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22



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0

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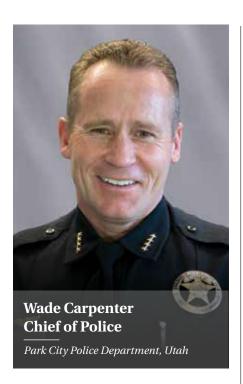


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AI's Transformative Impact



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AI has the potential to empower our agencies to better serve and protect our communities.

"

ARTIFICIAL INTELLIGENCE (AI) HAS BECOME INCREASINGLY PREVALENT IN POLICING, IMPACTING THE WAY WE APPROACH CRIME PREVENTION, INVESTIGATIONS, AND COMMUNITY SAFETY. AI TECHNOLOGY AND ITS APPLICATIONS HAVE THE POTENTIAL TO SUBSTANTIALLY IMPACT OUR DEPARTMENTS, OUR OFFICERS, AND OUR COMMUNITIES.

But, similar to the adoption of any new technology, it will require careful implementation and thoughtful decision-making from police leadership.

One of the most significant ways AI is impacting policing is through the use of predictive analytics. Using advanced algorithms and machine learning, AI can analyze vast amounts of data to identify patterns and trends to predict where crimes are likely to occur. This predictive policing approach enables law enforcement agencies to allocate resources more effectively, deploy officers to high-risk areas, and potentially prevent crimes before they happen. By leveraging AI-powered predictive analytics, police departments can proactively address crime hot spots, reduce response times, and improve overall public safety.

Moreover, AI-powered technologies such as facial recognition software have revolutionized the way agencies investigate and solve crimes. Facial recognition technology enables police officers to identify individuals quickly and accurately by comparing their facial features with a database of known faces. This technology has played a role in solving cold cases, locating missing persons, and apprehending suspects in a timely manner.

In addition, AI is playing a crucial role in improving the efficiency of evidence analysis and crime scene investigation. Advanced forensic technologies powered by AI are able to process

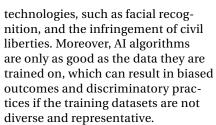


and analyze large volumes of digital evidence, such as surveillance footage, DNA samples, and mobile phone data, in a fraction of the time it would take human analysts to do so. This not only speeds up the investigative process but also ensures a higher level of accuracy and reliability in identifying and linking evidence to suspects.

AI is also revolutionizing the field of crime analysis and intelligence gathering. Advanced AI algorithms can sift through vast amounts of data from various sources, including social media, public records, and law enforcement databases, to uncover valuable insights and patterns that may have otherwise gone unnoticed. By harnessing the power of AI for crime analysis, police departments can better understand criminal behavior, predict future crime trends, and allocate resources strategically to combat emerging threats.

Despite the many benefits that AI brings to policing, its widespread adoption has raised concerns about privacy, bias, and ethics. Concerns have been raised about the potential misuse of AI-powered surveillance





As police leaders, it is our responsibility to address these concerns and ensure that AI technologies are deployed responsibly, ethically, and in a manner that upholds the principles of transparency, fairness, and accountability. It is also imperative that we ensure that we are not relying on technology alone. A key requirement of police use of technology is ensuring that all machine outputs are reviewed, questioned, and verified by qualified human oversight.

Combining machine computing with human police investigative techniques serves to increase the probability that police will correctly identify the perpetrator of a crime. Automation with human collaboration can lead to improved accuracy and reduced bias—and using a careful balance

of output and outcome evaluation, can help increase the public's trust in police use of technology.

It is essential that, as our profession moves forward with AI, we do so with clear internal policies, strong leadership oversight, and disciplined methodologies. It is crucial to remember that the output or outcome of any data set or algorithm can be only as good and reliable as the data inputs.

It is clear that AI has the potential to impact the future of policing in profound ways, from predictive analytics and facial recognition to evidence analysis and officer training. AI has the potential to enhance our capabilities, improve our efficiency, and empower our agencies to better serve and protect our communities. By embracing AI technologies and leveraging their potential in a responsible, ethical, and well-thought-out manner, police departments have the opportunity to continue to advance their mission of ensuring public safety, combating crime, and protecting the public. り



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IMPROVED DECISION SUPPORT BY LEVERAGING 3D TACTICAL DATA

Enhanced situational understanding—through 3D tactical data acquisition—offers a safer, faster approach to decision-making for a variety of law enforcement operations.

A better application of a proven technology

Law enforcement agencies have used light detection and ranging (lidar) systems for decades, capturing 3D data at crime scenes, traffic accidents and other incidents requiring documentation. Historically these scene captures have been completed using static sensors that are typically mounted on a tripod. While this method has proven to be reliable, static sensors can take up a significant amount of time to setup and move around the scene. Incorporating mobile scanning systems into their workflow, agencies can capture the same, if not better data, quicker and safer providing decision support before, during and after incidents.

Fast access to actionable intelligence

Law enforcement and other public safety organizations now have access to mobile 3D scanners that do not require a lot of effort or expertise to setup, reducing investigation time and increasing the safety of the organization and the public. A 2019 study at

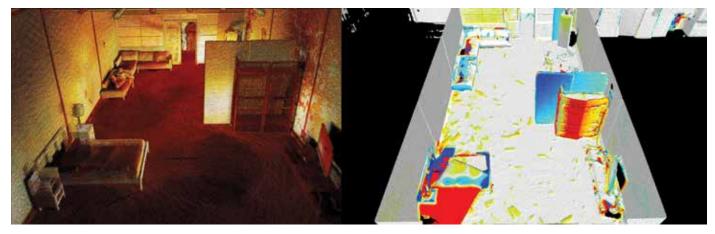


3D colourized scan which can be analyzed and zoomed in including tree/canopy removal for visual confirmation of items of interest below.

the Wisconsin Institute of Discovery analyzed different crime scene and traffic accident documentation methods including traditional sketching/photography, static 3D scanning and mobile 3D scanning. The study highlighted three main benefits of 3D scanning versus traditional methods; avoided time costs, reduced traffic delays and access to additional information. The study also demonstrated the differences between static and mobile scanning methods. During the car crash scenario, the traditional method took 159 minutes to record, the static 3D scanning required 70 minutes whereas the mobile scanner only took 43 minutes to digitally capture the scene. Minutes can add up to hours, taking up valuable time for the investigating department as well as the public. Road closures due to fatal traffic accidents can be minimized with the use of mobile 3D scanners. Officers can easily and safely walk the scene capturing high quality evidence and measurements in minutes without any tripod setup and repositioning. This capability increases officer safety by limiting the amount of time they are exposed to traffic and opens roads quicker for the public. Reducing time while increasing the amount of accurate evidence available is a win-win for any agency. Alternatively, some users are leveraging mobile scanning systems to compliment static scanners to build a more complete picture of the surrounding environment to provide more of a relevant narrative around the lead up to the incident.

LiDAR scanning is now easy to operate

Mobile scanning systems are also becoming easier to use, taking hours not days to learn how to operate the scanners; especially if the operator is already familiar with lidar, point cloud files (3D datasets) and the workflow. Mobile scanning systems also provide a high level of accuracy and detail without the need to be stationary or repositioned throughout the scene. Just like in static scanning mobile scanning is contactless, meaning measurements are taken without the need to physically touch or manipulate evidence. Mobile scanners work in the dark and do not require ambient light to capture points. Some mobile scanners can operate without the use of GPS. Using a mobile scanner, law enforcement can rapidly record a scene, capturing evidence in its exact location prior to further investigation, reducing errors of measurement through traditional methods and preserving the integrity of evidence of the investigation.





Above: With a pre and post event scan, users are able to determine relative change in environment down to 5mm (0.2").

Left: Scan of a school generated in minutes and useful for future reference for tactical operations which could include useful annotations such as door and frame composition, ingress/egress points, medical kits etc.

Enhanced field safety through clearer data

Beyond use as post-incident collection, another advantage of mobile scanners is they can assist gathering data during incidents providing real-time or near real-time information. Incidents dealing with explosives, hazardous material or other dynamic scenarios can be guickly scanned with the mobile system and provide decision makers at all levels a deeper insight into what is happening from a spatial perspective. Remote deployment via drone or unmanned ground systems also provides a level of safety by not having to unnecessarily expose personnel to hazardous situations. Mobile scanners vary in their range with some units being able to scan out to 300m, providing safety standoff if the situation requires it. For example, a responding unit could use a mobile scanner to capture a scene with a suspicious object providing decision makers with accurate measurements from a distance. This data can also be shared with other responding agencies, providing situational awareness as they travel to the scene. Mobile scanners can be deployed by the initial entry team, or some 3D scanners can be deployed via drone, ground systems, or mounted on a pole. Having access to different methods of deployment gives on-scene commanders flexibility in how best to gather the data.

Building accurate baseline information

Mobile scanners can also be used to capture data before a situation happens. Critical locations such as schools, churches, government buildings can easily be scanned with mobile scanners. This data can then be processed and housed in software platforms utilized by local authorities. If an incident were to happen,

responding agencies now have access to 3D data of the location. Several software platforms not only house 3D data but also merge photos and other critical information of the location. One example is GeoComm School Safety. This online platform provides real-time indoor visualization for responding agencies. Another advantage of having 3D data prior to an incident is the ability to scan again during or after the incident and conduct a change detection analysis. This capability gives on-scene commanders or investigators a detailed assessment of what was and what has changed since the first scan.

More effective decision support

Whether they are used before, during or after a situation, mobile scanners can be an effective tool for law enforcement and public safety organizations to incorporate into their decision-making process.

REFERENCE

 Tredinnick, R., Smith, S., & Ponto, K. (2019, September 18). A cost-benefit analysis of 3D scanning technology for crime scene investigation. Forensic Science International: Reports. https://www.sciencedirect.com/science/article/pii/S2665910719300258





Register for the IACP 2024 Technology Conference

The 2024 IACP Technology Conference will be held at the Charlotte Convention Center on May 21–23, in Charlotte, North Carolina. The IACP Technology Conference has provided training, professional development, and a national forum for law enforcement executives, operational managers, and technology and research staff to share best practices and lessons learned on a broad array of new and emerging technologies.

Visit **theIACP.org/tech-conference** for more information and to register.



Every week, a new bonus article is published at Police Chief Online to give our readers additional content throughout the month. These online-only articles present the relevant, applicable, and high-quality content you expect from *Police Chief*.

FEBRUARY 2024 ARTICLES

Navigating Confabulation By Janina Cich

Becoming a Learning Organization for Recruitment By Dr. Jeremy M. Wilson, Dr. Clifford A. Grammich & Senior Recruiter/Officer Terry Cherry

When, What, and Why By Chief Vera Bumpers

Read these and other articles at **policechiefmagazine.org**.

Police Chief Photo Contest



Police Chief is pleased to announce the 2024 photo contest is open

for submissions! We are seeking photographs from police agencies in the following categories:

- Technology and Innovations in Policing
- Officer Safety and Wellness
- Recruitment, Retention, and Leadership
- General/Other

The winning photos will be featured in *Police Chief*, and all submitted photos have the possibility of appearing in future editions of the magazine. Photos must be submitted by **May 1, 2024**.

Submit your photos at policechiefmagazine.org /photo-contest.

IACPlearn Education Opportunities



 Understanding and Responding to Family-Facilitated Human Trafficking (Webinar)

Family-facilitated human trafficking or familial trafficking is often inadvertently overlooked. This webinar discusses why this type of trafficking is difficult to identify; how familial trafficking differs from other types of human trafficking; opportunities for identification and response; and ways to increase collaboration between systems such as child welfare, education, and health care. Free for members and nonmembers

 Prosecution Foundations: Capturing the Totality of the Trafficker's Criminality (Webinar)

Jane Anderson, senior attorney advisor with AEquitas, facilitated a conversation with David Weiss, the chief of the Human Trafficking Unit at Kings County (Brooklyn, New York) District Attorney's Office. Anderson and Weiss discussed how broadening human trafficking investigations can enhance prosecutions, decrease reliance on

victim participation, and ensure support to victims is trauma informed. *Free for members and nonmembers*

 Prosecution Foundations: Educating the Judge and Jury about the Realities of Human Trafficking (Webinar)

Jane Anderson, senior attorney advisor with AEquitas, facilitated a conversation with Miiko Anderson, AEquitas' newest attorney advisor and a former Fresno County, California, prosecutor with extensive experience prosecuting human trafficking cases. Jane and Miiko discussed various strategies that can enhance prosecutions where judges may not have experience with cases involving sex or labor trafficking and where jurors may have misconceptions or misunderstandings about the reality of what human trafficking looks like in their community. Free for members and nonmembers

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"In order to maintain trust with our community, we must stay on top of our personnel's online behavior. In addition, Ferretly gives us the ability to easily monitor social media posts for a person under criminal investigation."

Sheriff Joseph Gamble

Q: Where were you most surprised to find artificial intelligence (AI) being used/embedded in current technologies?



A: AI is neither good nor bad, but like all other technologies, it will be defined by how it is used. For police leaders contemplating AI, the decision whether to utilize AI or to avoid it is no longer binary. Whether recommending patrol deployments, assisting communications in the community, or helping officers write reports in the field, AI is all around us.

However, I was most surprised to learn that AI is now helping its human counterparts to be more human and, with that, more humane. Some agencies are utilizing AI to scan police body camera footage for keywords and phrases. Machine learning is helping to predict what successful interactions look like based on conversations between the community and police. Police leaders encouraging least-harm outcomes now have AI-based technology that provides quantifiable data showing exactly how the police are making positive impacts in the communities they serve, all with the help of AI.

Rick Scott, Chief of Police City of San Luis Obispo, California



A: I continue to be amazed at the use and development of AI. Even in some of the more common areas such as speech recognition or virtual assistance, there have been rapid advancements. Remember when the home button on our cellphones was replaced by facial identification, and this seemed like a giant breakthrough? The rapid development of facial recognition software for policing is noteworthy. I am astonished with the rapid development of generative AI systems, which develop images and even complete documents. As AI impacts diverse sectors of our lives such as health care, policing, national security, and the financial sector, I agree with those who have voiced concerns for the need to proceed with ethics and continued funding for research.

John H. Grassel, Senior Manager – Forensic Sciences Program RTI International Chair, IACP Forensics Committee



A: The way we use research will accelerate with AI. In the health sector, research is now being ingested and analyzed beyond the capability of a person or team. That's a quantum leap, which is leading to new discoveries and technologies. In policing, those same opportunities exist, but we're only beginning to explore what that means for us. For example, evidence-based policing research is disparate around the globe. To be able to integrate all of that and interrogate it in different ways will create opportunities to understand what works best and why. The next decade will reveal the most exciting technological advancements we've seen in our lifetime. For policing, AI will create opportunities to consolidate and discover best practices that will elevate our profession.

Shawna Coxon, Deputy Commissioner – Strategy, Governance & Performance An Garda Síochána Headquarters, Ireland



A: I am constantly surprised to find AI growing in every aspect of the police services. From virtual training to crime fighting, a component of AI will continue to be added in the coming months. AI is making all aspects of our administrative and operational tasks easier to achieve with a simplicity of understanding for the average "beat cop" to follow. The most intriguing point to me is the learning capability of AI and how it is quick to adapt to changes. Predictive policing with the use of AI tools will allow us to put the right resources in the right place at the right time for the right offenders and, in turn, be a gamechanger for helping us be more proactive and less reactive.

Michael J. Persley, Chief of Police Albany Police Department, Georgia



Visualize a safer future with data sophistication

Law enforcement agencies and state traffic safety leaders share one mission — to save lives and achieve key public safety goals, like Vision Zero. Siloed, fragmented crash and citation data collection, warehousing and sharing can undermine these efforts.

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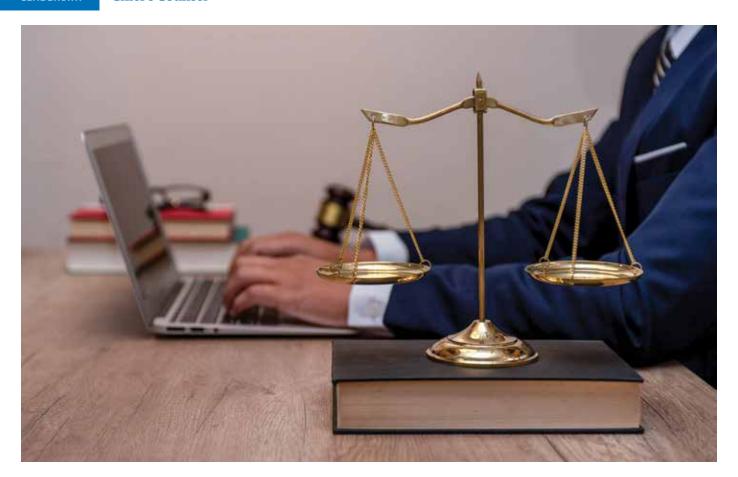






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Don't Get Your Legal Advice From Robots

BY

Jerome R. Spencer, General Counsel, Charles County Sheriff's Office, Maryland

ISAAC ASIMOV'S THREE LAWS OF ROBOTICS SHOULD BE BUILT INTO ALL ARTIFICIAL INTELLIGENCE (AI) PROGRAMMING.

The Three Laws provide that a robot may not harm a human being, must obey a human being, and must act to preserve itself. There should also be a Fourth Law: "A robot must not give legal advice nor serve as an attorney."

Just as students have been tempted by the allure of such artificial intelligence programs as ChatGPT, so, too, have lawyers succumbed to the temptation and asked AI to write legal briefs.² The AI-delivered product contained what the attorneys believed to be thoughtful reasoning, including citations to case law. Unfortunately for the attorneys, judges' law clerks did exactly what clerks are supposed to do and looked up the citations, only to discover many of them simply did not exist.

Those caught using AI in court filings have included an attorney who filed a motion for a client's early

termination of supervised release, an attorney arguing over the application of the Montreal Convention to his client's tort claim, and a pro se litigant suing her former employer for civil rights and Americans with Disabilities Act violations.³ At least one federal judge has begun requiring attorneys to certify "that no portion of any filing in this case will be drafted by generative artificial intelligence or that any language drafted by generative artificial intelligence... will be checked for accuracy... by a human being before it is submitted to the Court." The United States Court of Appeals for the Fifth Circuit is in the process of amending its rules of procedure to include a similar certification.⁵

There is no doubt that using a generative artificial intelligence program is both quick and easy. This author asked ChatGPT to create a memorandum analyzing the lawfulness of police stopping two individuals seen near a stolen motor vehicle. In about a second—less time than it takes to look up the cite for *Terry v. Ohio*—a two-page letter appeared. *Terry* was correctly cited and summarized,

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Both human and robot 'lawyers' will make mistakes. But, 'for ChatGPT, the law is just a novelty. For lawyers, the law is a vocation, a profession, something they took an oath to do well.'

"

as was another, albeit irrelevant, case. No case law was made up, but "facts" were, such as the suspects fleeing and the location being an "area known for recent auto thefts."

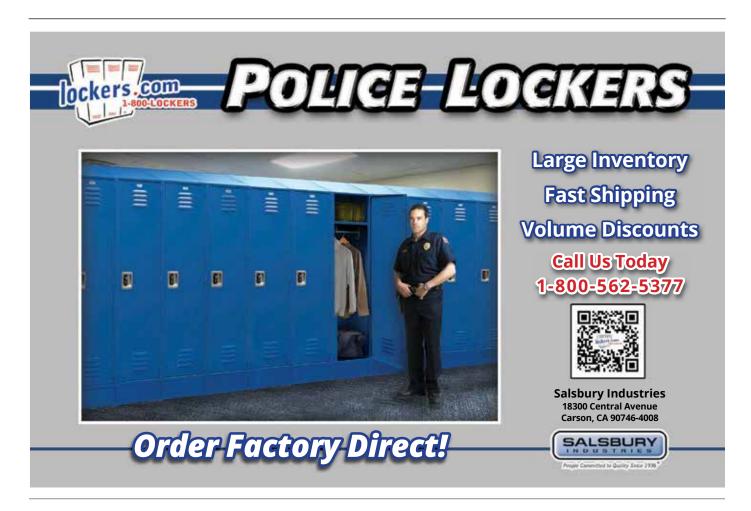
In another request, ChatGPT was asked to create a legal memorandum denying that using handcuffs by a Maryland police officer turned a stop into an arrest. This time, the AI produced only one citation, *Terry*, and failed to cite the lead Maryland case on the issue, *Longshore v. State*, and adopted the position that use of handcuffs is the rule, not the exception, in a *Terry* stop.⁷

The software was able to give a concise explanation about when a police officer has to give *Miranda* warnings, but it did not pick up on the need for an unequivocal invocation of the right to an attorney when presented with an ambiguous request.⁸

ChatGPT refused to commit to *any* case law when tasked with disciplining a police officer for inappropriate social media postings. In a letter to the hypothetical officer's attorney, the AI simply warned,

Moreover, may be guided by relevant legal precedents and regulations that empower law enforcement agencies to maintain discipline within their ranks. These may include state and federal laws that grant police chiefs the authority to enforce policies that safeguard the reputation and effectiveness of the police department.

An explicit request to apply the First Amendment provided a relatively accurate overview of the law, but ended with, "Legal advice from a qualified attorney



familiar with the relevant jurisdiction and case law is crucial in assessing the specific details of a case."

That warning says it all. Even the robots recognize that robots should not be giving legal advice. Many large police agencies have the luxury of having either in-house counsel or city or county attorneys who are assigned to provide full-time advice. However, most police agencies do not have that luxury, and those that do may occasionally wonder if these high-budget positions are still worthwhile in a world of AI software like ChatGPT. They are.

If nothing else, consider this: Both human and robot "lawyers" will make mistakes. But, "for ChatGPT, the law is just a novelty. For lawyers, the law is a vocation, a profession, something they took an oath to do well. Lawyers understand the stakes for clients and their own reputations if they fail."

Just like Asimov's robots, human lawyers have their own laws of conduct they must follow, including the laws of confidentiality, privilege, and loyalty to the client. None of those laws apply to AI. Do not "upgrade" your attorney position by replacing the lawyer with AI. O

NOTES:

- $^1\mbox{The Three}$ Laws of Robotics are recited in many science fiction stories and novels penned by Isaac Asimov:
 - A robot may not injure a human being or, through inaction, allow a human being to come to harm.
 - A robot must obey the orders given to it by human beings, except where such orders would conflict with the First Law.
 - 3. A robot must protect its own existence so long as such protection does not conflict with the First or Second Laws.

See, e.g., Isaac Asimov, "Runaround," in *I, Robot* (New York, NY: Bantam Books, 2004): 44–45. *I, Robot* was originally published in 1950.

- ² Molly Roberts, "For Professors, an Al Identity Crisis," *Washington Post*, December, 15, 2023, A17; Molly Roberts, "Al Is Forcing Teachers to Confront an Existential Question," *Washington Post*, December 12, 2023.
- ³ United States v. Cohen, No. 18-CR-602 (JMF) (S.D. NY, 2023); Mata v. Avianca, Inc.,__F.Supp.3d___, No. 22-cv-1461 (S.D. NY, 2023); Morgan v. Cmty. Against Violence, No. 23-cv-353-WPJ/JMR (D. N.M. 2023). Professor Eugene Volokh regularly tracks cases like these on his *Volokh Conspiracy* blog posted at Reason.com. ⁴ Quoted in Ex Parte Allen Michael Lee, No. 10-22-00281-CR (Tex. App. Jul. 19, 2023).
- ⁵ Notice of Proposed Amendment to 5th Cir. R. 32.3.
- ⁶ Terry v. Ohio, 392 U.S. 1 (1968).
- ⁷ Longshore v. State, 399 Md. 486 (2007).
- ⁸ Miranda v. Arizona, 384 U.S. 436 (1966).
- ⁹ Aimee Furness and Sam Mallick, "Evaluating the Legal Ethics of a ChatGPT-Authored Motion," Law360, January 23, 2023





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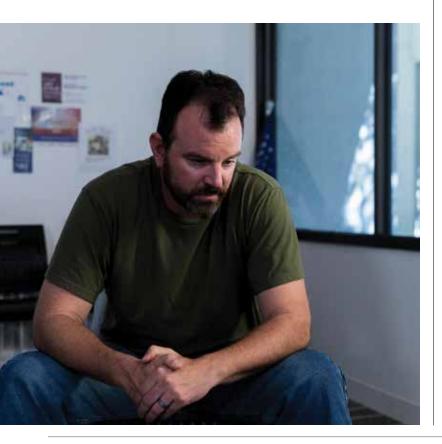
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Triumph Over Trauma

Addressing Mental Health Risks for ICAC Investigators

POLICE PROFESSIONALS ARE DIRECTLY EXPOSED TO SOME OF THE MOST DEVASTATING, LIFE-THREATENING, STRESSFUL, EMOTIONALLY DRAINING, AND TRAUMATIZING SITUATIONS.

Many contributing factors such as shame; constant direct exposure; poor access to culturally competent mental health resources; and fear of stigma related to depression, post-traumatic stress disorder (PTSD), and anxiety—on top of the changing perception of police and community expectations—have led to a snowballing mental health crisis in police officers. Under normal circumstances, police are already disproportionately impacted by the types and sheer number of traumatic situations they encounter on the job. As officers are assigned to specialty units, the stressors only compound.



STRESS FROM INTERNET-BASED CRIMES

One specialty area of policing is the Internet Crimes Against Children Task Force Program (ICAC), which involves investigation into the many the forms of child abuse that are shared online such as child sexual abuse material, commercial exploitation of a child, and child torture. The behavioral health impact of this work is magnified due to the unique stressors involved in investigating these horrific cases, including viewing photos and videos of graphic sexual violence against children.

To combat this, the Washington State ICAC Task Force (WA ICAC TF); Obsidian Forensics; and the Seattle, Washington, Police Department (SPD) have developed and implemented the Triumph Program (Triumph). Triumph is an innovative and unique wellness program designed by Dr. Stacy Cecchet, a forensic and operational psychologist, and Kelly Crouch, the SPD strategic advisor to the WA ICAC TF. The purpose of Triumph is to address investigator burnout and mitigate risk of vicarious trauma, compassion fatigue, negative behavioral health impacts associated with ICAC (e.g., PTSD, depression, anxiety), and risk of suicide with proactive and culturally competent early intervention and prevention strategies.

One area that Triumph focuses on is developing strategies to mitigate and reduce the risk of vicarious trauma or PTSD as a result of viewing child sexual abuse material (CSAM) in the course of their investigations. There has been an exponential increase in National CyberTipline reports (i.e., reports of distribution of CSAM) from 21,751,085 CyberTips in 2020 to 32,059,029 CyberTips in 2022. This marks the highest number of CyberTips ever received in one year. More than 88.3 million images and videos of child sexual exploitation were included in the 2022 CyberTips, of which 18.8 million (38 percent) images were first generation content (i.e., newly produced CSAM) and 8.3 million (22 percent) were first generation videos. Prolonged and repeated exposure to such graphic and violent content, the preservation of evidence process, and working directly with victims can have significant negative behavioral health impacts on those in the ICAC field.

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INTERVENTION

Triumph utilizes a significant number of evidencebased interventions to promote resilience and reduce risk of vicarious trauma in ICAC, some of which are based on cutting-edge research. For example, new research indicates that playing a video game that is visually engaging and promotes creativity can disrupt the neurological pathways associated with PTSD, depression, and anxiety if played within several hours of exposure to a traumatic event. This research is based on the recognition that visually engaging games require the use of the brain's neurological pathways that are used to form visual memories, and as humans can't use the exact same part of the brain for two different tasks, this interrupts the process of PTSD development. While it may seem counterintuitive to provide access to video games (Mario series, not Grand Theft Auto or Call of Duty) at work, this is an evidenced-based intervention for those exposed to horrifying visual images of child sexual abuse and torture or for those who have responded to a disturbing call to take a quick break and reset their brain. The answer to the question from command staff regarding the concerns of investigators "abusing" this intervention and playing games all day: the research has demonstrated the benefits of this break, and since implementing this intervention in numerous agencies within Washington (WA ICAC TF affiliates), there has not been a single documented issue identified by supervisors. In fact, it's been quite the opposite; supervisors and chain of command have reached out to ask how to promote this intervention and encourage more investigators and forensic examiners to utilize the resource.

Other interventions promoted include having super sour candy, chewy candy, and hot sauce on hand. Extremely sour candy shocks the system and directs all attention to the sour taste, thereby reducing attention to anxious or stressful thoughts. Research shows that chewing a tough, chewy candy can reduce stress by activating the autonomic nervous system and decreasing stress by mimicking the jaw clench that naturally occurs when angry and can help reduce strong negative emotions such as anger, irritability, and annoyance. On the other end of the spectrum, ingesting capsaicin (hot sauce) assists to decrease feelings of distress by increasing the number of endorphins being produced, blocking pain signals, and creating a calming sensation.

While research is constantly being conducted and new interventions being tested, one proven and enduring intervention is to hack the mammalian dive reflex. This reflex—first recognized in penguins Prolonged and repeated exposure to such graphic and violent content... can have significant negative behavioral health impacts on those in the ICAC field.

"

and seals when they dive deeply in very cold water, enabling them to slow their heart rate, decreasing the need for oxygen, and allowing them to stay underwater for much greater periods of time—can be replicated in people. The human primitive dive reflex can be replicated when the face is fully submerged in very cold water, causing the body to immediately activate the part of the central nervous system that slows autonomic processes (e.g., oxygen absorption, breathing, heart rate). This has led to research demonstrating that submerging one's face in a bowl of ice water activates this reflex, which decreases heart rate, slows breathing, and decreases both physical and cognitive symptoms of anxiety and panic. This forced activation of the mammalian dive reflex provides the ability to refocus and decreases feelings of being intensely overwhelmed—an extremely helpful tool when faced with the horrific stories, photos, or videos of children being sexually tortured in ICAC cases and other horrific scenes police officers and other first responders see in the course of their daily jobs.

