologies and the programs to manage them. Chicago and Toronto police showcase the effect of privacy and civil liberties concerns in shaping emerging technology use. Understanding the difference in approaches from these cities will assist administrators on either side of the border in planning their technology use and governance practices.

Information Sharing and Transparency through Open Data

- Cody M. Gabbard - Crime Analyst, Portland (OR) Police Bureau

Over the past several years the Portland, Oregon, Police Bureau and Division has been committed to increased transparency through data sharing. They have built, and continue to

build upon, an open data portal for the public. As user statistics continue to grow, staff believe that it is due to several factors that are incorporated into each visual dashboard: consistency across visuals and downloadable data, accessibility, and ease-of-use. Participants will be provided examples of this work, as well as the process and methods for keeping visuals fresh and up to date.

Next Gen Evolutions: Non-Human Initialized Incidents
- Karin Marquez - Director of Public Safety (Interim), RapidSOS
- Keith Kelley - Deputy Chief of Police, Athens-Clarke County Police Department

Presentation Description: We live in a world where our home security systems know there is an emergency occurring before we do. So why do we need to pick up the phone to dial 9-1-1? In this session, public safety leaders and emergency technology experts will discuss the future of public safety – the delivery of data-first emergency requests for service – and how it allows dispatchers to respond to incidents with increased efficacy.

Planning for and Implementing a Transition to FirstNet
- John McMahan
- Blaine Bertrand
- Doug Clark

Join the FirstNet team for a candid conversation with Chief John McMahan, Los Angeles Police Department (large agency) and Blaine Bertrand, Director Technical Services, Randall County Sheriff's Department (small agency) about their planning for and implementation of FirstNet within their agencies.

Session Time: 3:00 PM - 3:45 PM ET

Ethical Use of Facial Recognition Technology in Law Enforcement: Policy & Process Before Technology
- Joseph Courtesis - Inspector, NYPD (retired)
- Nicole Spaun - Senior Manager of Criminal Justice Training and Development, IDEMIA

The focus of this session is on post-investigative image identification with the assistance of Facial Recognition Technology (FRT). FRT, by itself, does not produce probable cause to arrest. The technology does, however, provide a valuable lead as the first step in an image identification process. Any image identification process that includes FRT should put policy before the technology. This session will provide "appropriate use" guidelines, best practices, and policy recommendations. The session will also discuss what to look for in a FRT vendor, address bias concerns, and discuss training opportunities.

From the $1 Billion Silk Road Seizure to "Welcome to Video": Cryptocurrency Intelligence Lessons

- Gurvais Grigg
- Jonathan Levin - Chief Strategy Officer, Chainalysis

Threat actors use cryptocurrencies like Bitcoin to facilitate a range of illicit activity -- like the Silk Road darknet marketplace and child exploitation site Welcome to Video -- to evade law enforcement. The often-misunderstood good news is that the public cryptocurrency blockchain presents a real-time, open-source intelligence collection opportunity and a complement to existing intelligence. In this session, Gurvais Grigg, Chainalysis Public Sector CTO and former FBI assistant director, and Jonathan Levin, Chainalysis co-founder and Chief Strategy Officer, will discuss lessons from cryptocurrency cases and how blockchain analysis can be used to investigate a range of criminal threats, including darknet narcotics, terrorism, human trafficking, ransomware, and organized crime, and share trends in cryptocurrency crime.

Records Management System Standards—Updated

- Catherine A. Miller - NCR-LInX Program Manager, Montgomery County Police Department
- Crystal Cody - Public Safety Technology Director, City of Charlotte- Innovation and Technology
- Melissa Winesburg - Director of Programs, IJIS Institute
- Todd Thompson - VP, Strategic Development, Caliber Public Safety

In 2019, the IACP CJIS Committee and IJIS Institute formed the Records Management System (RMS) Standards Task Force to review and update the Law Enforcement Information Technology Standards Council (LEITSC) RMS Functional Specifications documents that were released in 2006 and updated in 2009. These are still important to law enforcement and RMS software providers but needed to be updated to the latest technological advancements to the architecture and deployment of these systems. The 25 member international task force worked diligently to review, update, and publish the latest version.

Exploring 100x Faster Digital Triage of Computers and Smartphones with Cyan Forensics

- Graham Little
- Bruce Wilson
- Alan McConnell

Today it's possible to access illegal child sexual abuse imagery and videos via leading search engines, with no more than simple search terms and three clicks. The internet has also increased opportunities for terrorists and extremists to communicate, collaborate and convince. This session will explore finding evidence of child abuse or terrorist activity on suspect's computers and devices in just minutes, replacing processes that take weeks or

months in a forensics lab. Given a positive product evaluation by NCMEC (the National Centre for Missing and Exploited Children) and described by the UK Government as "game changing tech", join us to learn how these rapid digital triage tools are already helping law enforcement and how they can be used to support your investigations in the lab and on the front line.