CONCLUSION

The WA ICAC TF hopes that with consistent utilization of Triumph throughout the state, task force members will see a significant reduction in the negative behavioral health impacts of this work and greater resiliency. This program and associated trainings are provided throughout Washington State and can be shared with other task forces as well. WA ICAC TF recognizes that by promoting mental health, training, and talking about the horrors of ICAC cases and the reality of being inundated with children being sexually abused and extorted will help all investigators, forensic examiners, and prosecutors minimize their risks of personal trauma and mitigate the stigma of mental health interventions being only for those who are "weak" and can't handle their job. The SPD, the WA ICAC TF, and Obsidian Forensics look forward to moving into a new era where behavioral health intervention and support are openly discussed and promoted throughout all police agencies. O

Why Agencies Need Traffic Safety Units

SUPERVISORS IN TRAFFIC ENFORCEMENT UNITS STRIVE TO HAVE THE FINEST OFFICERS; THE BEST, CUTTING-EDGE EQUIPMENT; UP-TO-DATE TRAINING COURSES OR CONFERENCES; AND NOVEL METHODS OF TRAFFIC ENFORCEMENT.

Unfortunately for traffic units, they are sometimes perceived as the expendable units of the agency. When budget cuts are on the horizon, police administrators are likely to cut traffic units first, citing the fact that any police officer can conduct traffic stops, issue warning or citations, or apprehend impaired drivers. While that may seem like a fair argument to administrators for disbanding any traffic unit from a cost perspective, those administrators have failed to consider the human cost shown within the serious injury or fatal traffic statistics in their jurisdiction. More specifically, these administrators have failed to recognize the significant consequences that can result when specially trained traffic units are not out there to utilize their specialized training and experience in enforcing traffic laws.

The National Highway Safety Traffic Administration (NHTSA) publishes U.S. traffic statistics each year. However, do command staff properly review and consider those statistics, and do they think about the unintentional effects eliminating specially trained traffic units can have on such statistics? Traffic supervisors need to stress the importance and the need for these units. The goal of traffic supervisors is to prevent the tragic outcomes faced by countless victims who could be avoided by the use of specially trained traffic units. Traffic supervisors who know that it is not just about the victims who are impacted by crashes caused by drivers under the influence (DUI) or alcohol or other substances, it is also about the dedicated traffic officers who see the devastation of these crashes firsthand. Such an impact

on the traffic officers creates a passion in them, a passion that can help the agency and community prevent others from experiencing the same devastation.

THE DISBANDING OF TRAFFIC UNITS

In recent years, many agencies have disbanded traffic enforcement/DUI. street crimes units, and other specialized units to expand community policing units. Community policing units are very beneficial to any department, but traffic enforcement officers can also play a role in community policing without having to be disbanded or dissolved. The movement to defund the police sparked budget cuts at many agencies, resulting in the disbanding of numerous specialty units, including traffic enforcement units. For example, in late 2020, the Seattle, Washington, Police Department disbanded its DUI Unit, which had existed for over 50 years. In 2008, during the economic housing crisis, the Pinellas County, Florida, Sheriff's Office (PCSO) experienced similar issues. The sheriff fought to keep his DUI Unit, recognizing its importance to the agency and community, but it eventually had to fall amid the continued calls for budget cuts by the county commission. When the DUI Unit was operational, PCSO averaged more than 1,300 DUI arrests each year. However, once the unit was disbanded, the arrest figures were cut in half. While some may argue this reduction was simply due to less impaired drivers on the road, such an argument can be refuted by a careful analysis of the NHTSA statistics. In fact, during the years following the disbanding of its DUI

Unit, Pinellas County saw an increase in serious and fatal traffic crashes.

It is very difficult to reestablish a disbanded traffic unit. Command staff will typically focus on reestablishing the other specialty units first. In 2013, after five years, PCSO was able to reinstate its DUI unit. Unfortunately, many agencies have not been as fortunate. Such agencies will continue to face challenges protecting the communities they serve, as traffic supervisors are forced to spend valuable time and resources trying to convince command staff to provide staffing independent of a DUI unit to enforce traffic laws. And, in some circumstances, once a DUI unit is disbanded, the funding for any such unit or DUI unit in general is also removed. This can result in added complications in resuming DUI enforcement; command staff will likely need to return to their funding entities to request additional funding. When an agency is considering the disbanding of a traffic enforcement or DUI unit, traffic supervisors should suggest downsizing instead of completely disbanding any traffic unit to avoid such issues. It is always much easier to increase staffing from a reduction than it is to obtain new funding to reestablish an entire unit.

SOLUTIONS FOR PRESERVING TRAFFIC UNITS

One benefit of traffic units is the support such units can receive in the form of grant funding. For example, grant funding from NHTSA and State Highway Safety Offices often allows for overtime expenses, training opportunities, and some equipment purchases. With such funding readily available, traffic unit supervisors need to understand the grant writing process, as well as the need for maintaining partnerships with State Highway Safety Offices and other traffic safety programs. One example of such a crucial partnership is that of the state's law enforcement liaisons (LELs), as much of this funding is often based upon a state highway safety matrix. LELs can assist agencies with the data required,



as well as assisting with potential grant examples and training opportunities. Finally, traffic supervisors should reach out to and maintain good relations with the state's department of transportation (DOT) project managers, as they are usually the primary point of contact during the grant process.

Traffic supervisors need to be diligent at calendaring and preparing any grant or budget funding request—timing is crucial. The best advice for any traffic supervisor is to simply ASK for the funding; in the worst case, the answer is no, but in the best case, it may be yes. It never hurts to ask but be prepared to explain the request. For example, consider the scenario of requesting to attend a nationally recognized traffic or DUI conference that is within the budget but happens to be taking place out of state. Most supervisors hesitate to ask because it will cost the agency money to send its members to out-of-state training. In the instances when command staff might say yes or ask why they should budget for this training, be prepared to explain to them the benefits of this training: the advantages for the members attending these conferences and the benefits to the agency. If the answer is no, prepare for next year's budget and propose the training again and further explain the advantages of sending agency members. If there is extra money in the budget from hosting traffic or DUI courses or having members in those units trained

as instructors, supervisors may be able to justify sending members to these conferences utilizing the extra budgetary funds.

Stakeholder partnerships are key for any police agency, but they are especially important for any new or seasoned traffic unit supervisor. Partnerships with local LELs, traffic safety resource prosecutors (TSRPs), and state DOT project managers are crucial to the success of any traffic unit. Additionally, traffic unit supervisors must learn to work with prosecutors, legislators, statewide impaired driving coalitions, victim services organizations, advocacy organizations such as Mothers Against Drunk Driving (MADD), local criminal justice training centers, and other traffic supervisors. Such relationships can assist any traffic supervisor in creating and maintaining a specialty traffic unit in many ways, such as assisting with grant and training opportunities. These relationships will result in positive changes for the agency, traffic unit, and community.

MANAGING DUI/TRAFFIC ENFORCEMENT UNITS

Supervising any traffic unit is extremely rewarding. These units attract agency "go getters" who possess a true passion for the job, and members applying for these units will typically come with some relevant training or may already be instructors in some aspects of traffic safety. The camaraderie each unit shares makes the experience of supervising these units very enjoyable. However, be careful with members being "number hungry" and

wanting to achieve the most DUI arrests in the region. Stress the importance of quality over quantity. While a member can make over 150 DUI arrests in a year, if those cases are not strong enough for a prosecutor to proceed, what will the benefit be? The agency and the community will benefit far more from a member taking their time with each investigation to ensure the prosecutor has enough to proceed and obtain justice.

Specialized units are sometimes perceived as the expendable units. Therefore, members of traffic units are often the first to be tasked to fill special details that can't be filled by patrol or to supplement vacancies for off-duty details. To avoid being the "go to" unit for these special assignments, stress the need to be operational and suggest units rotate the responsibility when these special details arise.

Supervising these units is a great honor, and it is a privilege to motivate members, shape their careers for the future, and achieve recognition for the hard work the members devote to decreasing traffic crash statistics. These accomplishments will be felt agency wide and with command staff, creating an interest among other agency members and building trust in the community. Such achievements will also be the inspiration for other traffic supervisors in surrounding agencies, around the state, and across the United States. O

The Emergence of Tele-Cops

A New Era in Modern Policing

BY

Christian Cory, Captain, Wichita Police Department, Kansas, and Michael Birzer, PhD, Professor, School of Criminal Justice, Wichita State University

POLICE AGENCIES ARE GRAPPLING WITH A SIGNIFICANT REDUCTION IN PERSONNEL.

Across the United States, there has been nearly a 5 percent decrease in sworn staff over the past three years.1 Since May 2020, the U.S. police workforce has experienced increased resignations and retirements that removed an additional 5.4 percent of the police workforce beyond "normal" turnover.2 Specifically, the Wichita, Kansas, Police Department (WPD) is currently facing a 15 percent vacancy in commissioned positions, equivalent to 108 unfilled roles, as hiring struggles to keep pace with attrition. This staffing challenge has had tangible impacts on community safety, sometimes leaving community members awaiting police response for several hours after calling 911. As a potential mitigation strategy, the WPD and the School of Criminal Justice at Wichita State University sought to evaluate an alternative response to calls for service.

Prior research conducted in the UK found that callers who consented to talk with a police officer by telephone reported higher levels of satisfaction with police compared to callers receiving

an in-person police response, which typically involved several days of wait time.³ Building on this approach, the WPD strategically utilized officers on light-duty (i.e., unable to perform traditional field duties) to staff the Commissioned Call Center (CCC).

Each officer in the CCC logged on as a traditional patrol unit would, maintaining the structure and accountability of standard police operations. Their role, however, was distinctly different from that of their colleagues in the field. Instead of patrolling the streets, these officers were "dispatched" telephonically to calls meeting predetermined criteria as low-risk and low-harm situations—including incidents where a suspect had left the scene and when the caller was uninjured. CCC officers possessed the same training and institutional knowledge as their counterparts in patrol vehicles, but their focus was on assisting community members over the phone.

STRUCTURE OF STUDY

A randomized controlled trial was designed to evaluate whether community members'

FIGURE 1: LOW-RISK AND LOW-HARM INCIDENTS

Eligibility Criteria

- Low-risk and low-harm incidents
 (as triaged by 911 dispatchers) that
 would normally receive in-person
 police response
- 2. Caller is on the line with 911 dispatcher
- Caller accepts immediate phone contact with a police officer, if available

Examples of Low-Risk, Low-Harm Incidents

- Assault Report*
- 2. Embezzlement
- 3. Forgery Report (from business or individual)
- 4. Lost/Found Property
- 5. Vandalism
- 6. Unlawful Use of a Financial Card
- 7. Identity Theft
- 8. Missing Person Report
- 9. Larceny Involving a Firearm
- 10. Protection from Abuse (PFA) Violation or Protection from Stalking (PFS) Violation Report*
- 11. Domestic Violence Report*
- 12. Any low-risk, low-harm report that community members were unable to process
- *if no injuries and suspect is not on scene

satisfaction and trust in the WPD could be met or exceeded by response via phone compared to an in-person police response for low-risk and low-harm calls for service (see Figure 1). The second purpose of the study was to compare the efficiency of each response.

The study commenced on March 7, 2023, and concluded on July 17, 2023. From 9:00 a.m. through 7:00 p.m., Monday through Thursday, dispatchers asked community members who called 911 to report low-harm and low-risk calls for police service if they would be willing to have immediate phone contact with a police officer, if available, as opposed to waiting for an in-person police response. For those callers consenting to participate, the dispatcher randomly assigned callers into one of two groups: (1) the experimental group, in which callers

received immediate phone transfer to a police officer, or (2) the control group, in which callers received an in-person police response. When a consenting caller was randomized into the control group (in-person police response), the dispatcher simply let the caller know that an officer was not available to speak with them by phone and an officer would contact them in person.

This study used an "intention to treat" analytical approach. This means that the calls were analyzed in the group that they were randomly assigned to even if that changed during the call. For example, if a caller was randomly assigned to the experimental group, but the officer taking the call by phone sent another officer in person due to an emerging development that required an in-person police response, the

participant was still included in the experimental group.

There were 135 callers assigned to the control group, and 314 callers assigned to the experimental group. The WSU research team contacted callers from both groups within two weeks following their contact with the police and asked them to complete a short survey. Of the control group, 43 callers (32 percent) were successfully reached and completed a phone survey. Of the experimental group, 94 callers (30 percent) were successfully reached and completed a phone survey. Sixtysix percent of callers either could not be reached for the follow-up survey or hung the phone up on the research team members, while 4 percent of callers across both groups refused to take the survey. In all, a total of 141 callers were studied.





KEY FINDINGS

The survey responses were analyzed, with the following key findings:

- The differential police response did not seem to influence satisfaction in the police.
 Satisfaction remained high across both groups.
- Participants across both groups viewed the incident they were calling the police about as serious or very serious.
- Of the callers who received immediate phone contact with a police officer, 67 percent would recommend it to others in similar situations.
- Two-thirds of all participants across both groups reported they would utilize a video calling service with an officer if the option was available.

EFFICIENCY

This collaboration significantly improved operational efficiency and extended the reach and effectiveness of police services. Police officers responding to calls for service over the telephone were more efficient in terms of (1) expended time responding to the call; (2) having more expedient contact with calling parties; and (3) time spent completing the call. On average, from the moment a community member dialed 911 to report an incident, it took 45 minutes for a police officer to arrive at the scene in person and begin their interaction, including an average drive time of 9.7 minutes. Conversely, if a community member was assigned to the experimental group (immediate phone contact with an officer), they were talking with a police officer on the telephone within 7.2 minutes from the time dispatchers took the call.

For the control group receiving in-person police response, the average time spent on-scene (after arrival) was 53 minutes for the officer to close

the call and check back into service. For the group that received immediate phone contact, the process was markedly faster, averaging just 13 minutes to complete the call. This is a difference of 40 minutes in time savings, which, over an entire shift, could potentially result in greater efficiency of police services.

LESSONS LEARNED

As the CCC evolved, its impact extended beyond mere efficiency in handling calls. Notable anecdotal successes began to emerge, underscoring the value of this approach. For instance, the CCC officers, applying their investigative skills over the phone, successfully issued felony be-on-the-lookout (BOLO) alerts, leading to arrests based on over-the-phone investigations. This capability not only demonstrates the effectiveness of telephonic investigations but also highlights the strategic advantage of leveraging experienced officers in nontraditional roles.

Particularly noteworthy has been the feedback from sexual assault and domestic violence advocacy groups. Survivors of these traumatic experiences have expressed a preference for the discretion and privacy offered by phone reporting. The ability to report from the safety and confidentiality of their own home or office has been a significant relief to many. It ensures that the process of reporting such sensitive incidents remains private, without the visible presence of police officers or patrol cars that might draw attention from neighbors or coworkers.

ACTION ITEMS

By effectively deploying officers in nontraditional roles, the CCC has not only enhanced the department's capacity to manage low-risk and low-harm incidents but has also played a crucial role in maintaining police presence for emergencies and active disturbances. This experience yields the following recommendations for agencies considering implementing a CCC:

- 1. Leverage officers on light duty or those unable to perform field duties due to restrictions by assigning them to staff the CCC.
- Establish a central location equipped with
 essential technologies and tools. This includes
 providing phones, access to city surveillance
 cameras, departmental cellphones, access to
 license plate readers, digital resources, and
 computers outfitted with multiple monitors,
 ensuring the CCC is fully prepared to handle
 incidents efficiently.
- Operate the CCC during peak call times. This targets the highest demand periods and addresses call waiting times effectively, ensuring timely responses to community needs.

- 4. Develop and implement protocols that enable the CCC to work in conjunction with field units, facilitating a comprehensive approach to incident management.
- 5. Continuously monitor the CCC's performance, focusing on metrics such as time saved, case resolutions, and community feedback. Ongoing evaluation is crucial for understanding the impact of the CCC and guiding future improvements.
- 6. Highlight and share the CCC's successes, including significant case resolutions and positive community feedback. Showcasing these achievements reinforces community trust and supports the CCC's role in modern policing. り

NOTES:

¹Police Executive Research Forum, "New PERF Survey Shows Police Agencies Are Losing Officers Faster than They Can Hire New Ones," April 1, 2023.

²Ian T. Adams, Scott M. Mourtgos, and Justin Nix, "Turnover in Large US Policing Agencies Following the George Floyd Protests," Journal of Criminal Justice 88 (September-October 2023): 102105.

³Stacey Rothwell et al., "FAST Policing by Telephone: A Randomised Controlled Trial," Cambridge Journal of Evidence-Based Policing 6 (September 2022): 180-201.



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Gathering Community Feedback for Improvement

POLICE AGENCIES OFTEN HEAR ABOUT COMMUNITY CONCERNS THROUGH TOWN MEETINGS, CONVERSATIONS, OR COMPLAINTS. COMMUNITY-WIDE SURVEYS, SOMETIMES USED IN OTHER INDUSTRIES, ARE UNUSUAL IN PUBLIC SAFETY.

Shortly after taking the helm in Williamsport, Pennsylvania, Chief Justin Snyder wanted to garner feedback directly from the community about areas in which the Williamsport Bureau of Police (WBP) could improve. It was determined that the best way to gather this information was through a survey. "The goal of the survey was to find out from community members how they felt about the level of service provided by our department and what improvements could be made to provide better service," said WBP's assistant police chief, Jason Bolt.

The first attempt at conducting a survey to gather this information began in-house and was assigned to a Lycoming College student who was interning at the agency. Several months

later, Chief Snyder was approached by the college's criminal justice professors who wished to expand the original survey into a larger class project. "This partnership provided an opportunity to get a larger sample of the community for collecting information," said Assistant Chief Bolt.

A long-term research agenda from Assistant Professor Justin Medina showed similarities to the original WBP survey. Starting in 2017 as a collaboration between a small agency of seven officers and the Criminal Justice–Criminology Department at Lycoming College, Dr. Medina's research aimed to better understand local and municipal policing issues in rural areas. "The focus of most criminal justice research is urban and densely populated cities," said Dr. Medina.

"While important, this emphasis ignores most agencies and geographic areas that make up the decentralized American justice system." The project has since been replicated in four different municipalities.

CONDUCTING THE SURVEY

In 2022, Associate Professor Julie Yingling and Dr. Medina added the research project into their curriculum. Over two courses, criminal justice students were tasked with canvassing a portion of Williamsport. The project extended into 2023, so Dr. Medina hired four student research assistants to survey the remainder of the city.

Although the purpose of this research is to help police departments understand residents' attitudes about crime-related issues and fear of crime in rural areas, the Williamsport survey aimed to specifically address the community's perspective of the WPB.

Six major content areas of the survey were covered in 35 open-ended questions:

- 1. Perceptions and Attitudes of Police
- 2. Police Engagement with the Community
- 3. Crime in Your Neighborhood



RECOMMENDATIONS FOR THE POLICE FROM THE WILLIAMSPORT COMMUNITY:

- Create high-quality, non-enforcement interactions with community members.
 Consider having more officers on foot or bike patrols.
- Increase the transparency of decision-making and officer accountability and discipline.
- Supply a way to communicate with individual officers by showing ways to contact them on the WBP website.
- Seek out programs that build and support community input to problem solve and address issues.
- Address the most pervasive neighborhood-identified issue of speeding and the fear of victimization in parks and bike paths.
- Better understand and differentiate between domestic violence, child abuse, and sex trafficking. Commit to best practices for responding to each.
- Seek non-enforcement collaborations with community-based agencies to address perceived and actual juvenile delinquency.

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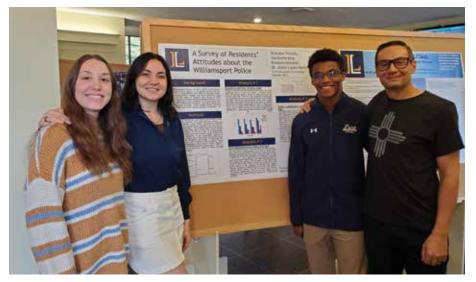
RECOMMENDATIONS

The Williamsport Bureau of Police provides the following advice in collaborating with researchers to gather community-wide feedback:

- Keep lines of communication open with different stakeholders to get input on survey questions.
- Be realistic about the time it takes to complete a project of this size.
- Partner with a college or university that has the appropriate resources to assist.
- Learn how to talk to people of different backgrounds and to be tolerant of all attitudes.
- 4. Police Response to Issues
- 5. Current Policing Issues
- 6. Participant Information

The WBP wished to gather feedback regarding their recent efforts to engage with the community, especially from individuals who actively avoid the police. "We were hyperaware that we were going to people's homes and asking them about a topic that could be potentially triggering, so we took as many precautions as possible," said Dr. Medina. Prior to canvassing, the criminal justice department of Lycoming College sent out press releases to identify who was administering the survey and how the data would be handled. The police did not take part in the canvassing process. Instead, the research students were trained to conduct surveys about the WBP on behalf of the college. They remained respectful of an individual's desire not to participate and were trained to remove that address from the return list.

These efforts resulted in about an 18 percent response rate of a sampling of 1,424 randomly selected residences—within the average range for door-to-door surveys.





RESEARCH FINDINGS

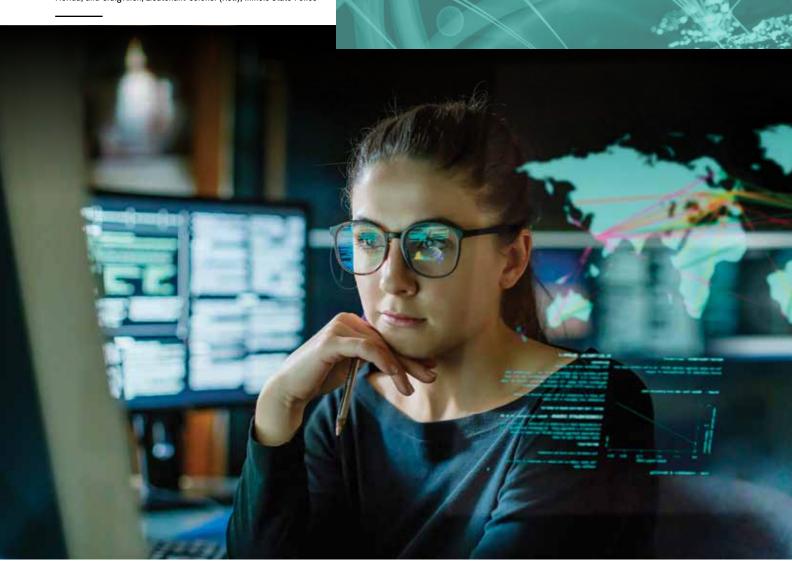
While presenting their results to the WBP, the researchers were transparent about their findings. "The police can use the results from the survey to receive grant funding to hire more officers and equipment," said Liam Roman, a student research assistant. It should be noted that, when the final report was presented to the WBP, participant information remained confidential. There would be no way for the police to identify a respondent or their address. "We knew that people might be apprehensive to talk about the police if they thought [their] negative feelings would be made known," said Dr. Medina.

The results showed that Williamsport residents have a favorable opinion of the WBP and its officers. "The survey noted that we could improve transparency with community members,"

said Assistant Chief Bolt. "A large number of residents requested more involvement by the police in their community." By knowing this perspective, the WBP leadership can focus on key areas and types of crime that the community has concerns about, thus strengthening community-police relationships.

The research partnership between WBP and Lycoming College demonstrates that police are interested in understanding community needs so that they can take proactive measures to prevent a breakdown of public trust due to a lack of services or engagement. It also provides a model for collaboration between higher education and police departments to increase research on local issues. 9

George Perera, Major/Commander, Miami-Dade Police Department, Florida, and Craig Allen, Lieutenant-Colonel (Ret.), Illinois State Police



Author Note: This article was written several months prior to publication, and, as such, some topics may have further matured by the time readers have access to this material, as is the nature of rapidly developing technology.

INTEGRATION OF ARTIFICIAL INTELLIGENCE (AI) AND PREDICTIVE MODELING IN POLICING COULD HERALD IN A TRANSFORMATIVE ERA, OFFERING NEVER BEFORE POSSIBLE MULTIFACETED OPPORTUNITIES TO AUGMENT CAPABILITIES ACROSS POLICE DOMAINS. The scope of AI advantages extends far beyond what's highlighted here, promising a paradigm shift in the ways police agencies operate. Embracing technological evolution, with human oversight, stands to empower police agencies with significantly advanced methodologies, paving the way for more efficient and effective public service. AI offers very real possibilities for integrated or multidimensional solutions to persistent policing challenges and threats. Both the European Union (EU) and the United States are

pursuing structure and transparency for the use of AI. The EU is ushering in binding rules on transparency and ethics as well as AI regulations, identifying degrees of risk and allocation of responsibilities, with police exceptions. The United States released guidance through a presidential executive order at about the same time.

Police leaders are encouraged to become knowledgeable about their agency's use of AI. They should know where AI is used in their agency and be able to explain its use in any application. Regardless of AI uses, the assignment of humans with authority and responsibility for AI outputs should be considered mandatory, thereby enhancing human outputs and the use of AI specifically to create or develop a series of "leads" or "best practices."

A comprehensive AI strategy spans critical aspects focused on public trust, officer wellness, traffic safety, and prevention of all types of violence. AI solutions on the horizon appear to be offering benefits in

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THE AI-POLICING

Exploring the Benefits, Threats, Challenges, and Risks of Artificial Intelligence in Policing

reducing agency risks in many facets of policing. This technology has great potential to bolster accountability, transparency, and public trust in a police force.

BENEFITS OF AI INTEGRATION IN POLICING

Predictive Policing and Crime Mapping

There are never any happy crime or traffic crash victims.

The challenge is how to effectively communicate to those being policed that a police agency is doing "all that it can" with the available resources. Al's predictive capabilities offer hope for enhanced crime prevention, such as reducing incidents of gun violence. Gun violence threats have also become increasingly common in many countries

around the world based on open-source reporting. AI machine learning and predictive modeling have gradually become meaningful tools in contemporary policing, particularly in efforts to reduce gun violence. In addition, such advancements have increased the capability to solve gun violence crimes using shot detection devices and gun shell case analysis tools, complementing previous work in crime scene investigation such as the Automated Fingerprint Identification Systems (AFIS) and DNA analysis.

A combination of these detection and analysis technologies with other police data sets can be used to create predictive crime mapping and hot spot analysis. AI can be instrumental in predictive crime mapping, identifying areas with a higher propensity for gun-related incidents

by identifying trends in ways previously impossible. This is achieved through algorithms that analyze historical crime data, including times, locations, and types of crimes. By identifying hot spots, police can allocate resources more efficiently, focusing on areas with a higher likelihood of violence. AI algorithms can also assess and help provide data to reduce the number of police in a particular area, at a particular time, to mitigate a sense of "over policing" and provide better distribution of labor to be at the right place at the right time.

One of the significant attributes of AI is the ability to ingest and correlate large sets of data. Investigative work has an opportunity to be markedly improved with AI assistance. AI can aid in pattern recognition within complex case files, highlight connections between seemingly unrelated cases, and even predict the likely evolution of ongoing criminal activities. Assessing data is what crime analysts do every day around the world. Statistically, collaborative human and machine outcomes are far superior to those produced by machine or human alone. This enhanced investigative capacity offers the possibility of more efficient case management and effective resolutions, resulting in a higher probability of successful prosecutions and even reductions in overall crime.

As another example, in an ongoing investigation, AI can sift through hours of surveillance footage and cross-reference it with other databases to identify suspects wearing certain types or colors of clothing like "red sweater" or vehicles of interest for lead follow-up, much faster than humanly possible. This technology will only get better and more accurate as time passes. Accelerated processing enables officers to focus on strategic decision-making rather than getting bogged down by details of data analysis. Working with larger data sets requires better tools to make assessments, identify trends, eliminate spurious data, and focus on the best, most reliable leads. Efficient number crunching by machines paired with effective human skills brings about a better outcome.

Al can aid in pattern recognition within complex case files, highlight connections between seemingly unrelated cases, and even predict the likely evolution of ongoing criminal activities.

Social Media Monitoring and Sentiment Analysis

AI-driven tools can monitor social media platforms for potential threats and illegal activities, such as gun sales. There are high hopes that AI can drive down gun violence, in part, by social media monitoring and sentiment analysis. Advanced algorithms analyze language patterns, sentiment, and network connections to identify individuals who might be at risk of committing gun-related offenses or becoming active shooters. To date, the research indicates optimism for effective measuring techniques and tools. Open-source information people post about their current mindsets and aggravations is being studied, and the monitoring extends to the dark web and "underground" networks where illegal transactions, including arms trades, often occur.

AI technology also feeds into predictive computer traffic mapping of hot spots. Combining these data sets will likely produce unexpected, positive lead outputs, which must be carefully considered by the people accountable for these outcomes (e.g., analysts, police leaders). Communication methodology has changed dramatically over the last 25 years, and bad actors sharing anger in their open-source communications or sharing in open forums is noteworthy. To be upset about something is common, and it is often innocuous, for example, parents complaining about a junior or high school coaching decision. However, moving from general complaints to espousing violence against another crosses a line of intervention. AI may be the next step in this process to detect those at-risk individuals who choose to post on open-source platforms. To be sure, it will take years of research and legal decisions to sort out the best practices, but the information will be available for AI to capture, helping police mitigate some of these terrible situations.

Facial Recognition, Ballistic Analysis, and Video Analytics

Advancements in facial recognition and video analytics enhance real-time situational awareness. Facial rec-

ognition and video analytics have been hot topics in the AI space; however, great strides have been made in the efficiency and accuracy of these technologies. Facial recognition technology algorithms continue to improve, from error rates of 4.1 percent in 2014 to .08 percent in 2020. Combining facial recognition with improved video analytics can be useful to identify individuals who are carrying firearms, alerting police in real time. This technology can also be used to analyze footage from crime scenes, potentially identifying suspects and witnesses more quickly and accurately. This is another investigative tool with great potential that, when partnered with a well-trained human, should help increase the quality of leads.

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As previously pointed out, AI can enhance ballistics analysis by rapidly comparing bullet casings and firearms from crime scenes, identifying patterns, and linking different crimes to a single weapon to provide investigators with leads otherwise unavailable. AI's capability appears vital in solving gun-related crimes and preventing future incidents by providing the data outputs vital for identifying serial offenders and weapons used in multiple shootings, assessing patterns in criminal behavior over time.

AI appropriately configured and combined with human assessors can help reduce false positives and focus police leads on those who were at the scene of a crime. Previous error rates showcase what happens when a technology is not ready for prime time—these types of errors are often attributable to trying to solve a very high-profile or persistent problem quickly, or at a low cost, streamlining the investigative process; as both cameras and AI learning models evolve, their more accurate results may increase acceptance of the technology and validate its use in more situations.

Officer Wellness and Safety

AI can aid in identifying officers at risk of mental health crises through behavioral analysis and social media monitoring. Wearable devices and sensors can be continuously monitored by AI for vital signs, providing real-time insights, improving officer safety in the field. Other positive implications of AI extend beyond physical safety to influence the mental well-being of officers, as well as aiding in suicide prevention. The automation of certain tasks and processes may reduce stress and improve officer overall job satisfaction, fostering a healthier work environment. Worthy of note in mental health is a diminishing number of mental health providers; AI may offer options to fill this gap with machine bots interacting with humans on mental health matters.

AI can play a pivotal role in suicide prevention among police personnel. By analyzing patterns in behavioral data, social media activity, and wellness check-ins, AI systems can identify officers at risk of mental health crises. This proactive approach may allow for timely intervention and support.

Additionally, excessive use of force by police officers is a critical issue undermining public trust. AI can assess data to help mitigate this by monitoring health metrics that may influence an officer's decision-making and behavior. Wearable devices equipped with AI can track vital signs like heart rate and stress levels, which, combined with body-worn cameras, can provide rich data sets to alert



supervisors to officers under extreme stress, indicating increased potential for use of force. By recognizing these stress indicators early, departments can implement and train personnel in appropriate de-escalation techniques or provide immediate assistance to officers, thus reducing the likelihood of unfortunate incidents.

AI also offers new ways to assist officers in their decision-making processes. In high-stress situations, like active shooter incidents or hostage scenarios, the quintessential challenge for police officers in the field is the rapid and efficient processing of vast and varied information streams. AI systems, with their ability to analyze large data sets swiftly, can filter and prioritize information based on relevance and urgency. AI algorithms can quickly process incoming information, such as building layouts, suspect information, and real-time surveillance, to suggest tactical options. By presenting analyzed data and potential outcomes, AI aids officers in making informed decisions under pressure, potentially saving lives and reducing unintended consequences. AI seems poised to offer an opportunity to raise the bar on officer behavior to produce predictably better outcomes.

Imagine a situation where an officer receives an active shooter call. As the officer responds, AI can obtain building plans. At the same time, it is accessing computer networks at the scene and looking for cameras. AI accesses cameras, and algorithms are interpreting information, looking for a suspect with a firearm. AI locates a suspect with a firearm, then determines the precise location of cameras in the building, overlays that information on the building's plans, and advises responding officers that a suspect with weapons is in room 101 in the building's northwest corner. All of this information is available before any officer arrives on the scene. Officers arrive, and as they exit their vehicle, three gunshots are heard. AI advises officers that audio sensors detected an acoustic pattern consistent with a .223 gunshot. This information prompts officers to get their rifles and ensures they have a greater understanding of what threat they will be facing. As officers enter the building, AI advises them a suspect is moving into a hallway. This suspect is unaware of the officers' arrival. The hallway passes in front of an officer, who is in a superior location to confront this suspect. Officers then look at casualties in the area and see a victim with a gunshot wound to the chest. AI can assess trauma and advise an officer on prioritized lifesaving steps to be taken in a hot zone to stabilize each victim. This lifesaving rapid response is enhanced by AI-driven intelligence.

AI can assess data across police communications ecosystem, making it possible to advise arriving public safety responders the location of each officer and situational updates of the actions officers take with each victim of an accident or event. Some of this predictive technology already exists in some domains, while being further developed by the NASA Jet Propulsion Laboratory.

Public Trust

AI applications in law enforcement perform best when continuously evaluated for performance, impact, and adherence to these primary questions in deploying tools:

- 1. Are these tools achieving what they were designed to do?
- 2. Do they continue to align with the agency's ethical standards?

When the answer to both questions is affirmative, AI may nurture a culture of accountability and transparency within policing, fundamental for building and maintaining public trust.

AI contributes to transparency with body-worn cameras ensuring objective video and audio recording of interactions. Body-worn cameras integrated with AI can analyze footage in real-time, ensuring that all interactions are recorded and assessed promptly and objectively. This technology not only protects officers from false accusations but also ensures that any misconduct or trends are swiftly identified and provided to supervisors to be addressed. AI-powered data analytics can track agencies aggregate or each officer's patterns in use of force, complaints, and other key performance indicators, providing an objective basis for evaluating officer conduct and departmental policies and procedures.

Data analytics can also track officer wellness metrics, changes in stress levels, and key performance indicators, providing an objective basis for assessing officer conduct. The use of AI in monitoring police activities and supporting police officers has the potential to help agencies identify internal areas of changing conditions, thereby contributing to strengthening public trust in the police. By demonstrating a commitment to officer wellness, ethical conduct, and accountability, police leaders can demonstrate with data, to both officers and the public they serve, that they are dedicated to upholding the highest standards of policing. Transparent reporting of AI findings and actions taken in response can further reinforce this trust, showing the community that police agencies are actively working to improve their practices and safeguard the well-being of both the officers and the public.

Police executives can actively work to identify and mitigate biases in AI algorithms, refining processes for accuracy and objectiveness. AFIS and DNA analysis have been game-changing technologies. Since the beginning of their implementation, they have revolutionized police forensic practices, providing police with powerful investigative and lead generating tools for criminal identification, investigation, and case clearances. Then, as now, careful consideration of all elements, including human and machine partnering, is crucial to balance the benefits of these technologies with the protection of individuals' rights and privacy. Safeguards, now long baked into practices and agency policies incorporating ethical guidelines, ensure responsible and accountable use of the AFIS and DNA technologies.

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Public safety mechanisms for accountability and oversight are imperative to address errors in AI applications. Standards by NIST and other elite standards-making bodies are actively seeking to stay up to date with this changing technology; however, courts are years behind in case law seeking to assess what will and will not be aligned with each country's laws.

Traffic Safety and Operational Efficiency

AI's contributions extend to optimizing traffic safety and operational efficiency through real-time data regarding road conditions and traffic updates. Smart Cities technology will incorporate additional sensor data available going forward. Utilizing AI across various domains, including predictive traffic and crime mapping, offers promising possibilities, particularly if agency staffing continues to be a challenge. Additional AI potentialities may begin in traffic safety using machine learning data, combined with well-trained and skilled staff, to help police set a new public/traffic safety vision as the trends of autonomous vehicles continues. AI tools offer the ability to better assess road conditions in advance, through a series of data collection points from weather to vehicle traffic volumes, train and mass transit locations or units traversing with roadway traffic, school bus routes, hazardous materials transportation, this list becomes endless. Initial positive results of reducing traffic crashes can then lead to improved roadway safety and reduced fatal crashes through embedded data collection and improved and coordinated roadway signage technology. Roadway sensor technology can monitor metrics of aggregate speed, average distance between vehicles, specific location, moisture content or flooding, wind speed capable of blowing dirt, smoke or driver view obstructions, roadway debris including snow or ice buildup or other roadway deterioration, roadway temperature, and de-icing sensors, thus triggering automatic public works de-icing deployments as temperatures drop, reducing or eliminating those critical factors often contributing to traffic crashes.

In-vehicle AI systems can aid officers in making informed decisions, particularly in high-speed pursuits or emergency responses. AI augments an officer's capabilities in processing information and decision-making while driving. In-vehicle AI systems can provide real-time data on road conditions, traffic updates, and potential hazards. Furthermore, AI-driven analytics can assist in optimizing patrol routes, ensuring officers are positioned in areas where their presence will have maximum benefit on traffic safety.

The NASA Jet Propulsion Laboratory has created a trusted and explainable in-vehicle AI architecture for public safety, specifically for driving and assisting during driving. This system, TruePAL, has been tested successfully to assist first responders in emergency response driving by providing real-time feedback from the roadway, thereby allowing a safer and faster response time. Additionally, a significant concern for police safety

has been traffic stops on the side of major roadways. An advanced algorithm was developed to monitor traffic approaching from the rear of a stopped emergency vehicle. In one situation, the AI was able to identify a motor vehicle that had a high probability of striking an emergency vehicle and was able to alert the first responder several seconds before the impact. That capability alone will save lives.

CONCLUSION: A RESPONSIBLE AND TRANSFORMATIVE INTEGRATION OF AI

AI's integration provides hope in effectively tackling gun violence and presenting a formidable tool for police to enhance their strategic approaches across many areas laid out in this article. AI extends its impact to crash prevention, traffic management, and rapid responses to roadway incidents. These applications not only contribute to safer communities and increased officer safety, but they also may help establish more efficient, effective public safety technology deployments, resulting in greater trust of police in their communities.

However, AI's promising landscape is not without challenges. Addressing potential threats and ethical considerations and striking a balance between harnessing all the benefits of AI while mitigating risks remain foundational. Responsible use of AI in policing hungers for ongoing research, collaboration, and a rigid commitment to ethical practices. A disciplined and human-centric approach is necessary to refining AI algorithms. Requiring human oversight and controls in all aspects, then carefully optimizing positive outputs while minimizing unintended consequences in outcomes, is essential. Ultimately, the strategic incorporation of AI into police operations holds unimagined potential to foster a more responsive and trusted relationship between police and communities if approached with care and inflexible diligence. The integration of AI into police practices is not just a technological advancement—it's a step toward a more responsive and trusted police force. O

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- Facial Recognition (policy resource)theIACP.org
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- The Emerging Dominance of Al policechiefmagazine.org

HARNESSING

FOR

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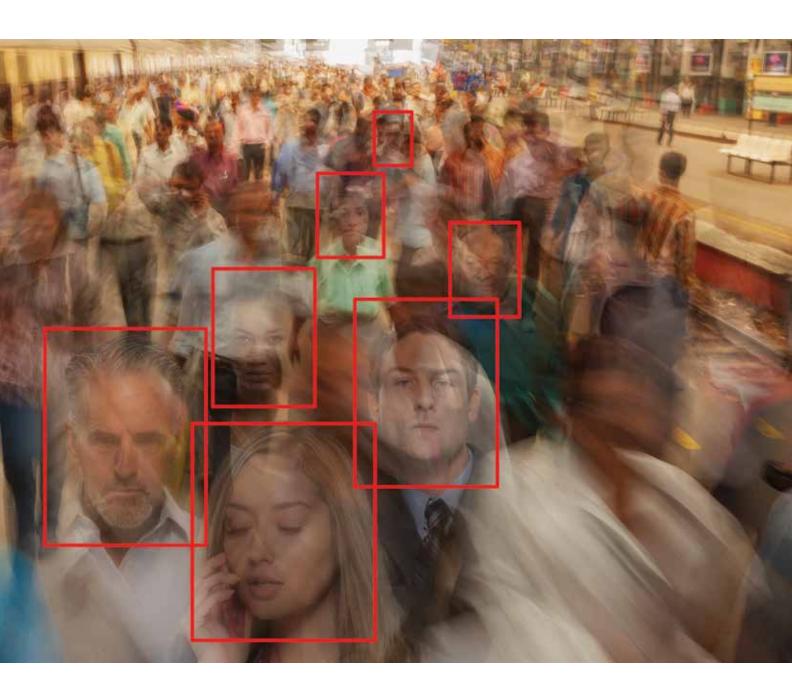
Progress, Applications, and Considerations

INFORMATION TECHNOLOGY HAS TRANSFORMED POLICE OPERATIONS IN MANY WAYS OVER THE YEARS, AND ONE RAPIDLY ADVANCING CAPABILITY HAS THE POTENTIAL TO SIGNIFICANTLY CHANGE THE WORK OF OFFICERS AND DEPARTMENTS. Artificial intelligence (AI) is a category of computer-based services that can use reasoning and decision-making to solve complex problems without human input. These capabilities include object and person recognition, speech-to-text transcription and cross-language translation, and the ability to "understand" a person's behaviors and predict behavior. AI systems have been used in the private sector for many years—people use AI when they

ask their phone for the day's weather or when their video streaming service recommends movies that they might like. Sophisticated AI capabilities are being integrated into solutions for policing, so it's critical for agency leaders to understand AI's capabilities and uses, as well as any related policy considerations.

The development of AI has been underway for many years, starting with systems that could solve a single problem and progressing to more sophisticated systems that could solve multiple, unique problems to achieve a goal. Some AI systems that may seem modern now were actually first developed many years ago. In 1972, engineers at Stanford

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University demonstrated Shakey, a robot with wheels and cameras that could perceive its surroundings and solve problems to complete complex tasks including opening different kinds of doors, navigating through cluttered rooms, and sorting objects. Mercedes-Benz developed a self-driving car that in 1994 drove itself more than 1,000 miles on highways and city streets from Munich, Germany, to Copenhagen, Denmark. These prototypes set the foundation for many of the AI-powered solutions in use today.

AI has been used in many industries for years to quickly derive insights from large volumes of data and spot patterns in data that a person might not. These AI systems have been used to "look backward"—analyzing existing data—but a new form of AI called "generative AI" uses existing data as the source material to create entirely new content. This capacity to create new digital content will yield both new capabilities and challenges for police agencies. ChatGPT is an example of a generative AI system

that can create new written content for users by analyzing massive volumes of data and "tuning" its output based on a user's prompt and feedback. For example, a user could have ChatGPT write a 1,000-word college-level paper on the U.S. Declaration of Independence. Generative AI systems have even passed bar exams in several states, along with the United States Medical Licensing Exam. This content creation capability could assist officers in writing reports but could also help criminals create compelling fraudulent documents. It's already a challenge for colleges, which have discovered students using generative AI systems to write their papers. ChatGPT's companion system DALL-E can analyze millions of images in the same way to create entirely new images. For example, a user could have DALL-E create an image of a painting of a small-town police station in the style of Norman Rockwell. This image creating capability could help officers to quickly create suspect sketches but could also enable others to create "fake" digital evidence.

FIGURE 1. CHARACTERISTICS OF TRUSTWORTHY AI SYSTEMS



Source: National Institute of Standards and Technology, Artificial Intelligence Risk Management Framework (2023).

THE NEED FOR GOVERNANCE

The way that police agencies will acquire AI in the future highlights the need for developing appropriate AI governance policies now. Rather than purchasing new systems labeled "AI," public safety technology vendors have begun to incorporate AI into systems that police agencies already use. One example is an AI-powered CAD system, on the market now, with real-time analysis to prioritize emergency calls, identify related events, and prompt dispatchers with the most likely required resources based on past calls. Other solution areas with AI development underway are digital evidence management and analysis, investigative tools, and efficient resource deployment. AI capabilities will also move from headquarters to the field in the future, with systems identifying information that could be useful for a specific officer or incident and pushing it out to mobile devices in real time.

The growth of cloud hosting by solution vendors has also accelerated the adoption of new technology. Historically, public safety innovation has started with large police departments that had the budgets and staffing to pioneer new solutions that trickled down over time to smaller departments. Technology vendors can now host their solutions in the cloud, so customers no longer have to own and manage the computing infrastructure that AI systems require; they just need web browsers. As a result, smaller agencies now have direct access to the newest technology and are often adopting new capabilities like AI more quickly than their larger department counterparts.

THE NIST AI FRAMEWORK

AI will bring both new capabilities and new risks, so any organization leveraging it will want to adopt appropriate policies in place to govern its use. The development of these policies starts with a core set of underlying principles for AI's use and governance. Police agencies don't have to start from scratch—the National Institute of Standards and Technology (NIST), part of the U.S. Department of Commerce, created a Risk Management Framework to increase trustworthiness in the design, development, use, and evaluation of AI.

Organizations across the United States can leverage this Risk Management Framework and its core principles as the foundation for their own policies.

- Valid and Reliable—This is the foundation for the other Al principles. An Al system must operate safely and consistently and in both normal and abnormal circumstances. Since the performance of an Al system can change over time, it must be assessed through system monitoring and testing.
- Safe—An Al system shouldn't endanger human life or health, property, or the environment. This is achieved through responsible design, documentation of risk, clear guidance to users of an Al system, and responsible decision-making by the users of an Al system. Systems should also be improved over time as system performance data are analyzed, much the way bumpers, seat belts, and air bags were added to automobiles over time to improve passenger safety.
- Secure and Resilient—An Al system must be designed and operated in a way that protects against attacks and has the appropriate capabilities to respond and recover from them. The system should also be able to return to its normal function after an unexpected event or circumstance.
- **Explainable and Interpretable—**Designers of an Al system should be able to explain its outputs and the behind-the-scenes mechanics of how it works in lay terms. Through this approach users can understand how a system makes its determinations and if they make sense. One example of a lack of explainability and interpretability is an AI system that was designed to measure the risk to people from pneumonia. The system's analysis was that a person with pneumonia would have a worse outcome than a person who had both asthma and pneumonia, when, in reality, pneumonia can be very dangerous for a person with underlying asthma. A review of the system's analysis revealed that it ignored the different care provided to people in these different scenarios. A person without asthma who is diagnosed with pneumonia is sent home from the hospital with antibiotics, while a person who has asthma would likely be admitted to the hospital and receive additional care.
- Privacy-Enhanced—An AI system must be trained with data, and an organization must both protect the privacy

of those data and anticipate how the system's outputs will be used. For instance, a retailer discovered that it could use shopping patterns to identify women early in their pregnancies so that it could market pregnancy-related items to them, but the company didn't consider the sensitive nature of these insights and the privacy implications. In some cases, family members learned of a pregnancy through coupons that came in the mail.

- Fair with Harmful Bias Managed—The same inputs into an Al system should result in the same outputs: examples include mortgage applications, medical treatment, and résumé submissions. Bias comes in different forms and can be introduced in different ways. One example that has since been addressed was the way that Al-based language translation services could reflect gender bias. Some languages have a non-gender form and the translation function could introduce bias in content it translated across languages. When a person translated the phrase "that person is a doctor" into one of these no-gender languages and then back into English, it was changed to "he is a doctor." Designers of an AI system should look for ways to build out this kind of bias instead of locking it in.
- Accountable and Transparent—People should be aware that they're interacting with an AI system and its potential outputs. An organization deploying an AI system must also recognize that it's accountable for how it operates—it can't blame the AI system itself for any errors or undesired outcomes. For example, autonomous vehicles are already available that can operate themselves to varying degrees. However, although the car may be able to navigate and steer, the driver is still accountable for the vehicle's safe operation and for preventing harm to others and property.

APPROPRIATE TECHNOLOGY FOR APPROPRIATE USE CASES

For police leaders who want to leverage AI technology in an accountable and transparent manner, it is often more important to declare how the technology will *not* be used than it is to explain how it will be. It is important to communicate to stakeholders what specific issue an agency intends to address with a particular technology and what governance will be adopted to avoid unwanted outcomes. Departments should consider not only communicating with their communities, but also working to actively engage with them as use cases and policies are developed.

AI and the issues it may address in policing are inherently complex, making it difficult to detect problematic outcomes as they occur. This makes AI a uniquely challenging technology to utilize for operational or investigative purposes. Additionally, explaining how AI provides certain outputs is not always simple, even for those who engineer and develop a system. This ambiguity can raise questions related to fairness and equity. Agencies must be prepared to explain the often-inscrutable aspects of AI technology.

Context is critical with respect to trustworthiness, and vigilance is required to ensure the intended deployment of new solutions appropriately corresponds to what a technology was designed to do. Prior to implementation, agencies must be very intentional when evaluating the risks of unintended consequences. Without proper controls, AI systems can exacerbate inequitable outcomes for individuals and communities.

Predictive analytics is certainly an area where AI technology is particularly promising. Traditional hot spot policing that relies on limited data or trends that are deemed linear but are actually based on more nuanced factors has been scrutinized for contributing to the over-policing of marginalized communities. Absent evidence-based insights as to the root causes of issues, crime prevention measures can seemingly be directed at an entire community, eroding the perceived legitimacy of a police department's efforts.

AI systems capable of actively interpreting the criminal environment may offer leaders a more objective decision-making framework. This model would still focus on hot spots, but, by leveraging the advanced computing power of AI and integrating more robust datasets, the approach could effectively incorporate more holistic information such as environmental features (e.g., lighting, movement, patterns of pedestrians and vehicles) and social factors (e.g., victimology and offender conduct).

BOUNDARIES AND TOLERANCE

Chatbots are already successfully supporting law enforcement recruitment and investigations, automating court functions, and connecting community members to needed information and services. In Los Angeles, California, chatbots assist with recruitment for the police department. Bots engage in 35 to 45 chats per day, answering basic inquiries that would otherwise require responses from department personnel.

It would be problematic and inconvenient if systems like this failed. However, it wouldn't result in the type of harm that could stem from a misrouted 911 call or the arrest of a suspect who was actually innocent. It is important before any actual implementation of an AI system to determine acceptable boundaries and performance thresholds (technical, legal, and ethical). Furthermore, it is imperative to have candid discussions with stakeholders who could be potentially impacted, regarding the tradeoffs needed to balance the advantages that new AI technology may offer versus the risks that could affect community trust.

IT ALL STARTS WITH DATA

The effectiveness of any AI program is predicated on the quality and comprehensiveness of available data. There has been an explosion in data generation during the

past several years, but that doesn't mean that there is an ample supply of data available to train AI applications. Much of the data created remains unstructured or not in a state to be meaningfully utilized.

Developing trustworthy AI applications requires large amounts of data that are accurate and consistent. This creates unique challenges in the development of solutions for criminal justice purposes. For example, an AI system designed to develop inferences related to unsolved sex crimes would require a considerable amount of data related to sex crime cases that had already been closed, including structured information related to offenders, victims, circumstances, and evidence. For obvious reasons, this type of data would be difficult to assemble at scale.

THE IMPORTANCE OF PEOPLE

AI may exceed human capacity to scour vast amounts of data or be capable of performing computational tasks that are impossible for people, but policing is a profession where success is predicated on critical thinking, emotional intelligence, discretion, and empathy. In operational use cases, AI should be regarded as an assistive technology, to help people deliver services and perform tasks that they already do with greater speed, accuracy, and efficiency.

It is important to effectively develop clear expectations and train people as to how AI solutions are to be utilized. Altering existing work processes, regardless of the advantages, can be met with resistance from people who prefer the status quo or who are intimidated by technology. Failure to effectively prepare and lead people prevents new technologies from having the impact intended. Furthermore, users of AI can affect the performance of systems via the data that they introduce or the manners in which they use the systems.

UNDERSTANDING THE SOURCES OF BIAS IN AI SYSTEMS

Bias in AI systems can occur without actual prejudice or discriminatory intent, but it is always a concern in any application used in policing, particularly where it could result in a disparate impact to communities that have historically been marginalized within the context of criminal justice practices. Concerns related to bias are closely associated with perceptions of equity and legitimacy. It is important to acknowledge that bias is a broader issue than just representative training data or outcomes related to demographic variations.

NIST has identified three major categories of AI bias to be specifically aware of and managed: (1) computational and statistical, (2) human-cognitive, and (3) systemic. One well-known AI tool that has fallen prey to bias is facial recognition technology. Whie it is an incredibly powerful tool that can benefit communities, there have been several notable examples of outcomes that are categorically unacceptable. The

root cause has often been a failure to manage bias. To better explain the sources of bias identified by NIST, an explanation of each source follows, along with examples of how bias may manifest in real-world applications.

Computational and Statistical Bias

This form of bias is present in AI datasets and algorithmic processes. These may be issues introduced by developers via improper testing or machine learning training that lacks representative data samples.

EXAMPLE:

A facial recognition algorithm trained primarily on faces of males of European descent will be considerably more accurate in identifying Caucasian males than women and/or persons of color. In a criminal justice application where the community served is demographically diverse, this increases the risk of inequitable outcomes.

Human-Cognitive Bias

This type of bias concerns the people using the technology and how they perceive AI system information to make decisions and take action based on system outputs. Human-cognitive bias is not exclusive to policing; it is prevalent in health care, aviation, finance, employment screening, and academic admission processes. There are three types of cognitive bias that pose the greatest risk in facial recognition systems: automation bias, implicit bias, and confirmation bias.

EXAMPLES:

Automation bias refers to the tendency to over-rely on technology. Users fail to adequately scrutinize outputs because they place too much faith in the reliability of the technology. In a facial recognition program, conclusions should always be made by trained human users who are qualified to corroborate the findings of the technology via additional systematic evaluation.

Implicit bias refers to the perceptions, attitudes, and stereotypes that individuals have about others, even if they are not consciously aware they hold such biases.

Confirmation bias occurs when users do not look at information objectively because they have already formed a conclusion in their mind. For instance, if a detective has had prior dealings with a particular suspect, they may give more weight to information provided by an AI system that affirms their current thought process, while discounting information that is contrary to their existing thinking.

Systemic Bias

This type of bias concerns processes and practices across the AI lifecycle that potentially allow bias to be introduced by system users.

EXAMPLE:

A facial recognition program where unknown probe images are compared against verified mugshot photos is dependent upon the quality of digital images in the system. If new images are captured with improper lighting or inconsistent backgrounds, introducing those data can skew system performance, potentially affecting the reliability of future outputs.

Technology doesn't replace trained professionals; it helps good people do their best work."

DATA PRIVACY AND CYBERSECURITY

AI affords agencies the capacity to incorporate a host of technologies and integrate data from an array of historically disparate sources. While this is obviously advantageous, it also substantially expands the vectors that could be exploited by malicious actors. Additionally, some AI technology comes with its own types of risks, like data poisoning (deliberate contamination of data to compromise the system's performance) or prompts to jailbreak (circumvent or override) security measures. The utilization of any technology solution necessitates the consideration of potential cyber risks.

It is important to select partners who are equally committed to information security. Generally, software cannot be effectively utilized without granting a vendor some degree of access to the user's network. The same access that facilitates legitimate functions like updating software or applying security patches ironically constitutes a vulnerability due to the risk of malware or "backdoors" being installed. The infamous SolarWinds exploitation was carried out in large part by compromising software early in the supply chain to gain access to sensitive information systems later.

Every member of the organization must have a role in maintaining the security and integrity of an agency's systems. To safeguard data, police departments should employ basic information security best practices:

- Systems should be configured at the outset with security in mind.
- Network segmentation should be implemented to prevent attackers from gaining access.
- Systems should perform automated updates and security patching.
- Systems should use encryption to protect data both in transit and at rest and ensure that all communication protocols are secure.
- Systems should incorporate audit logs that record the access and/or modification of records.
- Data must be hosted in a secure, CJIS-compliant environment.

CONCLUSIONS AND RECOMMENDATIONS

AI is already being used in policing to better address crime, improve efficiencies, and build trust with communities—and its impact will only increase. Navigating this rapidly developing technical land-scape will be both exciting and challenging. The focus should be on designing appropriate systems to meet the demands of modern policing, while prioritizing equitable outcomes for all stakeholders.

AI solutions, like other emergent technology, should be thought of as iterative systems where planning and design are continuous processes. It is essential that the effectiveness of guardrails that are meant to ensure safe and ethical outcomes are vigilantly monitored and that appropriate adjustments are made at the first sign of any deviation from predetermined boundaries. Defining specific goals for AI programs and establishing metrics to measure a tool's effectiveness are imperative.

Technology doesn't replace trained professionals; it helps good people do their best work. Police professionals can leverage innovative solutions while simultaneously striving to preserve public trust. Selecting vendors with a culture of integrity and thoughtfully engaging with the communities they serve can help police departments foster AI programs that equitably serve all stakeholders. O

IACP RESOURCES

- IACP Technology Policy Framework theIACP.org
- Law Enforcement in the Era of Deepfakes
- Amplifying Human Ingenuity policechiefmagazine.org



INVESTIGATIVE USE OF

ARTIFICIAL

INTELLIGENCE



BY

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processing. AI systems can be designed to perform a wide variety of tasks, from performing image and speech recognition to playing games and driving cars. The kind of AI systems relevant to police work are often useful because they do simple tasks that, previously, a human would have to do, but the AI does them much more quickly and potentially more accurately.

Machine learning (ML) is a subset of AI and refers to the ability of machines to learn and improve over time without being explicitly programmed to do so. ML algorithms enable machines to learn from data, identify patterns, and make predictions or decisions based on those data. Unlike traditional programming, where a programmer writes specific rules for a machine to follow, ML algorithms allow machines to learn from data input and feedback and improve their accuracy and effectiveness over time.

In practice, the two terms are often used together, with AI referring to the overall framework for a system and ML describing the ability to learn from data and make predictions or decisions based on the data. AI and ML enable machines to perform complex tasks that were previously possible only by humans. The development and use of AI and ML have grown rapidly in recent years, with applications across a wide range of industries and sectors, including policing.