Leveraging Advanced Analytics for Identity Resolution
- Alison Brooks - Research Vice President - Public Safety, IDC
- Eldon Amoroso - London Police Service (Ret.) - Senior Director, Birch Forest Projects Inc.

Being able to quickly understand an individual's identity with as much accurate information as possible is a fundamental, challenging, and unappreciated element of law enforcement and investigative work. Police personnel investigating a criminal incident need to understand "who is who" and "who knows whom" in near-real-time. Yet this base capability is thwarted by poor data management, clerical errors, and duplicate records which obfuscate information about a person's identity. This session will analyze the research that assessed the value of advanced analytics in resolving identities and optimizing data management.

An Interactive Guide to the Future of Public Safety Mobility
- Bill Schrier - Senior Public Safety Advisor, FirstNet Authority
- Ed Arib - Information Systems Manager, Portland Police Department
- Bill Brooks - Chief of Police, Norwood Police Department

This working session will engage the attendee's voice in how mobility technologies can advance law enforcement. Learn more about how mobile apps are changing law enforcement through scenario-based demonstrations. Attendees can bring their own devices and demo applications/solutions. New apps will increase location-based services and the details about those assets, like knowing what training an individual has (e.g., CIT, active shooter) to identify the best resources in the vicinity for responding to a critical incident. This workshop shows how agencies are developing their own apps.

Police Tech That Endures: Implementation Secrets for Agency Success
- Eric La Scola - Manager, Solutions Marketing, Nuance Communications
- Michael Boone - Lieutenant, Ogden Police Department

From body cameras to speech recognition, police technology pervades nearly every facet of a law enforcement professional's daily work. Yet, the practical application of police technology – particularly in small to mid-sized agencies – can be fraught with failed implementations. "Agency success" is a thoughtful antidote to implementation shortcomings for any sized agency. In this workshop, you'll hear from Lieutenant Michael Boone, who will join Nuance

Communications to explore how the Ogden, UT Police Department engaged early with Nuance's agency success team pre-and post-implementation, and the lessons they learned for implementation success that can be applied to any technology implementation.

Wednesday, May 19, 2021
Session Time: 11:00 AM - 12:00 PM ET (Plenary Session)

Digital Assets: Managing Cost, Capacity, Risk, and Integrity
- Craig Allen - Lieutenant Colonel, Chief Fiscal Officer, State Purchasing Officer (Ret.), Illinois State Police
- Jim Emerson - LTC (Ret.) Marines, US Vice President, National White Collar Crime Center (NW3C)
- Thomas Ruocco - Chief, Criminal Investigations, Texas Department of Public Safety
- Zhivago Dames MSc, BBA, AA - Chief Superintendent, Royal Bahamas Police Force

The panel will examine a range of compelling cases and promising approaches to help police leaders better understand digital information best practices to address shrinking resources. Police digital retention demands integrity, whether operational or administrative. With increases of records, evidence, video capture, digitization of operations and training, department digital storage costs and cyber risk exposure are driven up. Police budgets are shrinking due to the COVID-19 pandemic, as well as the scrutiny of police use of technology, resulting in public calls for criminal justice reform.

Session Time: 12:15 PM - 1:00 PM ET

Advanced Cold Case Support Team
- Catherine A. Miller - NCR-LInX Program Manager, Montgomery County Police Department
- Mitch Cunningham - Training Coordinator, Law Enforcement Continuing Education, Cape Fear Community College-North Campus

Law enforcement has successfully gathered vast amounts of data, while the quality of analysts and the tools they have access to has grown, opening new opportunities to close cases and obtain justice. Sadly, many jurisdictions and the communities they serve, do not have access to these resources, resulting in unsolved cases and continuing the loss of justice these victims and their families feel. Fusion centers already possess these resources and, with some modifications, could provide an investigative, analytical, and technological resource for smaller jurisdictions who need this advanced support.

Cybersecurity for the Small Law Enforcement Agency
- Ciro Cetrangolo, CISSP - Village of Richmond, IL Police Dept

A non-technical discussion of key concepts a chief must understand to effectively mitigate current cybersecurity and ransomware threats. Practical guidance and realistic best practices, along with down-to-earth suggestions on how to best address cybersecurity issues, including an introduction to the NIST cybersecurity framework, will be discussed. One of the most common misconceptions is that defending against these threats is costly. But that does not have to be the case if cybersecurity is addressed with some basic best practices and some knowledge.