Generative AI (GenAI) refers to the class of AI systems capable of generating new content, from text to images, based on patterns it learns from vast amounts of data. At its core, GenAI is designed to mimic human creativity. It uses techniques like ML and neural networks to analyze existing datasets and generate new content that is often indistinguishable from human-created content. These AI systems can write articles, compose music, and generate realistic images, just to name a few examples. GenAI can aid police agencies in several ways. It can be used to generate leads in investigations, create virtual training scenarios, or assist in public relations by drafting press releases.

GenAI also poses some unique concerns, especially when compared to other forms of AI. For instance, when deploying object detection or predictive analytics platforms, users are typically concerned with the accuracy rates of the AI. However, when deploying generative AI models,

CONTEMPORARY POLICING IS STILL A WAY OFF FROM THE ANDROID OFFICERS OF SCIENCE FICTION, NO MATTER HOW CAPTIVATING THE LATEST DANCING ROBOT VIDEOS ARE. Artificial intelligence and machine learning are already all around us, though, and accelerating into all aspects of society at a pace that has raised concerns with many of the world's leading technologists. It is easy to get caught up in fantastic visions and doomsday predictions, however, and miss out on quick wins for the policing profession that already exist.

In the near term, artificial intelligence functionality like generative AI, large language models, and machine learning algorithms have great potential to deliver better public safety outcomes without solving the Skynet problem. Policing can leverage these technologies to deliver better public safety outcomes while society wrestles with the long-term questions.

SOME NECESSARY BACKGROUND

Artificial intelligence (AI) refers to the ability of machines to perform tasks that typically require human intelligence, such as perception, learning, decision-making, and natural language

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Transparency: Does the public have the ability to access and review policy relating to how AI systems are deployed and used at the agency? This would include communications regarding the type of technology used, how the systems work, and any enacted policies to prevent misuse of AI.

Accountability: What kind of oversight exists to account for the usage of AI at the agency? Oversight mechanisms, such as auditors or inspectors, are vital to ensure AI systems are working as intended, and these individuals can address any misjudgments or errors that can potentially arise.

In addition to the preceding general considerations, agencies planning to deploy AI systems must pay special attention to the handling of sensitive data. This concern stems not only from the nature of the data but also from how data are processed by these systems. AI systems often use new data for continuous training, enabling them to learn and adapt to emerging trends. Given this dynamic, it's crucial for agencies utilizing AI to actively engage with their IT services or external contractors. This ensures that the use of data within AI systems is transparent and consented to, safeguarding against any unauthorized use of sensitive information to users that may be using the same AI system.

INVESTIGATIVE USE CASES FOR AI

Now, armed with a little information about what AI is and is not, and some cautionary tales about how it can cause issues if not implemented properly, it is time to discuss a few ways that agencies have seen the possibilities for AI to add value to criminal investigations.

The reader will notice that all of the use cases cited below are from larger agencies with more in-house technology resources than many police agencies. That doesn't mean that the innovations that they are piloting won't be available to other agencies, though—in many cases, these large agencies are already supporting smaller agencies within their area of responsibility. In each case, the capabilities discussed, once mature, could be made available to smaller agencies, either as a service or a delivered solution.

Use Case: Texas Department of Public Safety

There are many ways police professionals can enhance their operations by leveraging AI without generating an excessive amount of risk to their agency. Object detection is a type of AI technology that is able to classify objects in digital pictures and videos, based on the training data it was provided. Depending on the agency's operations, this may be a tedious task, especially if the agency's procedures require the annotation of images or video.

At the Texas Department of Public Safety, Operation Drawbridge fits this description. Operation Drawbridge is a multiagency border security effort led by the Texas Rangers that leverages commercial offthe-shelf technology to detect potential criminal activity via cell-enabled cameras. When motion is detected, an image is captured and sent to a custom application where image analysts review it for potential criminal activity. Currently, the department has more than 9,500 cameras operating in the field, resulting in at least 185,000 images that require review every day. Since these capture devices are not intelligent, many of these images are from environmental triggers, such as leaves moving in the wind. Manually reviewing these

FIGURE 1. SUBJECT DETECTED BY DRAWBRIDGE **CAMERA**



FIGURE 2. SUBJECT WITH NARCOTICS DETECTED BY DRAWBRIDGE CAMERA



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images can be a tedious process and image analysts can experience fatigue, resulting in missed images. Fortunately, working with industry partners has resulted in the deployment of various object detection models that reduce the number of images that require review by 60 percent.

From the program's inception in June 2012 through November 2023, Operation Drawbridge has assisted in the apprehension of more than 1,069,000 non-citizens, the seizure of over 631,000 pounds of marijuana, and the seizure of over 12,000 pounds of cocaine.

The Texas Department of Public Safety is also exploring the use of GenAI via an internal chatbot that is resourced with specific procurement-and contracting-related documents. While this is still in the prototype stage, users are able to interact with the chatbot as they would another human to discover information that is generally deeply embedded in long, hard-to-read manuals and policy documents. The vision for this capability is to provide expert-level support to personnel who need assistance in the procurement or contracting process via a chatbot, rather than tying up additional resources or requiring personnel to waste hours hunting for answers in a document repository. When a user asks a question of the chatbot, they are presented with either an answer interpreted through the provided documentation, with a reference to where the information was sourced, or an apology that the information could not be found. This dichotomy avoids the risk of the chatbot creating an inaccurate response when it cannot find the actual answer.

Use Case: Tennessee Bureau of Investigation

The Tennessee Bureau of Investigation (TBI) is currently in the early stages of piloting a frozen AI model to speed up search warrant generation in Internet Crimes Against Children cases. A frozen model harnesses the power of the large language model, but frozen at the time it is brought into the closed environment. This means that users can train the large language model on confidential de without losing control of the data outside the se environment. In this case, the intent is to train model on search warrants from ICAC cases i to develop a tool that generates a search wa template with appropriate formatting and plate text, requiring only the entry of car probable cause. This is "human-in-the basically it's a souped-up version of t' investigators use every day for com' warrants. This has the potential to the time it takes to generate a ser allowing the investigator to use speech-to-text, empowering ? CyberTip backlogs more rap investigative latency reduc

Speaking of latency red cussed the potential fc based AI to reduce la response. Modern c' amounts of data g data, and the lar good at unders it should be p focus on get ing analys actionab'

faster rate than is possible with traditional methods. For example, imagine the response to a child abduction. The accepted protocol is for personnel to respond to a command post, receive a briefing and assignments, and then immediately turn out into the field to conduct neighborhood, roadblock, and video canvasses; begin interviews and investigation; and gather and follow leads. Current AI systems are capable of ingesting dictated reports or recorded interviews; collating and summarizing that information; and, then, supporting plainlanguage queries of the resulting data. Police will be able to ask a cloud service questions like "Have we had any reports of a blue pickup in the area?" or "Have any interviews mentioned someone named PeeWee?" within minutes of a series of narrated reports being uploaded into the system.

Think about the role of the intelligence analyst for whom the ability to quickly link information is essential. Without a single sign-in solution available for all of the databases they must utilize, the analyst is hampered by human sign-in processing speeds. Current business intelligence software gives the power to customize links between data sets, sharing and filtering for key information and providing associations that may have gone unnoticed by humans. AI takes that analysis even further; the responsible use of this technology will enable the police to focus deployment of resources where they are most needed and make communities safer for their residents to work and play.

TAKEAWAYS

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The FUTURE of AIIN POLICING



BY

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RECENT ARTIFICIAL INTELLIGENCE (AI) DEVELOPMENT HAS SET OFF ALARM BELLS IN GOVERNMENT CIRCLES AND AMONG THE PUBLIC.

Police officials are now confronted with the need to better understand and manage AI in their own operations and IT systems. The police profession's use of information processing solutions empowered by algorithms—and their gradual replacement by more advanced AI—is not a new phenomenon. Solutions like facial recognition software, automated license plate recognition systems, and predictive policing tools based on pattern analysis have been in place for years. Most of the uses of AI thus far have been without significant government regulation or oversight, but that may be changing.

The year 2023 saw a growth of government attention to the use and management of AI. Police leaders need to understand both the recent developments in AI and the efforts of governments around the globe to address the threats that AI may pose. Those threats include the potential risks to civil liberties and privacy, as well as human rights, occasioned by government use of AI. Officials are also challenged by a growing

criminal use of AI. Understanding the change of government focus on AI control can help guide police agencies in their AI use.

THE 2023 WATERSHED

The end of 2022 saw the introduction of an AI solution that spurred worldwide interest in the application of AI to a range of processes. OpenAI's introduction of the Generative Pretrained Transformer chatbot commonly known as ChatGPT in November 2022 stimulated both public discussion and governmental action to address the question of control over this newly developed form of AI technology. ChatGPT utilizes large language models (LLMs) to generate new content. By March 2023, the architects of this new technology along with a "who's who" listing of researchers, company CEOs, and investors in the burgeoning AI industry were publicly raising concerns over potential adverse impacts of AI and the need for developing controls and guardrails in AI development and use.

As international interest in the utility of AI grew in 2023, government responses to AI concerns also grew. The beginning of 2023 saw the National Institute of Standards and Technologies (NIST) publish its *AI Risk Management Framework 1.0 (NIST AI RMF)*. This voluntary framework was designed to help organizations better understand issues in AI use and to mitigate internal threats to privacy and civil liberties

in their deployment of AI. Also during 2023, the General Accountability Office (GAO) issued three significant evaluations of U.S. federal government practices in AI use and procurement.

The last quarter of 2023 saw significant government actions in both the United States and the European Union (EU) around the issue of AI governance. In the end of October 2023, the White House issued the Executive Order on the Safe, Secure and Trustworthy Use and Development of Artificial Intelligence (E.O. 14110). The Congressional Research Service published an assessment of those measures in November 2023, and the GAO published another summary regarding federal use of AI. December saw the White House publication of a *Blueprint* for an AI Bill of Rights (the "Blueprint"). While E.O. 14110 largely impacts only federal use of AI, the concepts it seeks to advance are consistent with growing trends to ensure better governance over AI use. E.O. 14110 may have some direct impact on federally funded programs operated by state and local governments.

The 2023 attention of the U.S. federal government to the promise

and challenge of AI was paralleled by developments in the EU. The EU experience demonstrates the complexity of creating a legislative solution to regulate AI. In May 2023, just over two years after the European Commission submitted the proposal, the European AI Act was advanced to the final stage of negotiation, a process referred to as the political trilogues. The European Council, which represents all EU member states, had adopted a "General Approach" in December 2022. In early 2023, members of the European Parliament took extra time to add both new and stricter obligations on the use of generative AI and general purpose AI (GPAI) to the General Approach. It also wrestled with bans for certain AI applications like real-time remote biometric identification, which includes facial recognition in public spaces, and individual predictive policing.

The rapid pace at which AI is developing placed significant pressure on the negotiations between the European Council and the European Parliament, which kicked off in June 2023. Political trialogues, led by the country that is chair of the council, are part of the EU legislative process. The trialogue negotiations demonstrated the worldwide

challenges in governing rapidly expanding technology. In December, the political trialogue negotiations were completed after a record-breaking marathon session of 36 hours, resulting in a provisional agreement. The followup is the completion of the recitals and final wording for approval by the European Council and being voted on by the European Parliament. It is anticipated that the official text of the AI Act will be published in the Official Journal of the European Union in spring 2024. Most of the provisions of the AI Act will become applicable two years after its entry into force. Some of the prohibitions under the act will apply within six months, and GPAI provisions would be applicable within twelve months.

POLICE AI USE IN 2024 AND BEYOND

While none of the governmental actions taken regarding AI in 2023 offer specific mandates concerning state and local police use of AI, policing officials who ignore the growing trends to strengthen governance of AI do so at their peril. This is particularly true in an era where the police are looking to enhance public trust and confidence. Understanding the growing trends reflected in these actions will help in the crafting of policies and practices to manage AI use for public safety.

Looking at each of the major U.S. policy documents (i.e., the *NIST AI RMF*, E.O.14110, and the Blueprint) and developments with the European AI Act, some common issues are readily identified. These documents can serve to help departments in crafting a roadmap for AI use and policy development.

CONDUCTING INVENTORY AND RISK ASSESSMENT

Assessing the risks in AI use is central to the governance structures suggested by U.S. actions and mandated by the proposed EU AI Act. The *NIST AI RMF* offers police agencies a complete program to guide a risk assessment. Understanding the risks posed by specific AI applications allows agencies to evaluate the benefits of the AI



use arrayed against potential harms, particularly ones to individual privacy and fundamental rights.

Risk analysis on AI use potentially infringing on fundamental rights is a central tenet of the anticipated EU AI Act. The issue of the risk of harm potentially caused by AI affects the measures for any oversight of AI use. Simply put, the higher the risk of harm, the stricter the measures regulating AI use. In some circumstances, where the risk of harm is extremely high, the EU AI Act would ban the use of AI altogether. Those areas include AI use for behavioral manipulation, untargeted scraping of facial images, real-time remote biometric identification in public spaces with some exceptions for law enforcement, social scoring, emotion recognition in the workplace and educational institutions, biometric categorization that uses sensitive characteristics, and forms of individual predictive policing.

Significant debate in the trialogues focused on the police's use of AI products like facial recognition software in generalized public surveillance. Some advocates sought to impose an outright ban on such practices. In the end, the result of the trialogue process rejected an outright ban, but the use of such AI by police will be constrained significantly. Limitations include the severity of the crimes, the types of victims, and the existence of real or foreseeable threats.

While no outright ban on AI use is found in any of the U.S. government's approaches, the balancing of risk and harms is advocated as an essential component. That assessment cannot occur until the AI solutions that are currently used or proposed to be used by government agencies are identified. An essential element of both the NIST AI RMF and E.O. 14110 is that organizations conduct an assessment to identify their AI uses. E.O. 14410 mandates this assessment process for all U.S. federal agencies using AI. While those mandates do not apply to state and local governmental agencies, understanding where AI is being

utilized is a reasonable expectation and critical to government transparency.

Assessing government use of AI may be more difficult than it might appear at first. Frequently, an organization's use of AI is through software or services provided by third parties. In many cases, those third parties are reluctant to provide information about AI they utilize, claiming that the technology is proprietary and that disclosure may injure their competitive advantage.

CRAFTING PROTECTIONS FOR SAFE AI USE

Once the AI uses, including those embedded in systems, have been identified by an organization, the focus should shift to crafting policies and safeguards for the protection of individuals. The Blueprint offers an excellent starting point for the development of those measures. It outlines five principal areas of concern in AI use:

- Safe and Effective Systems
- Protection from Algorithmic Discrimination
- Data Privacy
- Notice and Explanation
- Human Alternatives, Considerations, and Fallback

Addressing these five issues should assist police policymakers in properly protecting individual rights. A review of these factors ensures that the use of AI is properly aligned to legitimate purpose and operating with equal application across demographic groups. They require assessment to guard against improper discriminatory biases in AI application. Recognizing that AI applications can involve sensitive personal information, the Blueprint requires the placement of safeguards to protect data at all stages (i.e., collection, storage, and use—including analysis and engagement).

These touchstones recognize that the use of AI is something that needs to be clearly communicated. Individuals need to understand the circumstances under which AI is to be applied and, where possible, be afforded the opportunity to opt-out

for such applications. There also is the recognition of the need for human oversight of AI applications and the ability to correct the outcome made by an errant AI application, particularly when this outcome is used for making decisions that have legal effect.

The factors for consideration on the human impacts of AI use align to the factors found in the proposed EU AI Act. These considerations are common to the many AI frameworks currently in use.

GUIDANCE FOR POLICE EXEC-UTIVES

Given the rapid development of AI capabilities and its expanding role, police leaders should consider the following measures with respect to AI use. These measures, while not currently mandated, are aligned with the growing trends in governmental regulation of AI use.

Clear Statement of Purpose in AI **Use**—AI users need to identify the goals or aims for the application of the technology. Like any other technology, leaders should assess and specify the problem the technology is helping to solve. How will the AI system be used and to what end? Without specifying a clear purpose, judging the safety and efficacy of a system is not possible. The clearly articulated purpose for AI use is the starting point for technology evaluation and all the policies to follow. This is a requirement for all the evaluative frameworks developed.

Risk Assessment Considering Human Impacts in AI Use—Risk assessments are also a commonly shared feature of the governance strategies outlined by the United States and EU. Those risk assessments are meant to paint a clear picture of the human impacts of AI use. Risk assessment must account for harm to individual civil liberties, a possible breach of human rights, and threats to personal privacy, as well as possible discriminatory effects. Special caution should be taken in evaluating the use of personally

identifiable information and around the protection of liberty or property interests of individuals. Assessing discriminatory impact is also crucial. Additionally, risk evaluation should also include assessment of risks attendant on a decision not to utilize AI solutions. Who will be harmed by non-use and what will be the effect of not using AI?

Establishing Processes for Technology Evaluation of AI Solutions—The capability of the technology to achieve the stated use purpose and the accuracy, efficacy, security, and bias of an AI tool must be assessed before **Establishing Human Review and Intervention Protocols**—One of the principal concerns regarding AI is that machine judgements will be substituted for human ones. This concern is particularly acute where the results of AI-supported decision-making impact issues like individual liberty or other fundamental rights. These concerns are best addressed by practices that include human review in both making individual decisions as well as ongoing programmatic review of AI use. Before critical decisions are made, there needs to be a "human in the loop." The central focus of AI use is to combine human strengths with

A focus on transparency is important to demystify AI and AI use. For that transparency to be meaningful, police agencies utilizing AI solutions need to understand exactly how those solutions work so their function and capabilities can be explained to the public. This phenomenon of "explainability" regarding AI use, along with open demonstration of the purpose and control over AI, are essential elements of the transparency necessary for building public trust.

Development of Formal Governance Structure and Policy—Governance of AI, like the governance of any tool utilized by the police, is an overarching concern addressed by recent worldwide government initiatives. Identifying key stakeholders and coordinating governance efforts through a defined structure is critical to a well-managed AI program. Those programs need to specifically address the measures outlined in the points articulated above.

Following these guidance principles, organizations will be able to establish AI use practices that are consistent with the growing trends in the regulation of AI use. More importantly, these practices will help to foster better community trust in the police's use of AI. The many governmental efforts looking to control AI provide police leaders with several different approaches to address this complex subject. O

The central focus of AI use is to combine human strengths with technology strengths to improve and increase predictable, positive, and more accurate outcomes. AI is best used to support human judgments, not replace them. 77

selection and implementation. It also needs to be monitored and reevaluated with continued use. Prior to adopting an AI solution, existing processes should be evaluated to set benchmarks. From these benchmarks, metrics should be developed to assess improvements. These metrics need to be reviewed continuously throughout the use of the AI process to ensure continued performance. They should be features in any ongoing agency audit program examining AI use and performance. In selecting technology, critical features for consideration must include transparency of software and APIs; software development to secure by design and secure by default standards; and human-in-the-loop design mechanisms. Governance and audit features also need to be built into the selected AI solution.

technology strengths to improve and increase predictable, positive, and more accurate outcomes. AI is best used to support human judgments, not replace them. Additionally, processes, including the use of clear metrics for human review in response to individually raised concerns, must be developed and implemented. This includes processes to remediate biases that may be identified in the AI system later.

Ensuring Transparency in AI

Use—Often, AI solutions are seen as "black boxes" with users having little understanding of the way in which the algorithms powering them are designed or operate. Exacerbating the lack of understanding is the fact that often the AI utilized by police organizations is created and operated by private concerns who seek to protect proprietary interest in their AI technologies.

IACP RESOURCES

- Law Enforcement Facial Recognition
 Use Case Catalog
- theIACP.org
- Better Days Ahead
- Exploring Al for Law Enforcement policechiefmagazine.org



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Questions can be directed to **Danielle Gudakunst** at **703.647.7321** or **dgudakunst@theiacp.org**.

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3617 131st Ave SE, Bldg One – 3rd Fl Bellevue, WA 98058 USA +1.571.436.9391 rick.goeden1@t-mobilecom www.t-mobile.com/connectingheroes

T3 Motion, Inc.

425 Klug Circle Corona, CA 92878 USA +1.951.737.7300 sales@t3motion.com www.t3motion.com

T4E Training: Umarex USA, Inc.

7700 Chad Colley Blvd Fort Smith, AR 72916 USA +1.479.646.4210 x 299 troy.gragg@umarexusa.com www.t4eguns.com

Tactical52

6931 Cawing Ct Columbia, MD 21045 USA +1.202.656.8455 abramskenny@gmail.com www.tactical52.com

Tactical Assault Specialist

19009 Ravenna Rd Chagrin Falls, OH 44023 USA +1.440.834.0696 craig@moreammo.net moreammo.net

Tactical Medical Solutions

1250 Harris Bridge Rd Anderson, SC 29621 USA info@tacmedsolutions.com www.tacmedsolutions.com







www.dewberry.com

Taramis Distributions

2858 Orioles St Mascouche, QC J7K 4E7 Canada +1.514.979.2123 taramisdistributions@yahoo.ca www.shark-helmets.com

Team Wendy

17000 Saint Clair Ave, Bldg 1 Cleveland, OH 44110 USA +1.216.738.2518 info@teamwendy.com www.teamwendy.com

Telesteps

9320 4th Ave S Seattle, WA 98108 USA +1.801.850.1413 shawn@regalideas.com telestepsworldwide.com

Thomson Reuters

610 Opperman Dr Eagan, MN 55123 USA +1.800.328.4880 scott.smothers@tr.com tr.com/clear-law-enforcement

Ti Training LE

4680 Table Mountain Dr, Ste 150 Golden, CO 80403 USA +1.303.414.3556 info@titraining.com www.titraining.com

TOMAR Electronics

2100 W Obispo Ave Gilbert, AZ 85233 USA +1.480.497.4400 sales@tomar.com www.tomar.com

Torfino Enterprises, Inc.

12520 Capital Blvd, Ste 401-112 Wake Forest, NC 27587 USA +1.800.867.3466 info@torfino.com www.torfino.com

Total Intelligence Group, Inc. (TIG)

5659 Strand Ct, Ste 106 Naples, FL 34110 USA +1.800.374.8402 contact@totalintelligencegroup.com www.totalintelligencegroup.com

Total Security Solutions

170 National Pk Dr Fowlerville, MI 48836 USA +1.517.223.7807 cmobley@tssbulletproof.com tssbulletproof.com

TowPro

1825 S 200 W Kaysville, UT 84037 USA towpro.io

Track Star International, Inc.

8801 J.M. Keynes Dr, Ste 260 Charlotte, NC 28262 USA +1.800.661.3515 sales@trackstar.com www.trackstar.com

TrainCy

Tel Aviv 7405749 Israel www.traincy.com

Transcend Robotics

San Diego, CA, USA +1.813.990.9137 ron.rogers@transcendrobotics.com www.transcendrobotics.com

Trikke Professional Mobility

132 Easy St, Ste D1 Buellton, CA 93427 USA +1.877.487.4553 sales@trikke.com trikkemobility.com

Tuffy Security Products

25733 Road H Cortez, CO 81321 USA +1.800.348.8339 sales@tuffyproducts.com www.tuffyproducts.com

Tufloc

1406 Fifth St SW Canton, OH 44702 USA +1.800.321.0870 info@esmet.com www.tufloc.com

Two Technologies

419 Sargon Way, Ste G Horsham, PA 19044 USA +1.215.441.5305 bhiner@2t.com www.2t.com

TXI Systems, Inc.

PO Box 5695 Chattanooga, TN 37406 USA +1.423.664.1302 jeff.pesnell@txisystems.com www.towxchange.net

U.S. Cellular

8410 W Bryn Mawr Ave Chicago, IL 60631 USA +1.866.616.5587 leckardt@themxgroup.com uscellular.com/business/publicsafety

Unity Design Studio

138 Simcoe St Peterborough, ON K9H 2H5 Canada unitydesignstudio.ca

Universal Boot

11450 Cote-de-Liesse Dorval, QC H9P 1A9 Canada +1.888.354.5699 x 201 Fax: +1.514.631.4114 eperlman@universalboot.com universalboot.com

University of Cincinnati Online

Edwards One 3110, 45 W Corry Blvd MLC 0208 Cincinnati, OH 45221 USA +1.833.556.7600 onlinerecruitment@uc.edu online.uc.edu/criminal-justice-programs

University of Louisville Department of Criminal Justice

2301 S 3rd St, Brigman Hall Louisville, KY 40292 USA +1.502.852.6567 mailcj@louisville.edu louisville.edu/justice

University of San Diego

5998 Alcala Park San Diego, CA 92110 USA +1.619.260.4580 criminaljustice@sandiego.edu criminaljustice.sandiego.edu

University of Virginia School of Continuing & Professional Studies

104 Midmont Ln Charlottesville, VA 22904 USA +1.434.982.5292 cmf6n@virginia.edu www.scps.virginia.edu

V-Armed

1001 6th Ave New York, NY 10018 USA +1.708.408.1149 paul@v-armed.com www.v-armed.com

Vector Solutions

4890 W Kennedy Blvd, Ste 300 Tampa, FL 33609 USA +1.800.840.8046 lawenforcement@vectorsolutions.com www.vectorsolutions.com/lawenforcement

Verco Materials LLC

871 Wheeler St NW Atlanta, GA 30318 USA +1.404.872.9504 sales@vercomaterials.com www.vercomaterialsllc.com

Verint

175 Broadhollow Rd, Ste 100 Melville, NY 11747 USA +1.800.483.7468 info@verint.com www.verint.com

Veritone. Inc.

575 Anton Blvd, Ste 100 Costa Mesa, CA 92677 USA +1.888.507.1737 info@veritone.com www.veritone.com

DIRECTORY

Verizon

1 Verizon Way
Basking Ridge, NJ 07920 USA
+1.908.559.3393
melissa.frazier@verizonwireless.com
enterprise.verizon.com/solutions/public
-sector/public-safety

Versaterm

1 N MacDonald, Ste 500 Mesa, AZ 85201 USA +1.866.729.2947 www.yersaterm.com

Vidsys

8219 Leesburg Pike, Ste 250 Vienna, VA 22182 USA +1.703.883.3730 jgill@vidsys.com www.vidsys.com

VIQ Solutions|Net Transcripts

3707 N 7th St, Ste 320 Phoenix, AZ 85014 USA +1.800.942.4255 sales@viqsolutions.com www.viqsolutions.com

Viridian Weapon Mounted Cameras

5475 Pioneer Creek Dr Maple Plain, MN 55359 USA +1.800.990.9390 kevin@viridianlawenforcement.com gun-camera.com

VirTra

7970 S Kyrene Rd Tempe, AZ 85284 USA +1.800.455.8746 info@virtra.com www.virtra.com

Virtual Academy

317 S Lindell St Martin, TN 38237 USA +1.844.381.2134 sales@virtualacademy.com www.virtualacademy.com

VisioLogix Corporation

6100 Corporate Dr, Ste 234 Houston, TX 77036 USA +1.713.590.4539 info@visiologix.com www.visiologix.com

Vollee

12503 Bel Red Rd Bellevue, WA 98005 USA www.vollee.ai

VTO Labs

325 Interlocken Pkwy, Bldg C Broomfield, CO 80021 USA +1.303.876.7649 info@vtolabs.com www.vtolabs.com

WCCTV

866 Presidential Dr, Ste 406 Richardson, TX 75081 USA +1.877.805.9475 sales@wcctv.com www.wcctv.com

West Networks

2404 NW 43rd St Gainesville, FL 32606 USA +1.352.316.7701 tim@wnetworks.com wnetworks.com

Williams Architects

500 Park Blvd, Ste 800 Itasca, IL 60143 USA www.williams-architects.com

Wilson Electronics

2890 East Cottonwood Pkwy, Ste 200 Cottonwood Heights, UT 84121 USA +1.435.673.5021 support@wilsonelectronics.com www.wilsonelectronics.com

WiredBlue

300 Andover St Peabody, MA 01960 USA +1.855.595.1411 info@wiredblue.co wiredblue.co

Wondries Fleet Group

1601 W Main St Alhambra, CA 91801 USA +1.626.457.5590 buzzard5150@gmail.com www.wondries.com

Workspace Tecchnology, Inc.

912 N US Hwy 41 Ruskin, FL 33570 USA +1.800.685.0893 billp@workspacetechnology.com workspacetechnology.com

Wrap Technologies, Inc.

1817 W 4th St Tempe, AZ 85281 USA +1.800.583.2652 judah@wrap.com wrap.com

Zebra Technologies

3 Overlook Point Lincolnshire, IL 60069 USA +1.877.208.7756 inquiry4@zebra.com www.zebra.com

Zephyr Drone Simulator

155 Robin Rd Christiansburg, VA 24073 USA +1.571.621.2039 bchehreh@littlearms.com zephyr-sim.com

Zero Motorcycles

380 El Pubeblo Rd Scotts Valley, CA 95066 USA +1.866.679.3405 fleetsales@zeromotorcycles.com zeromotorcycles.com/fleet-police-security

Zistos Corporation

1736 Church St Holbrook, NY 11741 USA +1.631.434.1370 info@zistos.com zistos.com

ZOLL Medical

269 Mill Rd Chelmsford, MA 01824 USA +1.978.421.9655 info@zoll.com www.zoll.com

2024 BUYERS' GUIDE

CATEGORY LISTING

KEY

Advertiser IACP Partner

ADMINISTRATION

Agency standards

Alcohol/drug education products

Architects/designers

Assessment centers

Associations

Awards/medals/plaques

Coins

Community programs

Conferences, educational

Consultants

Detention/jail equipment

Filing/storage systems

Financial services

Lockers

Medallion holders

Office equipment/supplies

Parade equipment

Patches

Physical fitness/gym equipment

Policy/procedure materials

Public education materials

Robots/public service

Safes/vaults/locks

Translation services

COMMUNICATIONS

Amplifiers/bridges/filters/multiplex systems

Antennas

Batteries

Battery chargers/analyzers

Consoles

Dispatch systems, E911/CAD

Headsets

Interoperability

Interview Recording

Mobile communications/MDTs

Mobile devices (smartphones, tablets)

Mounting equipment/hardware

Public address equipment

Radio accessories

Recorders, audio

Repeaters

Scanners

Surveillance

Switching/control equipment

Tape/storage equipment

Telephone

Weather notification

COMPUTERS

911/E911

AFIS

Arrest/booking

Artificial intelligence

Asset management

Automatic vehicle locators

Case management

Cloud services

Communications management

Community policing

Computer accessories

Computer-aided dispatch

Crime analysis

Crime scene analysis

Custom software

Data mining

Data recovery

Domestic violence tracking

Emergency management

Facial composite kits

Facial recognition

Fleet management

Forensics

Gang tracking

Geographic information

GPS

Gunshot location

Image search and analysis

Incident-based reporting system

Information sharing/NCIC

Intelligence-led policing

Internet services

Investigative

License plate recognition

Mapping

Mobile devices

Narcotics investigation

Networks

Online services

Peripherals

Personnel management/scheduling

Photo identification

Portable/in-car

Predictive policing

Property/evidence management

Records management

Report writing

Terrorism

Touch screen computers, kiosks

Towing management

Traffic crash investigation

Traffic/parking violation management

Training

Uniform crime reports

Video analysis & enhancement

Warrant records

Weapon tracking

EMERGENCY RESPONSE

Alarms/evacuation

Ambulances/accessories

Defibrillators

First aid products

Flares/guns/cases

Flashers

Gas detectors

Hazardous materials equipment

Hospital equipment

Lights, emergency

Rescue/disaster equipment

HUMAN RESOURCES

Departmental promotions

Employee wellness

Identification, personnel

Personnel screening/testing

Personnel/recruitment

Treatment services, chemical dependency/ stress

INVESTIGATION

Biometrics equipment

Cameras, digital

Cameras, surveillance

Cameras, video

Countermeasure devices

Crime scene clean up

Crime scene processing equipment

Digital Evidence Management (DEMS)

DNA test kits

DNA testing services

Evidence collection

Evidence storage/security

Evidence, currency processing

Explosive detection systems

Fingerprint kits

Forensic DNA testing services

Forensic test equipment/kits

Gunshot residue test kits

Laboratory equipment/supplies

Lights, special purpose

Marine/diving equipment

Surveillance equipment

Thermal imaging systems Tracking devices

Unmanned aerial systems (UAS)

Voice analysis

CATEGORY LISTING

SECURITY

Access control devices/systems

Alarm systems/intrusion detection systems

Bullet-resistant glass/plastic

Cameras, CCTV/security

Communications security systems

Deterrent systems

ID systems/badges

Metal/weapon detectors

Security devices/systems

TACTICAL & PROTECTIVE EOUIPMENT

Armored shields

Ballistic materials

Barricades

Body armor

Bomb detection

Bomb disposal

Cameras, body-worn

Cases, protective

Chemical munitions

Entry devices

Gas masks/accessories

Goggles, safety

Gun retention devices

Helmets

Infectious disease protection equipment

Lock-opening devices

Personal protective devices

Personal protective equipment

Post disaster recovery

Restraint/defense devices

Robots, tactical

TRAFFIC ENFORCEMENT

Alcohol/drug detection devices

Collision reporting services

E-Citation

Measuring devices

Parking enforcement equipment

Pedestrian safety equipment

Red light cameras

Signs

Speed cameras

Speed detection equipment

Tire deflation devices

Traffic control systems

Traffic markers/cones/flashers

Traffic ticket forms

TRAINING

Books/manuals/periodicals

Courses/schools/seminars

Crime prevention

Defensive tactics training

Devices/aids, training

Distance learning

DNA

Driver training

Emergency medical devices training

Equipment, training

Firearms training

Forensics

Graduate and undergraduate degrees

Homeland security

Interrogation/investigation training

Law enforcement schools

Legal training

Management training

Media training

Polygraph training

Rescue training

Simulation-based training

Tactical training

Virtual reality

TRANSPORTATION

Auto parts

Bicycles

Boats/accessories

Command centers, mobile

Helicopters

Lights, mounted

Motorcycles/accessories

Mounting hardware

Partitions/screens/shields

Push bumpers

Recording systems, in-car

Sirens

Theft prevention devices

Trunk organizers

Vehicle accessories

Vehicle modification/custom design

Vehicle tracking systems

Vehicles, patrol

Vehicles, prisoner transport

Vehicles, special purpose

Vehicles, SWAT

UNIFORMS & GEAR

Badges/shields/cases

Duty equipment, accessories Emblems/insignia/nameplates

Eyewear

Flashlights

Footwear

Gloves

Handbags/purses

Name badges

Special apparel

Uniform accessories

Uniform pants/shirts/skirts

Uniforms, custom design

Uniforms, riot/SWAT

WEAPONS

Batons/baton carriers

Cleaning equipment

Firearms

Grips

Holsters

Knives

Less-lethal weapons

OC/pepper spray

Scopes/sights

Shooting ranges/equipment

Storage/security

Weapon accessories

ADMINISTRATION

AGENCY STANDARDS

Lexipol

PowerDMS by NEOGOV

30x30 Initiative

Blue to Gold Law Enforcement **Training**

Charles C Thomas Publisher Ltd.

Corporate IT Systems Ltd.

ECL2 Technology Solutions

eSOPH by Miller Mendel, Inc.

Extra Duty Solutions

FirstForward

International Association of Chiefs of Police (IACP)

mResilience

NOWHERETOHIDE.ORG

Off Duty Management

Public Safety Software Group

Sierra Pacific Software LLC

SmartForce

Stono Group LLC, The

Vector Solutions

ALCOHOL/DRUG EDUCATION **PRODUCTS**

ADVANTAGECARE. Inc.

Charles C Thomas Publisher Ltd.

DetectaChem

Innocorp Ltd.

Intoximeters

JPMA-Staff Development

Solutions LLC

Real Identities/www.ID.training

ARCHITECTS/DESIGNERS

Dewberry

Architects Design Group

Arrington Watkins Architects

Brinkley Sargent Wiginton Architects

Clark Nexsen

Moyer Associates, Inc.

MT2 Firing Range Services

Redstone Architects, Inc.

Scott Brownrigg

Unity Design Studio

Williams Architects

Workspace Technology, Inc.

ASSESSMENT CENTERS

CertifyFit.com

Charles C Thomas Publisher Ltd. International Association of Chiefs of Police (IACP)

ASSOCIATIONS

Airborne Public Safety Association, Inc.

Apex Mobile

ASIS International

International Association of Chiefs of Police (IACP)

International Police Mountain Bike Association (IPMBA)

AWARDS/MEDALS/PLAQUES

Coins by Catania

Dragon Lazer

EPoliceSupply.com

Insignia Industries LLC/pinsinc.com PoliceAroundTheWorld.com

SymbolArts

COINS

Coins by Catania

Insignia Industries LLC/pinsinc.com

SymbolArts

COMMUNITY PROGRAMS

Matthew Shepard Foundation

49 North, A Division of Techwerks LLC Apex Mobile

CRIMEWATCH Technologies, Inc.

Innocorp Ltd.

LexisNexis Risk Solutions - Criminal Investigations

My Police Department

Reserve Component Transition Assistance

Robotronics

RollKall

Stono Group LLC, The

Simsi, Inc.

WiredBlue

CONFERENCES, EDUCATIONAL

Matthew Shepard Foundation

ADVANTAGECARE, Inc.

Airborne Public Safety Association, Inc.

ASIS International

Campus Safety Conference

Charles C Thomas Publisher Ltd.

FranklinCovey Co.

Gray's Trauma-Informed Care Services Corp.

International Association of Chiefs of Police (IACP)

International Critical Incident Stress Foundation

Institute of Police Technology and Management (IPTM)

JPMA-Staff Development Solutions LLC

Leaders Helping Leaders Network

Police Security Expo

PRI Management Group

Revelations Training and Investigations

Rhonda M. Glover Group LLC, The Stono Group LLC, The

CONSULTANTS

30x30 Initiative

911Insight

Accenture

ADVANTAGECARE, Inc.

Airhorne Public Safety

Association, Inc.

Architects Design Group

Blue to Gold Law Enforcement Training

Civil Defense Supply, Inc.

CRH Analysis Consulting, Inc.

FranklinCovey Co.

Futurum Consultancy and Training

Infomagnetics Technologies, Inc. Issured Ltd.

International Association of Chiefs

of Police (IACP) **IXP** Corporation

Leaders Helping Leaders Network

LexisNexis Risk Solutions - Criminal Investigations

Moyer Associates, Inc.

MTG Management Consultants LLC

National Public Safety Group

NOWHERETOHIDE.org

Polygraph Institute, The

Redstone Architects, Inc.

Revelations Training and Investigations

Rhonda M. Glover Group LLC, The

SafeCities

Schedule Express by Informer Systems

Scott Brownrigg

SimpleCleanz LLC

Stanard & Associates, Inc.

Stono Group LLC, The

DETENTION/JAIL EQUIPMENT

Civil Defense Supply, Inc.

DSA Detection Elmridge Protection Humane Restraint Co., Inc.

Lakota Software Solutions

Lava Group, The

MGS LLC

Peerless Handcuff Company

Pro-gard Products

PROSpike

SteraMist by TOMI

SpiderCuff USA LLC

Visual Labs

FILING/STORAGE SYSTEMS

EdgeCo America

Envisage Technologies

FirstForward

GeoSpatial Technologies, Inc.

iLockerz Ltd.

PlanIt Schedule

TowPro

Workspace Technology, Inc.

FINANCIAL SERVICES

Blockchain Intelligence Group

Extra Duty Solutions

GrantFinder

PoliceGrantsHelp

Off Duty Management

Salsbury Industries - Lockers.com

EdgeCo America iLockerz Ltd.

MGS LLC

Real Time Networks, Inc.

Tufloc

Workspace Technology

MEDALLION HOLDERS

Insignia Industries LLC/pinsinc.com

OFFICE EQUIPMENT/SUPPLIES

DreamSeat Durabook Americas Inc.

EvaClean Infection Prevention

Solutions by EarthSafe

Fisher Space Pen Co. Government Leasing Law Enforcement, LLC

Lakota Software Solutions PlanIt Schedule

PARADE EQUIPMENT Eiseman-Ludmar Co., Inc. Robotronics

PRODUCTS & SERVICES

PATCHES

Coins by Catania Insignia Industries LLC/pinsinc.com SymbolArts

PHYSICAL FITNESS/GYM EQUIPMENT

Biosound Therapy Systems CertifyFit.com

Stryker – Emergency Care/Public Access

POLICY/PROCEDURE MATERIALS

Lexipol

PowerDMS by NEOGOV

30x30 Initiative ADVANTAGECARE, Inc. Charles C Thomas Publisher Ltd. Extra Duty Solutions International Association of Chiefs

of Police (IACP)

JPMA-Staff Development Solutions LLC

mResilience

National Center for Missing & Exploited Children

NOWHERETOHIDE.org
Off Duty Management
Planit Schedule
Public Safety Software Group
TowPro

PUBLIC EDUCATION MATERIALS

30x30 Initiative

Blockchain Intelligence Group Charles C Thomas Publisher Ltd. CRIMEWATCH Technologies, Inc.

Gray's Trauma-Informed Care Services Corp.

JPMA-Staff Development Solutions LLC

National Center for Missing & Exploited Children

Robotronics

ROBOTS/PUBLIC SERVICE

Bounce Imaging

ICOR Technology, Inc.

MGS LLC

Robotronics

Transcend Robotics

SAFES/VAULTS/LOCKS

Big Sky Racks, Inc.

GOSAFE Technology, Inc.

iLockerz Ltd.

LEID Products

Real Time Networks, Inc.

Seahorse Protective Equipment

Cases

Tuffy Security Products
Tufloc

TRANSLATION SERVICES

HD Barcode LLC LanguageLine Solutions VIQ Solutions | Net Transcripts

COMMUNICATIONS

AMPLIFIERS/BRIDGES/FILTERS/ MULTIPLEX SYSTEMS

Government Leasing Law Enforcement LLC

OTTO Engineering

Wilson Electronics

ANTENNAS

Brite

Cinetcomm LLC

Government Leasing Law Enforcement LLC

JVCKENWOOD

Metamaterial, Inc. (META)

Nightingale Security

Rohde & Schwarz USA, Inc.

BATTERIES

ASP, Inc.

Brite

JVCKENWOOD

MGS LLC

BATTERY CHARGERS/ANALYZERS

Geotab, Inc.

Intoximeters

JVCKENWOOD

CONSOLES

Blueline Sensors LLC

Brite

GFX Law

Government Leasing Law

Enforcement LLC

Havis, Inc.

Premier face recognition technology

for fast and accurate video investigations



Cognitec develops market-leading face recognition technologies for facial image database search, recorded video investigation, real-time video screening and people analytics, and border control. www.cognitec.com | sales@cognitec.com

FaceVACS-DBScan LE enables the import of video and image material, and a detailed search and evaluation of the extracted facial images.

Faces of the same person, when found in multiple videos and image files, are clustered into one identity.

Using face recognition shortens investigation times from days and hours to just a few minutes!



JVCKENWOOD

Kaldor Emergency Lights LLC Leonardo/LMR Solutions

Nightingale Security

DISPATCH SYSTEMS, E911/CAD

CentralSquare

Computer Information Systems (CIS)

GeoSpatial Technologies, Inc.

Hexagon Safety & Infrastructure

Integrated Computer Systems (ICS)

Intrado - Life & Safety

JVCKENWOOD

Kyocera International, Inc.

Logistic Systems, Inc. (LogiSYS)

Mark43

National Public Safety Group

NCL Government Capital

Oracle

Sun Ridge Systems, Inc.

TowPro

HEADSETS

Earphone Connection, Inc.

Invisio

Kyocera International, Inc.

OTTO Engineering

Pryme Radio Products

Setcom Corporation

Taramis Distributions

INTEROPERABILITY

Cinetcomm LLC

Deiero

DigitalBlue Software LLC

Drakontas

Envisage Technologies

FirstNet Built with AT&T

GeoSafe

Geotab, Inc.

Kvocera International, Inc.

Leonardo/LMR Solutions

Logistic Systems, Inc. (LogiSYS)

Sprint

Sun Ridge Systems, Inc

Utility, Inc.

Verizon

INTERVIEW RECORDING

Issured Ltd.

MaestroVision

Pro-Vision Video Systems

MOBILE COMMUNICATIONS/MDTS

AED | Patrol PC

Audax USA

Brite

Cinetcomm LLC

Computer Information

Systems (CIS)

ComSec LLC

Dejero

Dell Technologies

Drakontas

Identiv

Geotab, Inc.

Logistic Systems, Inc. (LogiSys)

NetWatch Global

Panasonic System Solutions

Company

Regroup

SaltDNA

Securcube

SmartForce

Sun Ridge Systems, Inc.

T-Mobile for Government

U.S. Cellular

Utility, Inc.

Zebra Technologies

MOBILE DEVICES (SMARTPHONES, TABLETS)

Apex Mobile

Bounce Imaging

Cyan Forensics

D & R Electronics Ltd.

Dell Technologies

DigitalBlue Software LLC

DragonForce

Drakontas

Durabook Americas, Inc.

ElcomSoft Co. Ltd.

FirstNet Built with AT&T

Identiv

Invisio

Kyocera International, Inc.

LiveView Technologies

Panasonic System Solutions

Company

PrintekMobile

Regroup

Rohde & Schwarz USA, Inc.

Samsung Electronics America

Seiko Instruments USA, Inc.

SmartForce

Sonim Technologies

Sprint

T-Mobile for Government

Two Technologies

U.S. Cellular

Utility, Inc.

VisioLogix Corporation

Zebra Technologies

MOUNTING EQUIPMENT/ HARDWARE

AED | Patrol PC

Brite

BWC Solutions, Inc.

D & R Electronics Ltd.

Panasonic Systems Solutions Company

PUBLIC ADDRESS EQUIPMENT

Federal Signal

Genetec

Nightingale Security

Regroup

Superhailer

RADIO ACCESSORIES

Boston Leather, Inc.

Earphone Connection, Inc.

Federal Signal

Invisio

LiveView Technologies

MGS LLC

OTTO Engineering

Pryme Radio Products

Seahorse Protective Equipment

Setcom Corporation

Sonim Technologies

Verizon

RECORDERS, AUDIO

Blueline Sensors LLC

Bounce Imaging

Equature

IP Video Corp.

MaestroVision NICE Public Safety & Justice

Sentinel Camera Systems

Utility, Inc.

Visual Labs

REPEATERS

Leonardo/LMR Solutions Nightingale Security

Wilson Electronics

SCANNERS AED|Patrol PC

ComSec LLC

Directflight Ltd. t/a Airtask Group Kyocera International, Inc.

L-Tron

Rapid Scan 3D

Rohde & Schwarz USA, Inc.

Securcube

Verizon

Zebra Technologies

SURVEILLANCE

Aardvark Tactical

Amped Software USA, Inc.

Area Systems UK

Audax USA

Axis Communications

BIRD Aerosystems

Blueline Sensors LLC

BWC Solutions, Inc.

ComSec LLC

DSC Laboratories

Drakontas

Earphone Connection, Inc. **Futurum Consultancy and Training**

Industrial Video & Control

InterMotive Vehicle Controls

Lakota Software Solutions Live Earth

LiveView Technologies

MaestroVision NetWatch Global

OTTO Engineering

ProTecht Solutions Partners

Pro-Vision Video Systems

Rohde & Schwarz USA, Inc.

RT LTA Systems Ltd.

Safety Vision

Security Lines US

Trikke Professional Mobility

Verizon

Vidsys WCCTV

SWITCHING/CONTROL **EQUIPMENT**

InterMotive Vehicle Controls

TAPE/STORAGE EQUIPMENT

iStorage Seahorse Protective Equipment Cases

TELEPHONE

Cinetcomm LLC

Kyocera International, Inc.

NCL Government Capital U.S. Cellular

Verizon

West Networks

POLICE CHIEF * APRIL 2024

COMMUNITY POLICING

PRODUCTS & SERVICES

WEATHER NOTIFICATION

Federal Signal LiveView Technologies

My Police Department

Regroup

WiredBlue

COMPUTERS

911/E911

Dejero

DigitalBlue Software LLC

Durabook Americas, Inc.

GeoSpatial Technologies, Inc.

Government Leasing Law

Enforcement LLC

Intrado - Life & Safety

Kyocera International, Inc.

Sun Ridge Systems, Inc.

AFIS

IDEMIA

Lakota Software Solutions Sun Ridge Systems, Inc.

ARREST/BOOKING

Computer Information Systems (CIS)

HID Global

IDEMIA

IDI

Integrated Computer Systems (ICS)

Oracle

ARTIFICIAL INTELLIGENCE

Caseify, Inc.

Cognyte

Accenture

Blockchain Intelligence Group

Carahsoft Technology Corp.

Citadel Defense

Common Caches

Dejero

First Alert powered by Dataminr

Flare Bright

Flashpoint

Geotab, Inc.

Hexagon Safety & Infrastructure

IDEMIA

Kaseware, Inc.

LexisNexis Risk Solutions - Criminal

Investigations

Microsoft

Phonexia

Priority Dispatch

Rapid Scan 3D

Recon Police Bikes

RGB Spectrum

Utility, Inc.

Veritone, Inc.

VIQ Solutions | Net Transcripts

Vollee

ASSET MANAGEMENT

Asset Reality

Collective Data, Inc.

Drakontas

ECL2 Technology Solutions

Geospatial Technologies, Inc.

Geotab, Inc.

GTS (Global Technology Systems)

Live Earth

LEID Products

Operative IQ

Orion Communications

Real Time Networks, Inc.

Progressive Microtechnology, Inc.

SmartForce

StarChase LLC

Track Star International, Inc.

Utility, Inc.

Zebra Technologies

AUTOMATIC VEHICLE LOCATORS

Brite

D & R Electronics Ltd.

DigitalBlue Software LLC

GeoSafe

Nex Computers, Inc.

Pi-Lit

Securcube

Track Star International, Inc.

Utility, Inc.

CASE MANAGEMENT

Caseify, Inc.

Cognyte

PowerDMS by NEOGOV

Versaterm

Asset Reality

Blockchain Intelligence Group

BWC Solutions, Inc.

CentralSquare

CrimeCenter

CrimeSoft, Inc.

Detego by MCMSolutions

ECL2 Technology Solutions

Foray Technologies

GeoSpatial Technologies, Inc.

Kaseware, Inc.

NOWHERETOHIDE.org

Omnilink, A Sierra Wireless Solution

OpenText

PenLink

Regroup

ShotSpotter

Sun Ridge Systems, Inc.

Vector Solutions

CLOUD SERVICES

PowerDMS by NEOGOV

Accenture

ALEN, Inc.

All Traffic Solutions

CrimeCenter

ElcomSoft Co. Ltd.

Envisage Technologies

ERAD Group

InTime

iStorage

Kaseware, Inc.

Kustom Signals, Inc.

LexisNexis Risk Solutions - Criminal

Investigations

Microsoft

NASPO ValuePoint

Off Duty Management

Orion Communications

PoliceApp.com

PowerDMS

Proactive Risk, Inc.

Public Safety Software Group

Safety Vision

SaltDNA

ScheduleAnywhere

U.S. Cellular

Utility, Inc.

VIQ Solutions | Net Transcripts

VisioLogix Corporation

COMMUNICATIONS MANAGEMENT

COMMINION

911Insight Aladtec, Inc.

Dejero

FLIR Systems

Identiv

IXP Corporation

Kyocera International, Inc.

Live Earth

Panasonic System Solutions

Company

RGB Spectrum

SaltDNA

Vidsys

SmartForce

U.S. Cellular Utility, Inc.

LexisNexis Risk Solutions (LexisNexis Coplogic Solutions)

3SI Security Systems

49 North, A Division of Techwerks LLC Apex Mobile

Emesent

CRIMEWATCH Technologies, Inc.

LanguageLine Solutions

My Police Department

NOWHERETOHIDE.ORG

PoliceApp.com

Public Safety Software Group

RollKall

Simsi, Inc.

SmartForce

Verint WiredBlue

COMPUTER ACCESSORIES

D & R Electronics Ltd.

FMS Solutions LLC

Geotab, Inc.

iStorage

Seiko Instruments USA, Inc. West Networks

COMPUTER-AIDED DISPATCH

.....

ALEN, Inc.

Databouy Corporation

DigitalBlue Software LLC

Hexagon Safety & Infrastructure

Integrated Computer Systems (ICS)

Logistic Systems, Inc. (LogiSYS)

Mark43

National Public Safety Group

Nightingale Security

NOWHERETOHIDE.ORG

Oracle

RGB Spectrum West Networks

CRIME ANALYSIS

Cognyte

Emesent

Cobwebs Technologies

CRH Analysis Consulting, Inc.

ElcomSoft Co. Ltd.

ERAD Group
Face Forensics, Inc.

FARO

Flashpoint

Forensic Technology

i2 Group

Infomagnetics Technologies, Inc.

APRIL 2024 * POLICE CHIEF

IXP Corporation

Kaseware, Inc.

LexisNexis Risk Solutions - Criminal Investigations

Othram

PenLink

PRI Management Group

SmartForce

Total Intelligence Group, Inc. (TIG)

Vollee

CRIME SCENE ANALYSIS

Cyacomb Forensics

FARO

Forensic Technology

L-Tron

Omnilink, A Sierra Wireless Solution

OpenText

Othram

Rapid Scan 3D

CUSTOM SOFTWARE

Ferretly International, Inc.

Accenture

Asset Reality

Benchmark Analytics

Blockchain Intelligence Group

Corporate Systems Ltd.

CrimeCenter

Detail Kommander

Envisage Technologies

FRA Group

ElcomSoft Co. Ltd.

FirstForward

HD Barcode LLC

Lakota Software Solutions

Lava Group, The

LEFTA Systems

Microsoft

Priority Dispatch

Proactive Risk, Inc.

Saltus Technologies

ScheduleAnywhere

Sierra Pacific Software LLC

SmartForce

Thomson Reuters

Track Star International, Inc.

TXI Systems, Inc.

Virtual Academy

WiredBlue

DATA MINING

Accident Support Services International Ltd.

ARFA

Blockchain Intelligence Group CRH Analysis Consulting, Inc.

CRIMEWATCH Technologies, Inc.

DataWalk

Echosec Systems Ltd.

ElcomSoft Co. Ltd.

Flashpoint

Hexagon Safety & Infrastructure

LEFTA Systems

Simsi, Inc.

Vollee

DATA RECOVERY

Cyan Forensics

Detego By MCMSolutions

Flashpoint

VTO Labs

DOMESTIC VIOLENCE TRACKING

Flashpoint

Omnilink, A Sierra Wireless Solution

EMERGENCY MANAGEMENT

Emesent

Regroup

Apex Mobile

EAGL Technology, Inc.

CentralSquare

DragonForce

Federal Signal

First Alert powered by Dataminr

HD Barcode LLC

Industrial Video & Control

Integrated Computer Systems (ICS)

Pi-Lit

Priority Dispatch

RGB Spectrum

StarChase LLC

Vector Solutions

Verint

Versaterm

Vidsys

FACIAL COMPOSITE KITS

CMC Government Supply

FACIAL RECOGNITION

Common Caches

Emergency Services Group

International

Equature

Face Forensics, Inc.

HD Barcode LLC

HID Global

IDFMIA

Lakota Software Solutions

Nex Computers, Inc.

Nightingale Security

Panasonic i-PRO Sensing Solutions Corporation of America

Panasonic System Solutions

Company

Recon Police Bikes

Security Lines US

Veritone, Inc.

FLEET MANAGEMENT

Apex Mobile

BudgetGPS

Collective Data, Inc.

Common Caches

Durabook Americas, Inc.

ECL2 Technology Solutions

Global Traffic Technologies LLC

HAAS Alert

Real Time Networks, Inc.

Safety Vision

Sierra Pacific Software LLC

Sprint

T-Mobile for Government

Track Star International, Inc.

Vector Solutions

FORENSICS Emesent

Abbott

AdvanceDNA

Amped Software USA, Inc.

AXO Science

Blockchain Intelligence Group

Carahsoft Technology Corp.

ComSec LLC

Cyacomb Forensics

DATAPILOT

Detego by MCMSolutions

DME Forensics

Foray Technologies

Intoximeters

Kaseware, Inc.

Lakota Software Solutions

OpenText

Operative IQ

Othram

Phonexia

Proactive Risk, Inc.

Progressive Microtechnology, Inc.

VTO Labs

GANG TRACKING

Apex Mobile

Cobwebs Technologies

Flashpoint

i2 Group

Infomagnetics Technologies, Inc. Omnilink, A Sierra Wireless Solution

GEOGRAPHIC INFORMATION

Emesent

Apex Mobile

Carahsoft Technology Corp.

Cinetcomm LLC

CRH Analysis Consulting, Inc.

Drakontas

ElcomSoft Co. Ltd.

Flare Bright

GeoSpatial Technologies, Inc.

NetWatch Global

Simsi. Inc.

Sun Ridge Systems, Inc.

GPS

3SI Security Systems

AREA

BudgetGPS

CovertTrack, a 3SI Company

Dell Technologies

GeoSafe

GeoSpatial Technologies, Inc.

Off Duty Management

Omnilink, A Sierra Wireless Solution

Pi-Lit

Safety Vision

Sentinel Camera Systems

Silent Sentinel Ltd.

StarChase LLC

Track Star International, Inc.

GUNSHOT LOCATION Databouy Corporation

Kyocera International, Inc.

EAGL Technology, Inc.

ShotSpotter

Utility, Inc.

IMAGE SEARCH AND ANALYSIS

Cognyte Ferretly International, Inc.

Common Caches

Cyacomb Forensics

Cyan Forensics

Directflight Ltd t/a Airtask Group **DME Forensics**

Face Forensics, Inc. Focal Forensics

Flare Bright Flashpoint

Veritone. Inc.

Vollee

POLICE CHIEF * APRIL 2024

PRODUCTS & SERVICES

INCIDENT-BASED REPORTING SYSTEM

LexisNexis Risk Solutions (LexisNexis Coplogic Solutions)

Versaterm

ALEN, Inc. CentralSquare CrimeCenter

Computer Information Systems (CIS)

Databouy Corporation

ECL2 Technology Solutions

FirstForward

Global Traffic Technologies LLC

Guardian Tracking

Integrated Computer Systems

Live Earth

PRI Management Group

Utility, Inc.

Vidsys

VisioLogix Corporation

INFORMATION SHARING/NCIC

Common Caches

DigitalBlue Software

DragonForce

Drakontas

GeoSafe

 ${\tt GeoSpatial\ Technologies\ Inc.}$

Lakota Software Solutions

NOWHERETOHIDE.org

SmartForce

Utility, Inc.

INTELLIGENCE-LED POLICING

Cognyte Emesent

3SI Security Systems

AREA

Area Systems UK

Benchmark Analytics

Cobwebs Technologies

CRH Analysis Consulting, Inc.

Cyan Forensics

DataWalk

Echosec Systems Ltd.

Flare Bright

Futurum Consultancy and Training

i2 Group

Infomagnetics Technologies, Inc.

Issured Ltd.