Next Level Mission Critical Services with FirstNet
- Mike Barney
- Ryan Burchnell
- Jared VandenHeuvel

Join this session to understand how FirstNet is taking Law Enforcement to the next level of mission critical services. Improving communications resiliency in rural, impaired and even dense urban service areas can be difficult. The unique features of FirstNet such as High Power User Equipment (HPUE) and mission critical services such as FirstNet Push-To-Talk capabilities allow law enforcement agencies to have higher throughput and coverage for critical communications. Used together, higher standards of communications assurance can be met with lower overall operational costs and virtually no capital investment.

The Automated and Fully Integrated Workforce Scheduling Solution for Public Safety
- Tim Peregoy
- Bill Mitchell
- Emily Fisk
- James Waring

Description Forthcoming

Session Time: 1:45 PM - 2:30 PM ET -

Law Enforcement Cyber Center: "A Valuable Resource for Investigators"
- Jeff D. Lybarger - Associate Vice President, National White Collar Crime Center (NW3C)
- Jim Emerson - LTC (Ret.) Marines, US Vice President, National White Collar Crime Center (NW3C)
- Ryan Daugirda - Project Manager, IACP
- Jessica Tolliver - Director of Technical Services, Police Executive Research Forum (PERF)

The Law Enforcement Cyber Center (LECC) was developed to enhance the awareness, expand the education, and build the capacity of justice and public safety agencies to prevent,

investigate, prosecute, and respond to cyber threats and cybercrimes. During this interactive presentation, participants will be asked to navigate the LECC website as the panelists explain the many valuable resources that can be utilized. The LECC is a collaborative project between the IACP, NW3C, and PERF and is funded through the Bureau of Justice Assistance.

Leveraging Technology to Augment Staffing

- Roxana Kennedy - Chief, Chula Vista Police Department (CA)
- Don Redmond - Captain, Chula Vista Police Department (CA)
- Dale Stockton - Managing Partner, Public Safety Insight

Many agencies have been challenged with staffing or budgeting challenges. The Chula Vista (CA) Police Department found itself facing both, resulting in a staffing level of less than one officer per thousand. The agency needed a force multiplier and began by issuing smartphones. CVPD then added layers of complementary technology, ultimately resulting in improved response times and increased situational awareness for officers. Command officers from CVPD will provide insight to their nationally recognized Drone-as-a-First Responder program, Live 911, and pilot efforts to use the smartphone as an in-car computer as well as Greenwave technology which improves response by managing traffic signals without installing equipment in patrol cars.

The Future of Push-to-Talk

- Harry Markley - Retired Assistant Chief, Phoenix PD - Senior Law Enforcement Advisor, FirstNet Authority
- Mike Wischmann - Sergeant - Sergeant, Arizona Department of Public Safety
- Rich Johnson - FirstNet AT&T
- Douglas Carter - Superintendent - Superintendent, Indiana State Police

Hands-on session to share use of Push-to-Talk. PTT provides seamless communications within and between agencies and disciplines. LMR to LTE integration allows savings by prioritizing radios for critical responders, allowing others to use smartphones. Talk groups allow for quick connection across all command streams to coordinate crisis response. PTT Enhances officer safety in remote locations where interagency support is key and back-up may be 30 miles away. See how large event security is improving coordination with local police using PTT and how this can work with private security partners.

Session Time: 3:00 PM - 3:45 PM ET -

Officer Wellness in the 21st Century: Tools, Strategies, and Innovative Solutions

- David Black - Chief Psychologist California Police Chiefs Assoc. Wellness Committee / Ph.D. Clinical Psychology / Licensed Psychologist (CA) - CEO and Chief Psychologist, CORDICO

- John Carli - Chief of Police, Vacaville Police Department

Learn how law enforcement agencies of all sizes are utilizing innovative technology to place high-quality officer wellness tools directly into the hands of officers, including tools for alcohol abuse, anger management, compassion fatigue, depression, family support, financial fitness, mindfulness, peer support, PTSD, resilience development, sleep optimization, suicide prevention, trauma, work-life balance and much more. Learn how to leverage technology to strengthen existing officer wellness programs, and how to build new officer wellness programs from the ground up.