My Police Department

Microsoft

NetWatch Global

Polygraph Institute, The

ShotSpotter

SmartForce

Total Intelligence Group, Inc. (TIG) Vollee

INTERNET SERVICES

FirstNet Built with AT&T

IDI

NetWatch Global

SmartForce

T-Mobile for Government

U.S. Cellular

Verizon

West Networks

INVESTIGATIVE

Cognyte

Versaterm

Accenture

AdvanceDNA

AREA

Area Systems UK

STREAMLINE YOUR INCIDENT REPORTS WITH CASEIFY, AN AI-POWERED CASE MANAGEMENT SYSTEM

Caseify is an Al-powered case management system designed to alleviate the heavy administrative burden of report writing for lawenforcement. Caseify's all-in-one design enables officers to effortlessly draft, organize, and share field notes, case files, and report narratives. Caseify leverages artificial intelligence to analyze case files such as audio recordings and generate detailed narratives based on their content. This technology streamlines report writing for law enforcement, freeing up resources to enhance police presence and strengthen community relationships. Let Caseify do the heavy lifting — download the mobile iOS app and enjoy your first month free with promo code IACP2024.



Caseify is a mobile software development company founded by US veterans and law enforcement working to develop technology-based solutions to cumbersome administrative processes for officers. By leveraging modern technology, Caseify aims to reduce the time officers spend on administrative tasks in hope to increase officer presence, reduce manning requirements, and ultimately dampen the strain of recruitment and retention issues on department personnel. Caseify stands as a beacon in the technological revolution of law enforcement, advocating for and implementing Al-driven tools that promise to redefine routine operations and foster a new era of efficiency and effectiveness in our police force.

www.caseify.app

2024 BUYERS' GUIDE

PRODUCTS & SERVICES

KEY

Advertiser IACP Partner

Carahsoft Technology Corp

CARFAX for Police

Cobwebs Technologies

CrimeCenter

Cyacomb Forensics

Cyan Forensics

DataWalk

Detego by MCMSolutions

DSC Laboratories

Echosec Systems Ltd.

Foray Technologies

INPUT-ACE

Issured Ltd.

Microsoft

NetWatch Global

NICE Public Safety & Justice

PenLink

Proactive Risk, Inc.

ShotSpotter

SIONYX

Thomson Reuters

LICENSE PLATE RECOGNITION

Leonardo/ELSAG LPR Solutions

All Traffic Solutions

Axis Communications

Brite

Equature

Flashpoint

Jenoptik

LensLock

Microsoft

NDI Recognition Systems

ProTecht Solutions Partners

Recon Police Bikes

Securcube

Thomson Reuters

Utility, Inc.

Veritone, Inc.

WCCTV

MAPPING

Emesent

LexisNexis Risk Solutions (LexisNexis Coplogic Solutions)

CRIMEWATCH Technologies, Inc.

Databouy Corporation

Dell Technologies

Echosec Systems Ltd.

Flare Bright

GeoSafe

Geotab, Inc.

Laser Technology, Inc.

Live Earth

PenLink

Securcube

Simsi, Inc.

StarChase LLC

MOBILE DEVICES

AED | Patrol PC

Bounce Imaging

Brother Mobile Solutions

Cyan Forensics

D & R Electronics Ltd.

Dell Technologies

DetectaChem

Durabook Americas, Inc.

FirstNet Built with AT&T

GTS (Global Technology Systems)

HID Global

Identiv

Intoximeters

Invisio

Kyocera International, Inc.

LiveView Technologies

Panasonic System Solutions

Company

Printek Mobile

POSH USA

Rohde & Schwarz USA, Inc.

Samsung Electronics America

Saltus Technologies

Seiko Instruments USA, Inc.

Sonim Technologies

T-Mobile for Government

Two Technologies

U.S. Cellular

Utility, Inc.

Verizon

VisioLogix Corporation

Zebra Technologies

NARCOTICS INVESTIGATION

Cognyte

908 Devices

CRIMEWATCH Technologies, Inc.

DetectaChem

Flashpoint

Futurum Consultancy and Training

i2Group

Intoximeters

Rigaku Analytical Devices

Sas R & D Services, Inc.

Sionyx

Swabtek

NETWORKS

Dejero

Durabook Americas, Inc.

Real Time Networks, Inc.

U.S. Cellular

Verizon

West Networks

ONLINE SERVICES

LexisNexis Risk Solutions (LexisNexis Coplogic Solutions)

ALEN, Inc.

Echosec Systems Ltd.

First Alert powered by Dataminr

GovQuest

GrantFinder

IDI

John Guilfoil Public Relations

JPMA-Staff Development

Solutions LLC

My Police Department

PlanIt Schedule

Police1

PoliceApp.com

PoliceGrantsHelp

PoliceOne Academy

Public Safety Software Group

SafeCities

Thomson Reuters

WiredBlue

PERIPHERALS

D & R Electronics Ltd.

Havis, Inc.

POSH USA

PrintekMobile

PERSONNEL MANAGEMENT/ **SCHEDULING**

PowerDMS by NEOGOV

Aladtec, Inc.

Detail Kommander

Emergency Services Group

International InTime

Orion Communications

PlanIt Schedule

Public Safety Software Group

Regroup

SafeCities

ScheduleAnywhere

Schedule Express by Informer Systems

Vector Solutions

PHOTO IDENTIFICATION

Emergency Services Group International

Face Forensics, Inc.

HD Barcode LLC

Littlite LLC

Progressive Microtechnology, Inc.

PORTABLE/IN-CAR

Brite

Durabook Americas, Inc.

I-Tron

Nightingale Security

PursuitAlert Digital Siren

Sentinel Camera Systems

SIONYX

PREDICTIVE POLICING

Benchmark Analytics

Futurum Consultancy and Training

Geotab, Inc.

i2 Group

LEFTA Systems

PROPERTY/EVIDENCE

MANAGEMENT

ALEN, Inc.

Brother Mobile Solutions BWC Solutions, Inc.

CrimeSoft, Inc.

DME Forensics

Foray Technologies

HALO Americas

Integrated Computer Systems

Mark43

NICE Public Safety & Justice Progressive Microtechnology, Inc.

Safe Fleet

RECORDS MANAGEMENT

911Insight Accident Support Services International Ltd.

Aladtec, Inc. ALEN. Inc.

Identiv

Computer Information Systems (CIS)

CrimeSoft, Inc. ECL2 Technology Solutions **Emergency Services Group**

International

Envisage Technologies Focal Forensics - Video Redaction

Services Hexagon Safety & Infrastructure

Infomagnetics Technologies, Inc. Integrated Computer Systems

policechiefmagazine.org

POLICE CHIEF * APRIL 2024

PRODUCTS & SERVICES

Laserfiche

Logistic Systems, Inc. (LogiSYS) Looseleaf Law Publications, Inc.

Mark43

Microsoft

National Public Safety Group

PenLink

PRI Management Group

Sierra Pacific Software LLC

Vector Solutions

Veritone, Inc.

VIQ Solutions | Net Transcripts

VisioLogix Corporation

Oracle

REPORT WRITING

Caseify, Inc.

Benchmark Analytics

Computer Information

Systems (CIS) CrimeSoft, Inc.

Futurum Consultancy and Training

Integrated Computer Systems (ICS)

Mark43

PRI Management Group

Securcube

VIQ Solutions | Net Transcripts

TERRORISM

Cognyte

AREA

Area Systems UK

Cobwebs Technologies

DetectaChem

Directflight Ltd. t/a Airtask Group

Emergency Services Group

International

Futurum Consultancy and Training

Rigaku Analytical Devices

Sas R & D Services, Inc.

Simsi, Inc.

TOUCH SCREEN COMPUTERS, KIOSKS

Cyan Forensics

Durabook Americas, Inc.

Microsoft

Nex Computers, Inc.

U.S. Cellular

TOWING MANAGEMENT

Sun Ridge Systems, Inc. TXI Systems, Inc.

TRAFFIC CRASH INVESTIGATION

Emesent

4N6XPRT Systems Accident Support Services International Ltd. Drakontas

FARO

Rapid Scan 3D

TRAFFIC/PARKING VIOLATION MANAGEMENT

Apex Mobile

Brother Mobile Solutions

Intoximeters

Kyocera International, Inc.

Nex Computers, Inc.

Nightingale Security

Two Technologies

TRAINING

PowerDMS by NEOGOV

Asset Reality

Benchmark Analytics

Collective Data, Inc.

COPS Training Portal

Envisage Technologies

ERAD Group

International Association of Chiefs

of Police (IACP)

Intoximeters

LEFTA Systems

PoliceOne Academy

PRI Management Group

Proactive Risk, Inc.

Public Safety Software Group

Sierra Pacific Software LLC

SIONYX

Vector Solutions

Zephyr Drone Simulator

UNIFORM CRIME REPORTS

Integrated Computer Systems

PRI Management Group

Sun Ridge Systems, Inc.

VIDEO ANALYSIS &. ENHANCEMENT

Cognyte

Amped Software USA, Inc.

BWC Solutions, Inc.

Cyacomb Forensics

DME Forensics

DSC Laboratories

Focal Forensics - Video Redaction

Services

iNPUT-ACE

LensLock

Nex Computers, Inc.

Panasonic Systems Solutions

Company

Safe Fleet

Safety Vision

Securcube

Security Lines US

Verint

Vidsys Vollee

WARRANT RECORDS

CrimeSoft, Inc.

Penl ink

WEAPON TRACKING

Geotab

iLockerz Ltd.

Flashpoint

LEFTA Systems

LEID Products

Operative IQ

Real Time Networks, Inc.

Vector Solutions

EMERGENCY RESPONSE

ALARMS/EVACUATION

Federal Signal

Kyocera International, Inc.

Nightingale Security

Superhailer

Telesteps

AMBULANCES/ACCESSORIES

Emergency Services Group International

Global Traffic Technologies LLC

GoodSAM (Instant.Help)

InterMotive Vehicle Controls

NCL Government Capital

TOMAR Electronics

DEFIBRILLATORS

Advanced Trauma Specialties LLC

Auvanceu na

Coro Medical GoodSAM (Instant.Help)

NASPO ValuePoint

Stryker – Emergency Care/Public

Access

ZOLL Medical

FIRST AID PRODUCTS

Advanced Trauma Specialties LLC

BCB International Ltd.

Coro Medical

DrvSee

NCL Government Capital

Tactical Medical Solutions

FLARES/GUNS/CASES

ZOLL Medical

Big Sky Racks, Inc.

Flare Bright

MGS LLC Pi-Lit

FLASHERS

D & R Electronics Ltd.

Pi-Lit

GAS DETECTORS

LION

HAZARDOUS MATERIALS EQUIPMENT

908 Devices

BRINC

DetectaChem

DQE

Federal Resources

MGS LLC

MT2 Firing Range Services

Rigaku Analytical Devices

Serstech

SteraMist by TOMI

VTO Labs

HOSPITAL EQUIPMENT

Coro Medical

DOE

EdgeCo America

Emergency Services Group

International

EvaClean Infection Prevention

Solutions by EarthSafe

GoodSAM (Instant.Help) SteraMist by TOMI

LIGHTS, EMERGENCY

LIGITIS, LIVI

ACRO Lights

Barrier By Design

BCB International Ltd. Code 3, Inc.

D & R Electronics Ltd.

Golight, Inc.

Guardian Angel Devices HAAS Alert

HEMCO Corporation

Kaldor Emergency Lights LLC Mountain Horse Solutions

NCL Government Capital

Pi-Lit

POLIFORCE
PursuitAert Digital Siren

Streamlight, Inc.
TOMAR Electronics

RESCUE/DISASTER EQUIPMENT

ACRO Lights

ANDE

Advanced Trauma Specialties LLC

Barrier By Design
BCB International Limited

Bounce Imaging

BRINC

Coro Medical

Dejero

DQE

Emergency Services Group International

Federal Resources

FLIR Systems

LDV, Inc.

MGS LLC

Nightingale Security

Pryme Radio Products

Ribcraft USA LLC

Ring Power Corporation

RT LTA Systems Ltd.

Seahorse Protective Equipment

Cases

Stryker - Emergency Care/Public Access

Superhailer

Tactical Medical Solutions

Telesteps

ZOLL Medical

HUMAN RESOURCES

DEPARTMENTAL PROMOTIONS

PowerDMS by NEOGOV

30x30 Initiative

Charles C Thomas Publisher Ltd.

Cordico

Guardian Tracking

Police Law Institute

Rhonda M. Glover Group LLC, The

Stanard & Associates, Inc.

EMPLOYEE WELLNESS

PowerDMS by NEOGOV

BeingFirst, Inc.

Cordico

EvaClean Infection Prevention Solutions by EarthSafe

International Association of Chiefs of Police (IACP)

Mindbase

mResilience

Reserve Component Transition Assistance

IDENTIFICATION. PERSONNEL

3SI Security Systems

HD Barcode LLC

Emergency Services Group International

iLockerz Ltd.

PlanIt Schedule

Reeves Company, Inc.

PERSONNEL SCREENING/TESTING

Ferretly International, Inc. PowerDMS by NEOGOV

ADVANTAGECARE, Inc.

CertifyFit.com

Cordico

eSOPH by Miller Mendel, Inc.

Guardian Testing

International Association of Chiefs of Police (IACP)

LanguageLine Solutions

Mindbase

NetWatch Global

PoliceApp.com

PolicePsyc.com

Stanard & Associates, Inc.

Swabtek

PERSONNEL/RECRUITMENT

Ferretly International, Inc. PowerDMS by NEOGOV

49 North, A Division of Techwerks LLC

CertifyFit.com

Cordico

Envisage Technologies

eSOPH by Miller Mendel, Inc.

International Association of Chiefs of Police (IACP)

MHS, Inc.

Mindbase

PlanIt Schedule

PoliceApp.com

PowerDMS

Performance Protocol

Rhonda M. Glover Group LLC, The

RollKall

Stanard & Associates, Inc.

Stono Group, The

Vector Solutions

TREATMENT SERVICES. CHEMICAL **DEPENDENCY/STRESS**

Biosound Therapy Systems

Cordico

mResilience

INVESTIGATION

BIOMETRICS EQUIPMENT

Cognitec

Emergency Services Group

International

Face Forensics, Inc.

HD Barcode LLC HID Global

IDEMIA

Lakota Software Solutions

Lava Group, The

POSH USA

Two Technologies

CAMERAS, DIGITAL

Genetec, Inc.

Axon **FARO**

Flock Safety

Halo Americas

Kyocera International, Inc.

LensLock

LensPen

L-Tron

OpenWorks Engineering Ltd.

Pro-Vision Video Systems

SIONYX

Viridian Weapon Mounted Cameras

CAMERAS, SURVEILLANCE

Cognitec

Genetec, Inc.

Amped Software USA, Inc.

Axis Communications

Audax USA

Bounce Imaging

Davidhorn

Directflight Ltd. t/a Airtask Group

DME Forensics

Flock Safety

Industrial Video & Control

INPUT-ACE

IXP Corporation

Kustom Signals, Inc.

LensLock

LiveView Technologies

Milestone Systems

NDI Recognition Systems

NetWatch Global

OpenWorks Engineering Ltd.

Pivot3 Safety Vision

Sentinel Camera Systems

Silent Sentinel Ltd.

SIONYX

WCCTV

CAMERAS, VIDEO

Cognitec

Genetec, Inc.

Axis Communications Bounce Imaging

Davidhorn

Flock Safety

Focal Forensics - Video Redaction Services

Halo Americas

Industrial Video & Control

INPUT-ACE

Kustom Signals, Inc.

Kyocera International, Inc.

LensPen

LiveView Technologies

Pivot3

ProTecht Solutions Partners

Pro-Vision Video Systems

RoadSys, Inc.

Safe Fleet (COBAN & Mobile-Vision)

Safety Vision

Sentinel Camera Systems

SIONYX

VIQ Solutions | Net Transcripts

Viridian Weapon Mounted Cameras

Visual Labs

WCCTV

Zistos Corporation

COUNTERMEASURE DEVICES

BIRD Aerosystems

Blueline Sensors LLC

ComSec LLC

DirectFlight Ltd. t/a Airtask Group EWS Ltd.

MGS LLC

OpenWorks Engineering Ltd.

Rigaku Analytical Devices CRIME SCENE CLEAN UP

AXO Science

CMC Government Supply **EvaClean Infection Prevention**

Solutions by EarthSafe **CRIME SCENE PROCESSING**

EQUIPMENT

AXO Science Barrier By Design

CMC Government Supply

DATAPILOT ecaptureDtech

Exterro

FARO Forensic Technology

Foster & Freeman

I-Tron

Laster Technology, Inc.

Lynn Peavey Company Rapid Scan 3D

PRODUCTS & SERVICES

DIGITAL EVIDENCE MANAGEMENT (DEMS)

Genetec, Inc.

CentralSquare Cyacomb Forensics

Davidhorn

Detego by MCMSolutions

ecaptureDtech

Exterro

Focal Forensics - Video Redaction

Services

Foray Technologies

Halo Americas

LensLock

Milestone Systems

DNA TEST KITS

CMC Government Supply Level Peaks Associates

DNA TESTING SERVICES

AdvanceDNA

ANDF

DNASolves

Innovative Forensic

Othram

EVIDENCE COLLECTION

Emesent

Genetec, Inc.

AXO Science

BERLA

Certified FETI

CMC Government Supply

Cyacomb Forensics

DATAPILOT

Davidhorn

DetectaChem

ERAD Group

Foray Technologies

Forensic Technology

Foster & Freeman

Intoximeters

Lynn Peavey Company

Mountain Horse Solutions

NetWatch Global

NICE Public Safety & Justice

OpenText

Rapid Scan 3D

SIONYX

EVIDENCE STORAGE/SECURITY

Genetec, Inc.

DATAPILOT

ecaptureDtech

Foray Technologies

HEMCO Corporation

iLockerz Ltd.

Issured Ltd.

iStorage

NICE Public Safety & Justice

OpenText

Panasonic i-PRO Sensing Solutions

Corporation of America

Pro-Vision Video Systems

Rapid Scan 3D

Real Time Networks, Inc.

Sentinel Camera Systems

Stalker Radar

Tuffy Security Products

Workplace Technology, Inc.

EVIDENCE, CURRENCY PROCESSING

Axon

Forensic Technology

EXPLOSIVE DETECTION SYSTEMS

908 Devices

Aardvark Tactical

ChemImage

DetectaChem

DSADetection

MGS LLC

Rigaku Analytical Devices

Sas R & D Services, Inc.

Serstech

SwabTek

FINGERPRINT KITS

CMC Government Supply Lakota Software Solutions

Lynn Peavey Company

FORENSIC TEST EQUIPMENT/KITS

Abbott

AXO Science

BERLA

DSC Laboratories

Foster & Freeman

Intoximeters

Swabtek

GUNSHOT RESIDUE TEST KITS

DetectaChem

Lynn Peavey Company

LABORATORY EQUIPMENT/ SUPPLIES

Salsbury Industries - Lockers.com

AXO Science

EdgeCo America

Foster & Freeman

HEMCO Corporation

Lynn Peavey Company

Securcube

Serstech

SteraMist by TOMI

VTO Labs

LIGHTS. SPECIAL PURPOSE

ACRO Lights

Bayco Products

Blue Badger Lights

Civil Defense Supply, Inc.

Guardian Angel Devices

Golight, Inc.

Littlite LLC

POLIFORCE

Reliapon Police Products

Streamlight, Inc.

Viridian Weapon-Mounted Cameras

MARINE/DIVING EQUIPMENT

Broco

LDV. Inc.

RIBCRAFT USA LLC

SURVEILLANCE EQUIPMENT

Aardvark Tactical

Area Systems UK

BIRD Aerosytems

Blueline Sensors LLC

Bounce Imaging

Brite

CovertTrack, a 3SI Company

Industrial Video & Control

Fortem Technologies

L3Harris Technologies

LiveView Technologies

NDI Recognition Systems NetWatch Global

Nightingale Security

OTTO Engineering

Pivot3

Pryme Radio Products

Rohde & Schwarz USA, Inc.

RT LTA Systems Ltd.

Safety Vision

Sentinel Camera Systems

Silent Sentinel Ltd.

SIONYX WCCTV

Zistos Corporation

THERMAL IMAGING SYSTEMS

Bounce Imaging **FLIR Systems**

Jenoptik

LiveView Technologies

Nightingale Security

Zistos Corporation

TRACKING DEVICES

3SI Security Systems

CovertTrack, a 3SI Company Drakontas

Directflight Ltd. t/a Airtask Group

Emergency Services Group

International

Fortem Technologies

GeoSpatial Technologies, Inc. GoodSAM (Instant.Help)

OpenWorks Engineering Ltd.

Securcube

UNMANNED AERIAL SYSTEMS (UAS)

Emesent

Aardvark Tactical

AeroDefense

Citadel Defense

CinetComm LLC

Dejero

Directflight Ltd. t/a Airtask Group

Drakontas Flare Bright

Fortem Technologies

MGS LLC

Nightingale Security

OpenWorks Engineering Ltd. Transcend Robotics

VOICE ANALYSIS

Cognyte

Phonexia Vollee

SECURITY

ACCESS CONTROL DEVICES/

SYSTEMS Cognitec

Genetec. Inc.

Axis Communications

Barrier By Design **HD Barcode LLC**

iLockerz Ltd. KeyTrak, Inc

Lava Group, The

Microsoft **PROSpike**

Real Identities/www.ID.training

Total Security Solutions

APRIL 2024 ★ POLICE CHIEF

ALARM SYSTEMS/INTRUSION DETECTION SYSTEMS

Cognitec

Genetec, Inc.

Databuoy Corporation
Directflight Ltd. t/a Airtask Group
LiveView Technologies

BULLET-RESISTANT GLASS/ PLASTIC

Hardwire LLC Havis, Inc.

Total Security Solutions

CAMERAS, CCTV/SECURITY

Genetec, Inc.

Amped Software USA, Inc. Axis Communications

BriefCam

DME Forensics

Evolv Technology

Flare Bright

Flock Safety

Industrial Video & Control

IXP Corporation

Jenoptik

LensLock

Milestone Systems

Nightingale Security

Panasonic i-PRO Sensing Solutions Corporation of America

Pivot3

Sentinel Camera Systems

Silent Sentinel Ltd.

SIONYX

Verint

WCCTV

COMMUNICATIONS SECURITY SYSTEMS

Dewberry

Genetec, Inc.

3SI Security Systems

DragonForce

DSC Laboratories

GoodSAM (Instant.Help)

Milestone Systems

Pryme Radio Products

RGB Specturm

Salt DNA

Sentinel Camera Systems

U.S. Cellular

Verint

Verizon

West Networks

DETERRENT SYSTEMS

ATG Access, Inc.

Citadel Defense

CovertTrack, a 3SI Company

Evolv Technology

Guardian Protective Devices, Inc.

Primetake Ltd.

Silent Sentinel

Tuffy Security Products

Universal Boot

ID SYSTEMS/BADGES

Genetec, Inc.

HD Barcode LLC

HID Global

Reeves Company, Inc.

METAL/WEAPON DETECTORS

Evoly Technology

IPVideo Corp.

L3Harris Technologies

Torfino Enterprises, Inc.

SECURITY DEVICES/SYSTEMS

Genetec, Inc.

AeroDefense

ATG Access, Inc.

Carahsoft Technology Corp.

ChemImage

Corporate IT Systems Ltd.

Delta Scientific

DSA Detection

EAGL Technology, Inc.

ecaptureDtech

Evolv Technology

GOSAFE Technology, Inc.

HD Barcode LLC

High Security Cuffs LLC

iLockerz Ltd.

iStorage

KeyTrak, Inc.

L3Harris Technologies

Lava Group, The

LEID Products

LiveView Technologies

OpenWorks Engineering Ltd.

Phonexia

POSH USA

PROSpike

ProTecht Solutions Partners

Real Time Networks, Inc.

RT LTA Systems Ltd.

Safety Vision

Sentinel Camera Systems

Sentrycs

Tuffy Security Products

Universal Boot

Verint

TACTICAL & PROTECTIVE EQUIPMENT

ARMORED SHIELDS

Advanced Trauma Specialties LLC

AEGIX Global

Armor Express

Battle Rifle Company

GH Armor

Hardwire LLC

Multi-Threat Shield

Ring Power Corporation

Verco Materials

BALLISTIC MATERIALS

Alternative Ballistics Corporation

Armor Express

Evolve Range Solutions

Hardwire LLC

Hero's Pride

Multi-Threat Shield

Primetake Ltd.

Total Security Solutions

Verco Materials

BARRICADES

BRINC

Delta Scientific

PROSpike

Ramcatch, Inc.

Total Security Solutions

BODY ARMOR

AEGIX Global

AmChar Wholesale, Inc.

Armor Express

Battle Rifle Company

Dattie Mile Company

BCB International Ltd.
Central Equipment LLC

GH Armor

Hardwire LLC

Hero's Pride

Hunter Apparel Solutions Ltd.

IMPACT Solutions

Level Peaks Associates

Markl Supply Company, Inc.

Multi-Threat Shield

NASPO ValuePoint

National Institute of Justice – Leidos

Tactical Medical Solutions

Taramis Distributions

OfficerStore Verco Materials

BOMB DETECTION

908 Devices

EWS Ltd.

ICOR Technology, Inc.

Rigaku Analytical Devices

Sas R & D Services, Inc.

Serstech

BOMB DISPOSAL

ICOR Technology, Inc. Primetake Ltd.

CAMERAS. BODY-WORN

Audax USA

Axis Communications

Carahsoft Technology Corp.

EAGL Technology, Inc.

Equature

Halo Americas

Kustom Signals, Inc.

Kyocera International, Inc.

LensLock

LensPen

Oracle
Panasonic i-PRO Sensing Solutions

Panasonic i-PRO Sensing Corporation of America

Pro-Vision Video Systems

Safe Fleet (COBAN & Mobile-Vision)

Securcube

Sentinel Camera Systems

Utility, Inc.
VisioLogix Corporation

VisioLogix C

CASES, PROTECTIVE

AmChar Wholesale, Inc.

Hero's Pride

Police Equipment Dealer

Seahorse Protective Equipment

Cases Strike Industries

Tactical Assault Specialist

CHEMICAL MUNITIONS

AmChar Wholesale, Inc.

Guardian Protective Devices, Inc.

Markl Supply Company

Poly Defensor Non-Lethal Technologies

Primetake Ltd.

Reliapon Police Products

T4E Training: Umarex USA, Inc. Transcend Robotics

ENTRY DEVICES

BRINC

Broco Tactical

Delta Scientific

PRODUCTS & SERVICES

Level Peaks Associates Primetake Ltd.

Ring Power Corporation

GAS MASKS/ACCESSORIES

Daniel Technologies Elmridge Protection

Federal Resources

MGS LLC

Strike Industries

GOGGLES, SAFETY

Daniel Technologies

Kentek Corporation

MGS LLC

Taramis Distributions

GUN RETENTION DEVICES

Daniel Technologies
MatchPoint USA LLC

Primetake Ltd.

HELMETS

Armor Express

Civil Defense Supply, Inc.

GH Armor

Hunter Apparel Solutions Ltd.

Metamaterial, Inc. (META)

Tactical Medical Solutions

Taramis Distributions

Team Wendy

INFECTIOUS DISEASE PROTECTION EQUIPMENT

DOE

EvaClean Infection Prevention Solutions by EarthSafe

LION

SteraMist by TOMI

VTO Labs

LOCK-OPENING DEVICES

AmChar Wholesale, Inc.

Broco Tactical

CMC Government Supply

Kyocera International, Inc.

MGS LLC

PERSONAL PROTECTIVE DEVICES

AmChar Wholesale, Inc.

Guardian Angel Devices

Guardian Protective Devices, Inc.

Metamaterial, Inc. (META)

Poly Defensor Non-Lethal

Technologies

Select Engineering Services

Superhailer

PERSONAL PROTECTIVE EQUIPMENT

Alien Gear Holsters

Armor Express

BCB International Ltd.

Civil Defense Supply, Inc.

Condor Outdoor Products, Inc.

DOE

Drakontas

Elmridge Protection

Federal Resources

Guardian Angel Devices

HAIX North America, Inc.

Hero's Pride

Hunter Apparel Solutions Ltd.

Invisio

Kentek Corporation

LION

Metamaterial, Inc. (META)

Mountain Uniforms

NASPO ValuePoint

National Institute of Justice -

Leidos

OTTO Engineering

Ring Power Corporation

Rocky Boots

Select Engineering Services

Sentry Products Group LLC

Team Wendy

Verco Materials

POST-DISASTER RECOVERY

Broco Tactical

Cinetcomm LLC

RT LTA Systems Ltd.

SteraMist by TOMI

Telesteps

RESTRAINT/DEFENSE DEVICES

ASP. Inc.

Civil Defense Supply, Inc.

High Security Cuffs LLC

Humane Restraint Co., Inc.

Peerless Handcuff Company

Poly Defensor Non-Lethal

Technologies

Reliapon Police Products

SpiderCuff USA LLC

Security Safety Products

Wrap Technologies, Inc.

ROBOTS, TACTICAL

Emesent

Bounce Imaging

BRINC

ICOR Technology, Inc.

MGS LLC

MVP Robotics

Nightingale Security

Ring Power Corporation

Transcend Robotics

TRAFFIC ENFORCEMENT

ALCOHOL/DRUG DETECTION DEVICES

908 Devices

Abbott

Central Equipment LLC

Intoximeters

Sas R & D Services, Inc.

Serstech

SwabTek

COLLISION REPORTING SERVICES

LexisNexis Risk Solutions (LexisNexis Coplogic Solutions)

Accident Support Services

International Ltd.

CARFAX for Police

EAGL Technology, Inc.

RoadSys, Inc.

E-CITATION

AED | Patrol PC

ALEN, Inc.

Brother Mobile Solutions

Kyocera International, Inc.

I -Tron

LexisNexis Risk Solutions – Criminal

Investigations

POSH USA

PrintekMobile

Saltus Technologies

Seiko Instruments USA, Inc.

Two Technologies

MEASURING DEVICES

All Traffic Solutions

DataCollect Traffic Systems

Laser Labs, Inc.

Laser Technology, Inc.

LED Roadway Lighting

Radar Shop, The

Rigaku Analytical Devices

Roadsys, Inc.

Stalker Radar

PARKING ENFORCEMENT EOUIPMENT

Brother Mobile Solutions

Delta Scientific

Intoximeters PrintekMobile Roadsys, Inc.

Seiko Instruments USA, Inc.

T3 Motion, Inc.

Two Technologies

Universal Boot

PEDESTRIAN SAFETY EQUIPMENT

ATG Access, Inc.

DataCollect Traffic Systems

Delta Scientific

LED Roadway Lighting

MPH Industries

RoadSvs. Inc.

Ramcatch, Inc.

RED LIGHT CAMERAS

Jenoptik

Verizon

SIGNS

All Traffic Solutions
Central Equipment LLC

D & R Electronics Ltd.

DataCollect Traffic Systems

Delta Scientific

Elan City

MPH Industries Stalker Radar

SPEED CAMERAS

Genetec, Inc.

Jenoptik

Laser Technology, Inc.

LED Roadway Lighting

LensLock

Radar Shop, The

Recon Police Bikes RoadSys, Inc.

SPEED DETECTION EQUIPMENT

Genetec, Inc.

.....

All Traffic Solutions
DataCollect Traffic Systems

Elan City FMS Solutions LLC

JAMAR Technologies, Inc.

Jenoptik

Kustom Signals, Inc. Laser Technology, Inc.

LED Roadway Lighting

MPH Industries
NDI Recognition Systems

Radar Shop, The Recon Police Bikes

Stalker Radar

TIRE DEFLATION DEVICES

Central Equipment LLC NOCHASE LLC **PROSpike**

TRAFFIC CONTROL SYSTEMS

Barrier By Design D & R Electronics Ltd. DataCollect Traffic Systems Delta Scientific

Elan City

Global Traffic Technologies LLC

LED Roadway Lighting

Pi-Lit

POLIFORCE

Ramcatch, Inc

RoadSys, Inc.

TOMAR Electronics

TRAFFIC MARKERS/CONES/ **FLASHERS**

Guardian Angel Devices Pi-Lit

POLIFORCE

TRAFFIC TICKET FORMS

Saltus Technologies Seiko Instruments USA, Inc.

TRAINING

BOOKS/MANUALS/PERIODICALS

30x30 Initiative

Airborne Public Safety Association, Inc.

ASIS International

Being First, Inc.

Blue to Gold Law Enforcement Training

Charles C Thomas Publisher Ltd.

Exterro

Institute of Police Technology and Management (IPTM)

International Association of Chiefs of Police (IACP)

Looseleaf Law Publications, Inc.

National Center for Missing & **Exploited Children**

POLICE

Police and Security News

PRI

Reliapon Police Products

Tactical52 LLC

COURSES/SCHOOLS/SEMINARS

Dewberry

Lexipol

Matthew Shepard Foundation

University of Virginia School of **Continuing & Professional Studies**

30x30 Initiative

49 North, A Division of Techwerks LLC

Airborne Public Safety Association, Inc.

American Military University

Architects Design Group

ASIS International

ASP, Inc.

Asset Reality

Blue to Gold Law Enforcement Training

California University of Pennsylvania

Campus Safety Conference

Certified FETI

COPS Training Portal

Envisage Technologies

Exterro

FirstForward

Force Science Institute

FranklinCovey Co.

Gray's Trauma-Informed Care

Services Corp.

Innocorp, Ltd.

INPUT-ACE

Institute of Police Technology and Management (IPTM)

International Association of Chiefs of Police (IACP)

International Critical Incident Stress Foundation

International Police Mountain Bike Association (IPMBA)

Intoximeters

IPVideo Corp.

John Guilfoil Public Relations

JPMA-Staff Development

Solutions LLC

Leaders Helping Leaders Network

Motorola Solutions Vigilant Training Team

Police Law Institute

PoliceOne Academy

Police Security Expo

PRI Management Group

Revelations Training and Investigations

Rhonda M. Glover Group LLC, The

Seiko Instruments, USA, Inc.

Sigma Tactical Wellness

Southern Police Institute

Tactical52 LLC University of Cincinnati Online

Vector Solutions

CRIME PREVENTION

3SI Security Systems

AXO Science

COPS Training Portal

ERAD Group

Phonexia

Real Identities/www.ID.training Southern Police Institute

TrainCy

DEFENSIVE TACTICS TRAINING

Civil Defense Supply, Inc.

EWS, Inc.

SpiderCuff USA LLC

DEVICES/AIDS, TRAINING

ASP, Inc.

BWC Solutions, Inc.

COPS Training Portal

DSA Detection

DSC Laboratories

Guardian Protective Devices, Inc.

iMarksman, Inc.

Innocorp I td.

Intoximeters

JPMA-Staff Development

Solutions LLC

Laser Ammo USA, Inc.

Police Security Expo

Stryker - Emergency Care/Public Access

DISTANCE LEARNING

Matthew Shepard Foundation University of Virginia School of Continuing & Professional Studies

49 North, A Division of Techwerks LLC American Military University

ASIS International

Being First, Inc.

California University of Pennsylvania

Certified FETI

COPS Training Portal

Gray's Trauma-Informed Care Services Corp.

Institute of Police Technology and Management (IPTM)

International Association of Chiefs

of Police (IACP)

International Critical Incident Stress Foundation

John Guilfoil Public Relations JPMA - Staff Development

Solutions LLC

Motorola Solutions Vigilant Training Team

National Center for Missing & **Exploited Children**

Police Law Institute

PoliceOne Academy

Revelations Training and Investigations

TrainCv

University of Cincinnati Online

University of San Diego

Ti Training LE

Vector Solutions

Virtual Acadmey

DNA

Advance DNA

DRIVER TRAINING

Skidcar System, Inc.

VirTra

EMERGENCY MEDICAL DEVICES TRAINING

Advanced Trauma Specialties LLC GoodSAM (Instant.Help)

EQUIPMENT, TRAINING

Alien Gear Holsters

Alternative Ballistics Corporation

ASP, Inc.

AXO Science

Broco Tactical

BWC Solutions, Inc.

EWS Ltd.

Federal Resources Guardian Protective Devices, Inc.

iMarksman, Inc.

Intoximeters JPMA - Staff Development

Solutions LLC

Laser Ammo USA, Inc.

Mountain Uniforms **MVP Robotics**

Police Security Expo

Skidcar System, Inc.

Smith & Wesson, Inc. SpiderCuff USA LLC

Tactical Medical Solutions

T4E Training: Umarex USA, Inc **ZOLL Medical**

FIREARMS TRAINING

Battle Rifle Company Covershots Mobile Canopies

Evolve Range Solutions

GOSAFE Technology, Inc. Kinetic Made

Laser Ammo USA, Inc.

Laser Shot

iMarksman, Inc.

Meggitt Training Systems

PRODUCTS & SERVICES

Polygraph Institute. The

Southern Police Institute

LAW ENFORCEMENT SCHOOLS

University of Virginia School of

Institute of Police Technology and

National Public Safety Innovation

Management (IPTM)

Southern Police Institute

University of San Diego

LEGAL TRAINING

Solutions LLC

Virtual Academy

911Insight

Being First, Inc.

Guardian Tracking

FranklinCovey Co.

of Police (IACP)

Foundation

Academy

Solutions LLC

NOWHERETOHIDE.org

Southern Police Institute

University of San Diego

PoliceOne Academy

Tactical 52 LLC

MEDIA TRAINING

Solutions LLC

Police Law Institute

Training

University of Cincinnati Online

Blue to Gold Law Enforcement

JPMA - Staff Development

Southern Police Institute

MANAGEMENT TRAINING

49 North, A Division of Techwerks LLC

Futurum Consultancy and Training

International Association of Chiefs

International Critical Incident Stress

Leaders Helping Leaders Network

National Public Safety Innovation

Charles C Thomas Publisher Ltd.

John Guilfoil Public Relations

JPMA - Staff Development

Southern Police Institute

POLYGRAPH TRAINING

Polygraph Institute, The

JPMA - Staff Development

Real Identities/www.ID.training

California University of Pennsylvania

Academy

Continuing & Professional Studies

TrainCy

Virtual Academy

Military and Police Targets, Inc. Smith & Wesson, Inc. VirTra

FORENSICS

Abbott

AdvanceDNA

Amped Software USA, Inc.

AXO Science

Carahsoft Technology Corp.

ComSec LLC

DATAPILOT

Detego by MCMSolutions

DME Forensics

ecaptureDtech

Foray Technologies

Intoximeters

OpenText

Othram

Phonexia

Proactive Risk, Inc.

Progressive Microtechnology, Inc.

TrainCy

VTO Labs

GRADUATE AND UNDERGRADUATE DEGREES

University of Virginia School of Continuing & Professional Studies

American Military University California University of Pennsylvania

Southern Police Institute

University of Cincinnati Online

University of Louisville Department of Criminal Justice

University of San Diego

HOMELAND SECURITY

ASIS International

California University of Pennsylvania

DSA Detection

ecaptureDtech

Envisage Technologies

TrainCy

Vector Solutions

INTERROGATION/INVESTIGATION TRAINING

AEGIX Global

CARFAX for Police

Certified FETI

Davidhorn

Force Science Institute

IPVideo Corp.

JPMA - Staff Development

Solutions LLC

Laser Ammo USA, Inc.

Police Law Institute

RESCUE TRAINING

Advanced Trauma Specialties LLC

Daniel Technologies

Drakontas

ZOLL Medical

SIMULATION-BASED TRAINING

Emesent

Drakontas

Evolve Range Solutions

iMarksman, Inc.

Kinetic Made

Laser Ammo USA, Inc.

Laser Shot

Meggitt Training Systems

Police Law Institute

Skidcar System, Inc.

T4E Training: Umarex USA, Inc.

Ti Training LE

TrainCy

VirTra

Zephyr Drone Simulator

TACTICAL TRAINING

Emesent

ASP. Inc.

Battle Rifle Company

Evolve Range Solutions

Guardian Protective Devices, Inc.

Kinetic Made

Laser Ammo USA, Inc.

MVP Robotics

SpiderCuff USA LLC

Tactical52 LLC

Ti Training LE

VirTra

VIRTUAL REALITY

Bounce Imaging

iMarksman, Inc.

NCL Government Capital

Skidcar System, Inc.

VirTra

TRANSPORTATION

AUTO PARTS

Raybestos Brakes Tuffy Security Products

BICYCLES

1854 Cycling Company, The

American Bike Patrol Services

GeoOrbital

Pedego Electric Bikes

Recon Police Bikes

Trikke Professional Mobility

BOATS/ACCESSORIES

First Responder Technologies

MGS LLC

RIBCRAFT USA LLC

COMMAND CENTERS, MOBILE

Cinetcomm LLC

Dejero

LDV, Inc.

Odyssey Mobile Solutions LLC

OPS Public Safety

Wondries Fleet Group

HELICOPTERS

Bell

Pi-Lit

LIGHTS, MOUNTED

ACRO Lights

Adamson Industries Corp.

Code 3, Inc.

D & R Electronics Ltd.

FMS Solutions LLC

GFX Law

Golight, Inc.

HAAS Alert

Kaldor Emergency Lights LLC

POLIFORCE

TOMAR Electronics

Wondries Fleet Group

MOTORCYCLES/ACCESSORIES

Abbott

FMS Solutions LLC

Harley-Davidson Motor Company,

Inc.

Littlite LLC

Pi-I it

Ryvid Authority Solutions/

Envisioneering, Inc.

T3 Motion, Inc.

Taramis Distributions

Trikke Professional Mobility

Zero Motorcycles

MOUNTING HARDWARE

Adamson Industries Corp.

AED | Patrol PC

D & R Electronics Ltd.

FMS Solutions LLC

Havis, Inc. **Lund Industries**

Panasonic Systems Solutions Company

PARTITIONS/SCREENS/SHIELDS

Adamson Industries Corp
Estes Automated Weapon Security
Kaldor Emergency Lights LLC
Lund Industries
Pro-gard Products LLC
Setina Manufacturing Company

PUSH BUMPERS

D & R Electronics Ltd. GFX Law Kaldor Emergency Lights LLC Pro-gard Products LLC

Setina Manufacturing Company RECORDING SYSTEMS, IN-CAR

Geotab, Inc.

MaestroVision
Panasonic i-PRO Sensing Solutions

Corporation of America

Pro-Vision Video Systems

Safe Fleet (COBAN & Mobile-Vision)

SIONYX Utility, Inc.

Visual Labs

SIRENS

Adamson Industries Corp. Code 3, Inc.

GFX Law

PursuitAlert Digital Siren

Recon Police Bikes

TOMAR Electronics

Wondries Fleet Group

THEFT PREVENTION DEVICES

Adamson Industries Corp.
Big Sky Racks
Estes Automated Weapon Security
GOSAFE Technology, Inc.
interMotive Vehicle Controls
Pro-gard Products LLC
Tuffy Security Products
Universal Boot

TRUNK ORGANIZERS

Estes Automated Weapon Security

Havis, Inc.

Lund Industries

OPS Public Safety

Pro-gard Products LLC

Seahorse Protective Equipment

Cases

Tuffy Security Products

Tufloc

VEHICLE ACCESSORIES

Big Sky Racks Code 3, Inc.

Estes Automated Weapon Security

FirstResponder Technologies

GFX Law

HAAS Alert

Hardwire LLC

InterMotive Vehicle Controls

Intoximeters

Littlite LLC

Lund Industries

NASPO ValuePoint

OPS Public Safety

Pi-Lit

Telesteps

Tuffy Security Products

Tufloc

Universal Boot

Zero Motorcycles

VEHICLE MODIFICATION/CUSTOM DESIGN

Adamson Industries Corp.

D & R Electronics Ltd.

Jankel Tactical Systems

Odyssey Mobile Solutions LLC

Polaris Government & Defense

Wondries Fleet Group

VEHICLE TRACKING SYSTEMS

CovertTrack, a 3SI Company

D & R Electronics Ltd.

Drakontas

Fortem Technologies

GeoSpatial Technologies, Inc.

Geotab, Inc.

HAAS Alert

PlanIt Schedule

Safety Vision

Salety Vision

U.S. Cellular

West Networks

VEHICLES, PATROL

Big Sky Racks, Inc.

Code 3, Inc.

Dodge Law

Estes Automated Weapon Security

FirstResponder Technologies

GeoOrbital

Harley-Davidson Motor Company, Inc.

Jankel Tactical Systems

Kustom Signals, Inc.

Polaris Government & Defense

Recon Police Bikes

Ryvid Authority Solutions/ Envisioneering, Inc.

T3 Motion, Inc.

Trikke Professional Mobility

Wondries Fleet Group

Zero Motorcycles

VEHICLES. PRISONER TRANSPORT

Dodge Law Havis, Inc.

I and a late attack

Jankel Tactical Systems

Odyssey Mobile Solutions LLC

Polaris Government & Defense

Pro-gard Products LLC

Setina Manufacturing Company

VEHICLES, SPECIAL PURPOSE

Dodge Law GeoOrbital

Jankel Tactical Systems

JuiceBar

LDV, Inc.

Odyssey Mobile Solutions LLC Polaris Government & Defense

RIBCRAFT USA LLC

Ring Power Corporation

Ryvid Authority Solutions/ Envisioneering, Inc.

T3 Motion, Inc.

Trikke Professional Mobility

Zero Motorcycles

VEHICLES, SWAT

GeoOrbital

Jankel Tactical Systems

LDV, Inc.

Odyssey Mobile Solutions LLC

OPS Public Safety

Polaris Government & Defense

Ring Power Corporation

Telesteps

UNIFORMS & GEAR

BADGES/SHIELDS/CASES

Aker International, Inc.

Armor Express

Blackinton, V.H. & Co., Inc.

Boston Leather, Inc.

Coins by Catania

Dragon Lazer

Entenmann-Rovin Co.

EPoliceSupply.com

Gold Nugget Uniform dba Argo

Uniform Co., Inc. Hero's Pride

OfficerStore

Strong Leather Company

SymbolArts

DUTY EQUIPMENT, ACCESSORIES

5.11

Aker International

Alien Gear Holsters

ASP, Inc.

Bayco Products

BCB International Ltd.

Boston Leather, Inc.

Civil Defense Supply, Inc.

Condor Outdoor Products, Inc.

Gold Nugget Uniform dba Argo Uniform Co., Inc.

Guardian Protective Devices

Invisio Laser Labs, Inc.

Markl Supply Company, Inc.

MatchPoint USA LLC

Metamaterial, Inc. (META)

Nye Uniform Co.

Peerless Handcuff Company

Project Peacekeeper

Reliapon Police Products

Select Engineering Services

SpiderCuff USA LLC

Strike Industries
Strong Leather Company

Team Wendy

Viridiam Weapon Mounted Cameras

EMBLEMS/INSIGNIA/ NAMEPLATES

Baida Jewelry

Blackinton, V.H. & Co., Inc.

Coins by Catania

Dragon Lazer

Eiseman-Ludmar Co., Inc.

Emblem Authority, The

EPoliceSupply.com

Gold Nugget Uniform dba Argo

Uniform Co., Inc.

Hero's Pride

Insignia Industries LLC/pinsinc.com

Nye Uniform Co.

SymbolArts

EYEWEAR

_ . . . _

Daniel Technologies
Hunter Apparel Solutions Ltd.

Kentek Corporation
Project Peacekeeper

FLASHLIGHTS

ASP. Inc.

Bayco Products

BCB International Ltd.

Guardian Angel Devices
Gold Nugget Uniform dba Argo

Uniform Co., Inc.
Police Equipment Dealer

Powertec

Reliapon Police Products

Streamlight, Inc.

PRODUCTS & SERVICES

FOOTWEAR

5.11

First Tactical HAIK North America Interceptor Boots Nye Uniform Co.

GLOVES

Daniel Technologies Eiseman-Ludmar Co., Inc. Hero's Pride Level Peaks Associates Passaic Leather

HANDBAGS/PURSES

5.11

Hunter Apparel Solutions Ltd. Strike Industries

NAME BADGES

Blackinton, V.H. & Co., Inc. Central Equipment LLC Dragon Lazer EPoliceSupply.com Hero's Pride Reeves Company, Inc.

SPECIAL APPAREL

Hero's Pride Hunter Apparel Solutions Ltd. Level Peaks Associates Mountain Uniforms **Outdoor Outfits** Passaic Leather

UNIFORM ACCESSORIES

Aker International, Inc. Alien Gear Holsters Boston Leather, Inc. Coins by Catania Empire Shirts Ltd. First Tactical HAIX North America Eiseman-Ludmar Co., Inc. Interceptor Boots Nve Uniform Co. **Outdoor Outfits** Project Peacekeeper Reeves Company, Inc. Team Wendy

UNIFORM PANTS/SHIRTS/SKIRTS

5.11 Burlington Condor Outdoor Products, Inc. Empire Shirts Ltd. First Tactical General Tactic Gold Nugget Uniform dba Argo

Uniform Co., Inc.

Her BlueWear Uniforms Hunter Apparel Solutions Ltd. Mountain Uniforms Nye Uniform Co. **Outdoor Outfits**

UNIFORMS, CUSTOM DESIGN

5.11

Burlington Condor Outdoor Products, Inc. **General Tactic** Empire Shirts Ltd.

First Tactical

Hunter Apparel Solutions Limited Mountain Uniforms **Outdoor Outfits**

Passaic Leather

UNIFORMS, RIOT/SWAT

5.11

Armor Express

Condor Outdoor Products, Inc.

Empire Shirts Ltd.

First Tactical

Hunter Apparel Solutions Limited Mountain Uniforms

Outdoor Outfits

WEAPONS

BATONS/BATON CARRIERS

Aker International, Inc. AmChar Wholesale, Inc. ASP. Inc.

Battle Rifle Company **Daniel Technologies**

Primetake Ltd.

Reliapon Police Products

CLEANING EQUIPMENT

Ammo-Up

AmChar Wholesale, Inc. Battle Rifle Company

LensPen

MT2 Firing Range Services Sentry Products Group LLC

Strike Industries

FIREARMS

AFGIX Global Battle Rifle Company GOSAFE Technology, Inc.

HUXWRX Safety Co. Laser Ammo USA Inc

Laser Shot

Markl Supply Company, Inc.

MGS LLC OfficerStore

Open Works Engineering Ltd. Rock River Arms, Inc.

Smith & Wesson, Inc. Strike Industries Tactical Assault Specialist

GRIPS

AmChar Wholesale, Inc. Battle Rifle Company **Daniel Technologies** MGS LLC Strike Industries

HOLSTERS

5.11

Aker International, Inc. Alien Gear Holsters Alternative Ballistics Corporation Battle Rifle Company Boston Leather, Inc. FMS Solutions LLC Guardian Protective Devices, Inc. MVP Robotics

T4E Training: Umarex USA, Inc

KNIVES

AmChar Wholesale, Inc. CMC Government Supply **Daniel Technologies** Smith & Wesson, inc.

LESS-LETHAL WEAPONS

Alien Gear Holsters Alternative Ballistics Corporation ASP, inc.

Axon

BCB International Ltd. Fortem Technologies Guardian Protective Devices, Inc. Laser Ammo USA, Inc MGS LLC MVP Robotics

OfficerStore OpenWorks Engineering Ltd.

Poly Defensor Non-Lethal Technologies

Primetake Ltd.

Reliapon Police Products

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Transcend Robotics

T4E Training: Umarex USA, Inc Wrap Technologies, Inc.

OC/PEPPER SPRAY

ASP, Inc.

Civil Defense Supply, Inc. **CMC Government Supply** Guardian Protective Devices, Inc. MGS LLC

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Alien Gear Holsters Ammo-Un Covershots Mobile Canopies **Evolve Range Solutions** Laser Ammo USA, Inc. Laser Shot Meggitt Training Systems MT2 Firing Range Services MVP Robotics Strike Industries

STORAGE/SECURITY

Salsbury Industries - Lockers.com

Big Sky Racks, Inc. Estes Automated Weapon Security FMS Solutions LLC GOSAFE Technology, Inc.

LEID Products **Lund Industries**

MatchPoint USA LLC **OPS Public Safety**

Primetake Ltd.

Setina Manufacturing Company Sentry Products Group LLC Tactical Assault Specialist

Tuffy Security Products

WEAPON ACCESSORIES

AEGIX Global Battle Rifle Company Brolis Photonics Solutions Ltd. GOSAFE Technology, Inc. HUXWRX Safety Co. MatchPoint USA LLC

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- 3. Sponsors of five or more members receive one free Annual Conference and Exposition registration.







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(sworn non-command level)

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- Capitol Police
- O Defense Chiefs of Police
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- O Law Enforcement Information Technology (LEIT)
- O Law Enforcement Intelligence & Information Sharing
- O Legal Officers
- O Midsize Agencies Division
- O Officer Safety and Organizational Wellness
- O Police Chaplain
- O Police Physicians
- Police Psychological Services— (initial processing fee)
- O Police Research Advancement
- O Private Sector Liaison
- O Public Information Officers
- O Railroad Police.....No Charge
- O Retired Chiefs of Police
- O Smaller Department
- O S&P Police Alumni.....No Charge
- O University/College Police

Using AI to Analyze Video Surveillance at Community Events

COMMUNITY EVENTS, SUCH AS FESTIVALS, PARADES, CONCERTS, AND FAIRS, ARE OPPORTUNITIES FOR POLICE OFFICERS TO INTERACT WITH THE PUBLIC IN A POSITIVE AND FRIENDLY MANNER.

They can also be challenging environments for public safety, as they involve large crowds, noise, and potential security threats. How can police officers balance their roles as protectors and partners of the community, and how can they measure their performance and impact?



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AI can analyze the facial expressions and body language of the people in the video and infer their emotions, attitudes, and intentions.

"

One possible solution is to use security video surveillance and artificial intelligence (AI) to analyze the footage and provide insights into police and community interaction, sentiment, engagement, and outcomes. This technology has both benefits and limitations, but it can be leveraged to help police departments improve their training and strategies for community events.

AI VIDEO ANALYSIS

AI is a broad term that refers to the ability of machines to perform tasks that normally require human intelligence, such as recognition, reasoning, learning, and decision-making. In this context, the focus is on how AI can process and understand visual data, such as images and videos.

One of the applications of AI in video analysis is to detect and identify objects, people, faces, and actions in the footage. AI can also analyze the facial expressions and body language of the people in the video and infer their emotions, attitudes, and intentions. For example, AI can detect if a person is smiling, frowning, angry, or happy.

Another application of AI in video analysis is to track and measure the movements and interactions of the people in the video. For example, AI can count how many people are in the scene, how long they stay, where they go, and who they talk to. AI can also measure the distance and proximity between people and the direction and intensity of their gaze. For example, AI can determine if two people are looking at or away from each other.



By combining these applications, AI can provide a comprehensive, objective analysis of the video surveillance and generate reports and metrics that can help police departments evaluate their performance and impact at community events.

BENEFITS

There are several benefits of using AI to analyze video surveillance at community events, both for the police and the community.

- AI can help police officers monitor and manage large, complex scenes and alert them of any potential threats or incidents that require their attention. This can enhance officers' situational awareness and response time and reduce the risk of their missing or overlooking important details.
- AI can help police officers assess and improve their interaction and engagement with the community and identify the best practices and strategies that foster positive and trustful relationships. For example, AI can measure how often and for how long officers talk to the public, how they express their emotions and attitudes, and how they respond to the feedback and reactions of the community. AI can also compare



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- the results of different events, locations, and teams and provide feedback and recommendations for improvement.
- AI can help police departments evaluate the outcomes and impacts of their presence and participation at community events and provide evidence-based data to support their decisions and policies. For example, AI can measure the changes in the sentiment and behavior of the community before, during, and after the event, and how those changes correlate with the actions of the police. AI can also measure the satisfaction and perception of the community toward the police and how those factors influence community cooperation and compliance.

LIMITATIONS

Despite the potential benefits, using AI to analyze video surveillance at community events also poses some limitations and challenges, both technical and ethical.

- AI is not perfect, and it can make errors or biases in its analysis and interpretation of the video data. For example, AI can misclassify or misrecognize objects, people, faces, and actions, or it can fail to capture the nuances and contexts of the human communication and interaction. AI can also be influenced by the quality and quantity of the data and the algorithms and models that are used to process and understand it. Therefore, AI should not be used as the sole or final source of information—but rather as a tool that complements and assists human judgment and expertise.
- AI can raise ethical and legal issues regarding the privacy and consent of the people who are captured and analyzed by the video surveillance. For instance, how can the police inform and obtain the permission of the public to use AI to monitor and measure their activities and emotions at community events? How can the police protect and secure the data that are collected and generated by AI and prevent the misuse or abuse of the data by unauthorized or malicious parties? How can the police ensure the transparency and accountability of the AI and explain its methods and results to the public and stakeholders?

CONCLUSION

Using AI to analyze security video surveillance at community events can be a valuable, innovative application of technology that can help police officers improve their performance and impact and enhance their relations and trust with the community. However, it also requires careful and responsible implementation and a balance between the benefits and the risks, the opportunities and the challenges, and the human and the machine. O

Protection for Four-Legged Protectors

FOR CENTURIES, DOGS HAVE WORKED ALONGSIDE HUMANS IN MANY CAPACITIES, PROVIDING MORE THAN JUST COMPANIONSHIP. THIS HOLDS TRUE IN THE POLICING PROFESSION AS WELL.

It is estimated that there are about 50,000 active police dogs in the United States alone. For decades, K9 officers have proven their worth during apprehension, detection, and search and rescue work. Now, agencies also train dogs for community engagement and officer wellness purposes.

Unfortunately, too many K9s are lost in the line of duty. In the United States, there were 25 K9 line-of-duty deaths recorded in 2023. "In socially and politically tumultuous times, the risk level for law enforcement officers, including four-legged ones, goes way up," said Derek Beck, founder of K9 Helm Corp. It is important that agencies look after the safety of these impressive animals, just as they would their human counterparts.

PROTECTIVE GEAR

From helmets to body armor to boots, the safety equipment for a handler is very similar to what's needed for the K9. K9 Helm's CS-1 GoggleHelm is a perfect example.

Derived from Beck's patent—Cranial Protection System for a Terrestrial Animal—the CS-1 is an evolution of the original Trident TR-1 Tactical Helmet. The Trident design was a prototype formally tested by the U.S. Marine Forces Special Operations Command and U.S. Army Special Forces. Noticing the interest from policing professionals, Beck decided to place the Trident helmet into the market in 2019.

The lightweight CS-1 was introduced in 2023, with the design of the Trident acting as a chassis. The addition of the wraparound goggles inspired its name, "GoggleHelm." The lens is made out of UV400 shatterproof polycarbonate and





 $Photos\ courtesy\ of\ K9\ Helm\ Corp$

has an anti-scratch coating. K9s have full bite capacity and ear articulation while wearing the tactical helmet. A low-profile, removable picatinny rail and aluminum side mounting plates allow other attachments, such as ear covers and muzzles, to be used as needed. Its Biothane retention collar keeps the helmet secure without restricting the dog's breathing.

Tailored for an average-sized Belgian Malinois, slight adjustments to the CS-1 can be made for a more custom fit. Side pads of varying sizes and adhesive-backed spacer pads can be added to the snout and goggle area if more snugness is needed. The Biothane collar accommodates neck sizes ranging from 14.5 inches to 18.5 inches.