Rapid Deployment of NIBRS Implementation: More Critical than Ever
- Robert May, II - Program Director, IJIS Institute
- Alyson Lunetta MS, CCIA - Manager, Investigative Services Program, California Department of Justice
- Erica Smith Ph.D. - Unit Chief, Law Enforcement Incident-Based Statistics, Bureau of Justice Statistics
- Maria Cardiellos - Executive Director, IJIS Institute
- Melissa Winesburg - Director of Programs, IJIS Institute

California's success in using the Rapid Deployment Method (RDM) to transition law enforcement agencies to NIBRS reporting by working directly with the RMS providers will be profiled in this workshop. RDM maximizes process efficiencies to reduce the time and cost of transition critical to address limited funding and the time pressures due to the end of Summary Reporting. Law enforcement practitioners and CA DOJ will identify their successes and lessons learned using RDM. Representatives from BJS and the IJIS Institute will explain how attendees can leverage other RDM efficiencies to expedite their transition to NIBRS.

Building Secure and Reliable Mission Critical Systems in the Cloud
- Ryan Reynolds - Public Safety Leader for Amazon Web Services
- Doug Gartner - Amazon Web Services Senior Solutions Architect

In this session, the speakers will cover examples of how law enforcement is changing in adoption of mission-critical systems. Use cases that warrant not only the best security postures, but high-levels of availability and reliability will be covered. Speakers will dive into how AWS infrastructure and services are architected to achieve the necessary levels of security and reliability. Some of the concepts covered will include: how agencies are improving their security posture in the cloud, an introduction to the Nitro platform on AWS, infrastructure reliability and availability, and an example application architecture that's built for mission-critical needs.

Search-based Investigative Platform: Discover Siren and Elasticsearch for Law Enforcement
- Gerry Baron

- Jim Greenwood, CISM - Solution Architect, Siren
- John Randles
- Phil Glod - Solutions Architect, Siren Data Intelligence

Description Forthcoming

Session Time: 4:00 PM - 5:00 PM ET

Closing Session

On-Demand Tech Talks

Using Operational Data to Support Officer Wellness
- Garth Strandberg - Business Intelligence and Analytics Lead, Quartech Justice Solutions
- Kevin Jablonski PhD, MPH - Commanding Officer Behavioral Science Services (Retired), Los Angeles Police Department

This presentation focuses on using data to identify and address officer wellness issues within police departments. Dr. Jablonski will present on his experience and past studies related to using LAPD's 15+ years of incident data to improve Officer Wellness and discuss COVID impacts on wellness at LAPD. Garth Strandberg will describe how artificial intelligence can be applied to operational data to achieve Officer Wellness goals. Mr. Strandberg will discuss the practicality of using machine learning to better identify and implement wellness measures through an "AI-assist" approach.

New Technology Streams 911 Calls Directly to First Responders
- Fritz Reber
- Jim Munro

New technology that securely livestreams 911 emergency calls directly to officers in the field is making an impact on the public safety of communities across the country. With Live911 software, patrol officers can monitor incoming 911 calls in real-time for their immediate area. The software allows first responders to hear the caller's urgency and small details that may not be entered into the CAD system as well as identify on a map the caller's precise location prior the call for service being dispatched. The current national conversation is focusing on how officers can make better decisions and improve de-escalation skills. Live911 is law enforcement's potential game-changer for responding to 911 calls. Join retired Captain Fritz Reber and Lieutenant Jim Munro to discuss: - How the technology was imagined, created, and tested - Current deployments and how it is benefiting police departments - Real-world

examples of reduced response times and increased situational awareness - Lives saved with Live911.

Using Technology for Community Engagement, Citizen Feedback and Improved Officer Morale
- Scott MacDonald

Description Forthcoming

User Perspectives: How To Deploy Successful LPR Programs
- Jason Laquatra
- Tully Yount
- John Cueto
- Mike McDaniel

Description Forthcoming

Axon VR Training - What's New, What's Next
- Marin Lersch
- Robert Murphy
- Antonie Lane

Description Forthcoming

How Law Enforcement Uses Remote Surveillance and Security by LiveView Technologies
- Steve Lindsey
- Brandon Woolf

Description Forthcoming

How Connectivity and Mobile Wireless Technology will Transform Public Safety – A Checklist to Ensure Your Agency is 5G-Ready
- Alan Yuan - Executive Business Development Manager, Panasonic

Description Forthcoming

Ensuring Safety, Justice, and Trust with the Motorola Solutions Body Worn Camera

Description Forthcoming

eCitation Tips to Decrease Ticketing Time and Help Increase Revenue

Description Forthcoming

Reclaiming Public Trust
- Ron Huberman
- Maggie Goodrich

Description Forthcoming

Rethinking the UAV: A More Rugged, Reliable, and Versatile Solution for Public Safety

Description Forthcoming

Telling Your Story with Video 5 Steps for Success
- Nate Kyes
- Roman Colburn

Description Forthcoming