TRAINING GEAR

K9 protection doesn't start and stop when the unit is in the field. Often, it continues into training. Horton's Quality K9 Equipment has provided training equipment since 1972. After working as a tailor in the navy, Robert Horton helped form the Greater Atlanta Schutzhund Club (under USCA) with other pivotal dog trainers. In its infancy, the club was without proper training equipment. Robert took the initiative to create high-quality equipment for his fellow trainers. From his small workshop in Georgia, he turned his sewing hobby into a family-owned business.

Continuing his father's legacy, Paul Horton Sr. has ensured the equipment provided has met and exceeded clients' needs and expectations. Due to his work on manufacturing Belgian arm sleeves, Horton Sr. was contacted by a large K9 training facility. There were several officers who needed the flexibility of not having to wear a full bite suit but still wished to remain safe from the K9 in training. Whether it be for hot weather conditions or scenario work that's introducing only the arm, a sleeve could be more effective in keeping the training going for longer.

"[The Police K9 Sleeve] came from the police officers' necessity of needing a longer sleeve and something that's not forearm-only," Horton Sr. said. The Belgian sleeves' original design was for a sport type of presentation, which needed only the forearm to be covered. With the inclusion of bicep coverage in the Police K9 Sleeve, trainers have increased mobility of the arm. It is an ambidextrous sleeve that fits most people up to about 21 inches on the bicep.

Although bite gear may be for the protection of humans, Horton's has designed their products with K9 safety in mind. Rather than using a nylon material, the Police K9 Sleeve is made of a polyester/cotton mix. This material is safer for dogs since it is easier for them to penetrate without wearing down their teeth. It is designed for the K9 to feel an arm within the sleeve without applying too much pressure, allowing the training to continue without injury to the trainer or dog. "[The trainers] have told me their

dogs come back alive when they start with this sleeve," said Horton Sr. "[The dogs] actually get happy to work and want to work because of the sensation of feeling something."

Once K9s are trained using the Police K9 Sleeve, some agencies have begun to use them as a backup sleeve should something unexpected happen in the field and the K9 needs to be caught.

Over 50 years later, Horton's remains the oldest family-owned and operated manufacturer dedicated to K9 equipment in the United States, as Paul Horton Sr. imparts the knowledge he gained from his father to his own son.

Photo courtesy of Horton's Quality K9 Equipment



Photo courtesy of CoolCop LLC



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FIELD SAFETY

Protective gear doesn't always come in the form of apparel. Of the 25 line-of-duty deaths in 2023, 4 K9s passed from heatstroke. This deadly condition can be prevented with the use of CoolK9. Ron Baldal, president of CoolCop LLC, is a retired police sergeant who has firsthand experience with the needs of police officers and police K9 units.

Upon using CoolCop's existing product—Body Armor Air Conditioning—K9 handlers requested a version that would direct air conditioning to a kennel rather than body armor. The air is redirected through a six-foot hose and A/C vent cup that fits most police vehicles. It can be easily disconnected by sliding the dash cup spring clip to the side.

"CoolK9 helps mitigate the effects of heat and humidity on our canine partners and keeps them safer and at peak performance," said Baldal.⁷ Proven to be more effective than a window fan or cooling mat, CoolK9 has shown to keep an enclosure at least 10 degrees cooler than the ambient temperature.

CONCLUSION

Whether in tactical situations or community engagements, K9 units are a major asset to police agencies. They quickly win the hearts of the public and become integrated into the policing family. These dogs are dedicated to their work, and agencies must have the necessary tools to protect these four-legged officers. \circ

SOURCE LIST

Please view this article online for contact information.

- Armor Express
- CoolCop LLC
- · Guardian Angel Devices
- · Horton's Quality K9 Equipment
- · K9 Helm Corp
- K-9 Storm
- Rex Specs
- TrackStar International



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Cognyte is a global leader in investigative analytics software that empowers various government and enterprise organizations with Actionable Intelligence for a Safer World. Our open interface software is designed to help customers accelerate and improve the effectiveness of investigations and decision-making. Hundreds of customers, in more than 100 countries, rely on our solutions to accelerate and conduct investigations and derive insights, with which they identify, neutralize, and tackle threats to national security and address different forms of criminal and terror activities.

NEXYTE.AI

Desktop Microphone for Dispatch

PRYME Radio, a leader in audio technologies, announces its recently released Desk Top Microphone that is specifically crafted for dispatch console computers utilizing two-way radio or cellular networks. It boasts a PTT



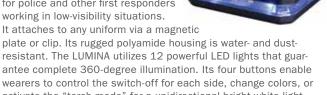
connection and two independently programmable buttons for dispatch software. The DMC 1F3-USB plugs into any USBA port and the 3.5 mm mic jack (users can utilize readily available USB and 3.5 mm adapters if needed) on the computer. The DMC-1F3-USB comes preprogrammed to generate a PTT command equivalent to pressing the F3 key but can easily be reprogrammed to any other key (for example space bar).

pryme.com

Wearable Light

Norstat, Inc., now offers the LUMINA, a compact, wearable safety device for police and other first responders working in low-visibility situations.

It attaches to any uniform via a magnetic



antee complete 360-degree illumination. Its four buttons enable wearers to control the switch-off for each side, change colors, or activate the "torch mode" for a unidirectional bright white light, allowing for hands-free illumination. The lithium battery powers up to eight hours of continuous use and can be easily recharged via a USB-C cable.

www.norstat.com

POLICE CHIEF keeps you on the cutting edge of law enforcement technology with monthly product announcements. Items about new or improved products are based on news releases supplied by manufacturers and distributors; IACP endorsement is in no way implied.

LEARN HOW TO BUILD A REAL-TIME CRIME CENTER

Are you intrigued by the idea of having your own real-time crime center (RTCC) but think it's an unattainable project? RTCCs come in various configurations, from modest setups to impressive installations with advanced technology. By following this checklist created by our experts, you can create a state-ofthe-art RTCC that streamlines operations, accelerates investigations, and enhances public safety.



Genetec Inc. is a technology company that offers on-premises and cloud-based solutions encompassing security, intelligence, and operations. The company's flagship product, Genetec Security Center, is a physical security platform that unifies IP-based video surveillance, access control, automatic license plate recognition (ALPR), communications, and analytics. Genetec also develops cloudbased solutions and services designed to improve security in the communities in which we live.

Rail-Mounted Lights

Streamlight, Inc., a leading provider of high-performance lighting and weapon light/laser sighting devices, introduces upgraded models of its TLR RM 1 and TLR RM 2 series of lights, each now featuring a high-performance, high-lumen face cap for a super-bright beam of up to 1,000 lumens and an extended reach of up to 22,000 candela. The models, both also available with red or green lasers, have been upgraded with the new face cap to provide improved beam distance when mounted to long guns. Packaged as a system, each rail-mounted light features independently operating push-button and remote pressure switches.

streamlight.com

Portable X-Ray System

3DX-Ray introduces their new smaller ThreatScan AS2 flat panel for their robust portable X-ray inspection system. The new panel has been specifically designed for operators working in areas where access is very



restricted. With a smaller footprint and a slightly improved resolution over the AS1, the ThreatScan AS2 is engineered with the latest glassless technology inside to reduce size and weight. It boasts an excellent dead zone cut off, down to less than 3 mm on two sides. Another advantage of the new panel is that its reduced size and weight make it ideal for backpacking and rapid deployment.

www.3dx-ray.com



Photo by Chip Somodevilla/Getty Images

Each year during police week, communities across the United States hold memorial services in remembrance of police officers who have made the supreme sacrifice for their communities. During this week, police departments also hold open houses, conduct tours of their facilities, and hold community activities to celebrate police officers and their duties. May 15 has been designated as National Peace Officers Memorial Day.

POLICE WEEK: On October 1, 1962, U.S. President John F. Kennedy signed Public Law 87-726, a joint resolution of the 87th Congress:

Pursuant to 36 U.S.C. 136–137, the President designates May 15 of each year as "Peace Officers Memorial Day" and the week in which it falls as "Police Week."

FLAGS AT HALF-STAFF: In 1994, U.S. President William J. Clinton signed Public Law 1030322, a joint resolution of the 103rd Congress directing that the flag of the United States be flown at half-staff on all government buildings on May 15. Most local communities incorporate a resolution into their municipal code designating days for Police Week and indicating that flags will be flown at half-staff on May 15. Once local governments have identified the appropriate days, businesses and others tend to follow suit. Police executives are encouraged to ensure that May 15 is observed in the local jurisdiction's ordinances. Law enforcement might consider conducting a local campaign to inform businesses of this observance.

2024 NATIONAL SERVICES

Sunday, May 12	Police Unity Tour Arrival Ceremony
Monday, May 13	Annual Candlelight Vigil
Tuesday, May 14	National Police Survivors Conference (Day 1)
Wednesday, May 15	Annual National Peace Officers' Memorial Service
Thursday, May 16	National Police Survivors Conference (Day 2)



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OFFICER SAFETY & WELLNESS

Focusing on officer safety and wellness (OSW) helps to prevent serious injuries, disease, and absences that can be costly to individuals and agencies. Strategic OSW efforts can improve officers' capacity to prepare for, recover from, and adapt to the stress and adversity of the job.

The IACP, with the support of the Bureau of Justice Assistance, offers a wide variety of resources on the following topics to help agencies learn the skills needed to implement programs, shift culture, and make meaningful changes to help officers thrive on and off the job.





Suicide Prevention

- Comprehensive Framework for Law **Enforcement Suicide** Prevention
- Messaging and communication
- Peer support
- Post-suicide response



Mental Health and Resilience

- Cumulative stress and burnout
- Grief and loss
- Anxiety management
- Resilience strategies
- Mindfulness



Physical Health

- Nutrition
- Health care
- Substance use
- Fitness programs
- Injury reduction



Family Wellness

- Secondary trauma
- Resilience for children
- Financial planning
- Retirement planning



Training

- Officer Safety and Wellness Conference
- VALOR Law Enforcement Resilience Training
 - Train-the-trainer
 - One- to four-day direct trainings
- What Does Wellness Look Like: Academy Training Curriculum
- Officer Safety and Wellness Learning Collaborative

Contact the IACP OSW Team or scan the QR code for more resources

> www.theIACP.org/osw osw@theiacp.org





TECHNOLOGY HAS RAPIDLY BECOME A PART OF MOST PEOPLE'S DAILY LIVES, IMPACTING EVERYTHING FROM AIR TRAVEL TO VEHICLES, HOMES, AND WORKPLACES, INTRODUCING AUTOMATION THAT SHAPES PEOPLE'S ROUTINES.

The advent of autonomy further underscores the pervasive and many times discreet nature of these technological shifts, compelling police professionals to adapt and navigate this complex landscape. As these technologies progress, the education and training of police professionals must also advance to keep pace with these new developments.

Recognizing the critical need for awareness, education, and information on how to handle these emerging technology trends, the Law Enforcement Cyber Center (LECC) stands as a crucial resource. Funded by the Bureau of Justice Assistance (BJA) and managed by the National White Collar Crime Center (NW3C), the International Association of Chiefs of Police (IACP), and the Police Executive Research Forum (PERF), this online platform is dedicated to providing comprehensive support for police officers, prosecutors, judges, and other criminal justice professionals.

The LECC is a *free* resource, offering a wealth of knowledge, educational tools, and information tailored to equip police personnel with the necessary

skills to navigate the complexities of cybercrime investigations, prosecutions, and modern technology. The LECC also acts as a pointer system, enabling police, prosecutors, judges, and interested criminal justice professionals to quickly locate training programs, conferences, and resources focused on cyber-related topics. During the 2023 IACP Annual Conference and Exposition in San Diego, California, thought leaders from across the United States convened a roundtable meeting to deliberate on ways to improve the LECC and identify the pertinent topics that should be incorporated moving forward.

One of the key recommendations from the group was the addition of resources related to artificial intelligence (AI) and providing awareness on how individuals are increasingly leveraging this technology to enhance the effectiveness and sophistication of their illicit activities. AI technology has the capability to influence society by utilizing algorithms and having a vast processing capacity. AI can scrutinize previously formidable amounts of user data to provide

customized and synthetic content. Furthermore, the advancement of "deepfake" technology, driven by AI, allows for the rapid creation of incredibly realistic fake videos or audio recordings. This enables malicious individuals to impersonate victims' family members, friends, and public figures, facilitating the dissemination of credible looking yet false information used not only to fool people but also to scam funds from unsuspecting individuals who believe what they are see or hear. The recent incident involving Taylor Swift and the false depiction of her endorsing specific politicians serves as just one instance highlighting how criminals are exploiting this technology in an attempt to sway political opinions and policies. Additionally, chatbots employing AI engage users in conversations that closely mimic human interactions and can contribute to the spread of propaganda and disinformation. As these techniques become more advanced, traditional methods of fraud detection may become less effective. Investigating such cases involves a combination of traditional investigative techniques, strategic partnerships with private industry, and leveraging specialized knowledge in the field of digital forensics related to AI.

Now, more than ever, police must actively embrace this rapidly changing technology, be open to trying new approaches, and stay updated on the latest AI-generated fraud techniques to effectively combat emerging challenges. Another critical component of this effort is raising public awareness about the risks associated with AI-generated fraud and encouraging individuals to report suspicious activity to the police. AI-generated fraud is dynamic, and police strategies continue to evolve to address emerging threats.

The roundtable participants also suggested it is essential for police leaders to gain a more comprehensive understanding of this emerging technology as they develop policy and guidelines. AI holds the capability to revolutionize the methods by which the police prevent, investigate, resolve, and prosecute crimes. Nonetheless, despite the numerous potential advantages of AI, there exists public apprehension regarding its potential misuse by police. To foster and uphold trust between the police and the public they serve,

departments need to be thoughtful about the policies on how they both use and restrict use of this technology. What quality management guardrails are in place to constrain AI use? How long are images and other data saved? Who can look up a car's location? How will the public learn about the technology's use?

Once policies are created and instituted, using the technology can help reduce crime by increasing the likelihood and speed of apprehending criminals. It is imperative to thoroughly comprehend and alleviate these concerns during the development and deployment of any AI capability to avoid community misperception that AI is a scary unbridled "black box" technology.

Based on the recommendations from the aforementioned roundtable, the LECC is undergoing a significant transformation in 2024. The website will be updated, and new topic areas and sections will be introduced. In line with these changes, a dedicated section on AI will be added to provide resources, education, and training options specifically tailored for police personnel, prosecutors, and criminal justice professionals. These resources will also include information on public awareness and responsible use of AI.

As the 2024 IACP Technology Conference in Charlotte, North Carolina, draws near, participants from the roundtable meeting will have the opportunity to review the updated LECC resource. This offers them a chance to provide any final feedback prior to the changes being implemented and the site being updated.

With AI advancing at a rapid pace, it is crucial for police agencies, prosecutors, and all criminal justice stakeholders to have the tools and resources to address this technology. This ensures not only the proactive utilization of AI to solve crimes and enhance community safety but also the capability to react and investigate offenses involving AI. The LECC is committed to furnishing the necessary resources and tools to navigate and progress with future technologies to build safer communities by reducing crime. ひ





Visit website for more information and request assistance



The Collaborative Reform Initiative Technical Assistance Center (CRI-TAC) provides no-cost customized technical assistance solutions designed to meet the unique needs of state, local, tribal, and campus law enforcement agencies throughout the United States.

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- Policy Assistance
- Agency Peer Exchange

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Agencies can request assistance in over 60 topic areas. To learn more or to submit a request for assistance, visit www.CollaborativeReform.org.







IACPnet is the top resource for effective practices, case studies, and other information to support police leaders as they navigate the ever-changing public safety landscape. Learn more and request a demo by visiting **theIACP.org/IACPnet**.

Reflects January 2024 data

PAGE VIEWS

18,021



MEMBER AGENCIES

Police professionals from agencies of all sizes utilize IACPnet to enhance programs and operations, to develop data-driven solutions, and for professional development.



NEW DISCUSSION POSTS

10

The IACPnet Discussion Board provides a **forum for users** to network, ask questions, and provide valuable expertise and guidance.

RESOURCES ADDED AND UPDATED

213

The Resource Library contains **policies, forms, and other publications**. Search results can be refined by criteria such as type, country, population, date, and more.

TOP RESOURCES

- Standards of Conduct
 - —Policy guidance from the IACP Law Enforcement Policy Center
- Firearms: Officer Carry, Training, and Safety
 - —Policy guidance from the IACP Law Enforcement Policy Center
- Uniform and Grooming Standards

—Policy from the Charlotte-Mecklenburg Police Department, North Carolina



FEATURED RESOURCE

Operationalizing Proactive Community Engagement

This guide examines how to operationalize proactive community engagement with clear expectations, mechanisms for accountability, and alignment with proactive crime reduction and crime prevention.



Access these resources and more at theIACP.org/IACPnet. For more information, call the IACPnet team at 800.227.9640.

106 POLICE CHIEF * APRIL 2024



TOP IACP BLOG POST

10 Steps to Building Your Department's Spouse Support Group

Guest Post: Kirsten Knorr, cofounder of Huntington Beach, California, Police Department Support for Officers' Spouses (S.O.S.) group

As a spouse of a police officer, you constantly worry about their safety and whether they are going to be home after their shift. After the tragic events in Dallas on July 7, 2016, where five officers were murdered, and nine others were injured, it really hit home that this could happen anywhere. This concern brought families of our department together for a group counseling session. I didn't know it, but my attendance was the first step into uncharted territory—creating a spousal support group.



Read this and other posts at **theIACP.org/blog**.

TOP POLICE CHIEF FEBRUARY BONUS ONLINE ARTICLE

Becoming a Learning Organization for Recruitment

By Jeremy. M. Wilson, PhD, Professor of Criminal Justice and Director of the Police Staffing Observatory, Michigan State University; Clifford A. Grammich, PhD, Director, Birdhill Research and Communications; and Terry Cherry, Senior Recruiter and Officer, Charleston Police Department, South Carolina



Read this and other articles at policechiefmagazine.org.

of the month



IACP President Carpenter, VP @rauschtbi & delegation attended the UAE Police College Graduation in which 35 candidates participated in the IACP/UAE Police Exchange Program. Post ceremony, IACP, Abu Dhabi Police College & 5 police organizations signed a collaborative agreement.



POPULAR IACP RESOURCES



- » OFFICER SAFETY AND WELLNESS RESOURCE PAGE
- » BARRICADED INDIVIDUALS (POLICY CENTER RESOURCE)
- STANDARDS OF CONDUCT (POLICY CENTER RESOURCE)



Find these and other important resources at **theIACP.org**.

FEATURED ITEM IN IACP MONTHLY JANUARY NEWSLETTER

Diversity, Equity, and Inclusion Policy Guidance



Well-designed diversity, equity, and inclusion efforts can produce positive outcomes for the police agency, for the individuals within a police

agency, and for the community the agency serves. The IACP Law Enforcement Policy Center has published policy guidance on diversity, equity, and inclusion to aid police leaders in understanding the developmental philosophy and implementation requirements for fostering a more diverse, equitable, and inclusive policing workforce.



Learn more at theIACP.org.

THIS MONTH'S QUOTE



Technology
doesn't
replace trained
professionals;
it helps good
people do their
best work.



Harnessing AI for Public Safety 34–39

CRI-TAC Reaches 1,000 Technical Assistance Engagements

BY Angela Sivak, Marketing and Communications Coordinator, IACP

This past year, the Collaborative Reform Initiative Technical Assistance Center (CRI-TAC) achieved a major milestone—more than 1,000 technical assistance engagements with police agencies. CRI-TAC is a program funded through the U.S. Department of Justice's Office of Community Oriented Policing Services (COPS Office) to provide no-cost training and technical assistance to state, local, tribal, territorial, and campus law enforcement agencies across the United States. The CRI-TAC team comprises of the International Association of Chiefs of Police (IACP) and eight other leading law enforcement associations.

CRI-TAC's achievement comes just six years after its creation in 2017. CRI-TAC was created to provide a "by the field, for the field" approach to police training and technical assistance, working alongside the following organizations to provide strategic insight and expertise:

- FBI National Academy Associates
- Fraternal Order of Police
- International Association of Campus Law Enforcement Administrators
- International Association of Directors of Law Enforcement Standards and Training
- National Association of Women Law Enforcement Executives
- National Organization of Black Law Enforcement Executives
- National Sheriffs' Association
- National Tactical Officers Association

Through the combined expertise of these associations, CRI-TAC delivers a variety of services. While CRI-TAC's most popular services include resource referral and training for both in-person and online settings, the program also offers consultations, policy reviews, and briefings by subject matter experts. Requests for CRI-TAC services are made voluntarily by agencies interested in improving services or launching new initiatives and are accepted on a rolling basis at no cost to the agencies.

The topics serviced by CRI-TAC vary widely as well, with popular topics including de-escalation; duty

to intervene; active threat response; officer safety and wellness; and recruitment, hiring, and retention. CRI-TAC also developed three new training curriculums in 2023. Take Action: Make the R.I.G.H.T. Choice and Intervene, which focuses on an officers' duty to intervene, and Hate Crimes Recognition and Reporting courses were launched in 2023, with both courses including train-the-trainer modules that allow agencies to train staff to provide ongoing instruction. The third training course focuses on improving police response to missing and murdered Indigenous persons. New training courses, including one focused on investigating and prosecuting hate crimes, are forthcoming this year; and CRI-TAC continues to expand its list of topic areas as new requests are received.

With CRI-TAC's flexibility and range of services and topics meeting a plethora of police needs, the program has received glowing evaluations. After each technical assistance engagement, CRI-TAC collects an agency's evaluation, many of which have praised the program for everything from its delivery of services to its subject matter experts, quality of information, and expansion of recipients' knowledge and ability to implement positive changes within their agencies.

This impressive milestone of more than 1,000 technical assistance engagements reflects the dedication and commitment by the CRI-TAC staff, partner representatives, and subject matter experts committed to meeting the needs of today's policing professionals. At a time when police agencies are facing major challenges and having to adapt to rapidly changing demands, CRI-TAC is here to help. ♥



If you would like to request CRI-TAC technical assistance for your own agency or learn more about the program, you can visit the COPS Office website: **cops.usdoj**.gov/collaborativereform.

CALENDAR

2024

5 -10

IACP Legal Officers Section Spring Training & Midyear Meeting

New Orleans, Louisiana

The Legal Officers Section assists in the establishment of professional standards, assistance, and cooperation among attorneys who provide legal advice or representation to law enforcement administrators.

theIACP.org/working-group/section/legal-officers-section

MAY **21**

23

IACP Technology Conference

Charlotte, North Carolina

The IACP Technology Conference provides training, professional development, and a forum for law enforcement executives, operational managers, and technology and research staff to share best practices and lessons learned on new and emerging technologies.

theIACP.org/tech-conference

5 6 -

IACP Public Information Officers Section Midyear Conference

Washington, DC

The IACP Public Information Officers Midyear brings together public information officers from across the globe to take a deep dive into new information sharing efforts, best practices, case studies, and more.

theIACP.org/events/conference/2024-iacp-public -information-officers-section-midyear-conference

JUN **17**

19

IACP Capitol Police Section Midyear Meeting

St. Paul, Minnesota

The IACP Capitol Police Section Midyear Meeting provides a networking opportunity for individuals responsible for providing police services for national or state/provincial elected leadership and related critical infrastructure. This 1.5-day meeting provides a forum for discussing emerging issues, sharing best practices and lessons learned, and connecting with peers.

theIACP.org/events/training/2024-iacp-capitol-police-section-midyear-meeting

AUG 4

7

2024 IACP State & Provincial Police Planning Officers Section (SPPPOS) and Academy Directors Section (SPPADS) Annual Meeting

Burlington, Vermont

The State & Provincial Police Academy Directors Section (SPPADS) and Planning Officers Section (SPPPOS) joint meeting discusses critical issues in state and provincial police agencies. SPPADS and SPPPOS members will have their own sessions as well as joint sessions to discuss any topics that overlap with policy, planning, and training.

theIACP.org/events/conference/2024-iacp-state-provincial -police-planning-officers-section-spppos-and-academy

16

18

IACP Impaired Driving and Traffic Safety (IDTS) Conference

Washington, DC

IDTS is the largest training conference for drug recognition experts and traffic safety professionals. Join traffic safety professionals from around the world to share approaches for improving road safety, the latest science on alcohol- and drug-impaired driving enforcement, leveraging technology, and using traffic safety education to engage communities.

theIACP.org/IDTSconference

ост **19**

22

IACP 2024 Annual Conference and Exposition

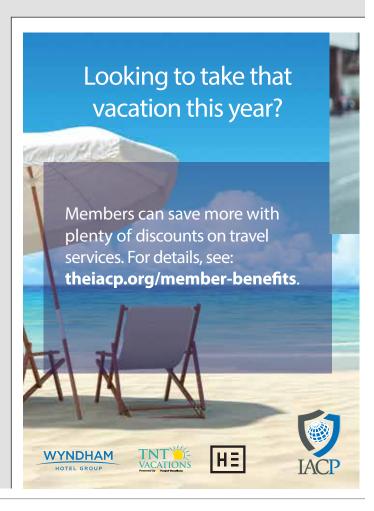
Boston, Massachusetts

theIACPconference.org

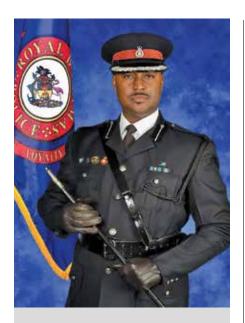
The IACP Annual Conference and Exposition is the preeminent law enforcement event of the year. Public safety professionals from across the globe come together to network with their colleagues, learn new techniques, advance their careers, and equip their departments for ongoing success.

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Visit **theIACP.org/all-events** to see more upcoming events.



Meet an IACP Member



Dr. Chaswell A. Hanna Assistant Commissioner of Police

Royal Bahamas Police Force

Agency Size: 4,000 sworn, 1,000 reserves

Total years of service: 31

IACP MEMBER SINCE 2019

Contact me: chaswellhanna@bahamas .gov.bs

Professional Profile

WHY DID YOU JOIN THE IACP?

To gain more exposure to the challenges faced by the global policing community and to learn more about international best practices and programs to reduce crime with a view to possibly introduce and implement them in the Royal Bahamas Police Force.

WHEN DID YOU FIRST HEAR ABOUT THE IACP?

2015

HOW HAS YOUR CAREER BENEFITED FROM YOUR MEMBERSHIP?

It has afforded me the opportunity to make significant contributions to the strengthening of professionalism and community policing in the Royal Bahamas Police Force, and I have been promoted three times since joining the IACP.

IS THERE AN IACP RESOURCE OR EVENT THAT HAS AIDED YOUR AGENCY OR COMMUNITY OR YOU IN YOUR CAREER?

Serving as a member and vice chair of the Community Policing Committee has strengthened the community policing programs and practices in the Royal Bahamas Police Force.

DO YOU HAVE ANY TIPS OR ADVICE FOR NEW IACP MEMBERS?

Take full advantage of all the IACP resources that interest you and connect with the global police leaders who excel in your particular field of interest in law enforcement.

WHY DID YOU CHOOSE A CAREER IN POLICING?

To serve our people and make the Bahamas an even safer place.

WHAT DO YOU LOVE MOST ABOUT THE PROFESSION?

The feeling you get knowing that you were able to help somebody and make a difference.

WHAT IS THE MOST CHALLENGING PART OF POLICING?

When the other areas of the criminal justice system don't function at the same level of the police.

WHAT CAREER ADVICE DO YOU LIVE BY?

Do the best you can for as much as you can for as long as you can.

WHAT ADVICE WOULD YOU GIVE SOMEONE WHO WANTS TO ENTER POLICING?

Understand that it will absorb most of your life, and it can be a thankless profession at times.

HOW DO YOU DEFINE SUCCESS?

Empowering others to carry on what you began.

WHAT KEEPS YOU UP AT NIGHT?

Nothing, I sleep well.

WHAT IS A PROGRAM, POLICY, OR TECHNOLOGY YOU HAVE IMPLEMENTED IN YOUR AGENCY THAT YOU ARE PROUD OF?

School Resource Officers. ひ

Personal Profile

WHAT INDUSTRY PUBLICATIONS DO YOU LISTEN TO, WATCH, **OR READ?**

Police Chief

WHAT IS YOUR FAVORITE LEADERSHIP BOOK?

Attributes of a Highly Effective Leader, Pass It On by Myles Munroe

WHO INSPIRES YOU?

God

DO YOU HAVE A FAVORITE OUOTE?

A mind is a terrible thing to waste.

WHAT IS A FUN FACT ABOUT YOURSELF YOU'D LIKE TO SHARE?

I love the Tennessee Titans.

66

[The best part of policing is] knowing that you were able to help somebody and make a difference.

"

CALLING ALL IACP MEMBERS

Interested in being featured in a future Roll Call? Contact editor@thelACP.org to express your interest. Your fellow members are waiting to meet you!



AUGUST 16-18, 2024 WASHINGTON, DC

The Impaired Driving and Traffic Safety (IDTS) Conference combines expanded education on promising practices and current trends in traffic safety, as well as the science and information on alcohol and drug impaired driving.

- EXPLORE promising practices to engage communities and facilitate roadway safety.
- LEARN the latest on alcohol- and drug-impaired driving to develop comprehensive cases for prosecution and adjudication.
- NETWORK with traffic safety professionals and drug recognition experts.

Registration & Housing open **April 2024**



LEARN MORE AT the IACP. org/IDTS Conference



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Policy Development

Don't go back to the drawing board on policy development, see what's working at other agencies

IACPnet is so useful to me. As a smalltown Chief. I do not have the luxury of commanders doing research for important issues such as hiring, internal affair questions/updates, and general overall running of the department. I depend on IACPnet weekly for different reasons. I have used the database for my officer evaluations (obtaining examples from like-size departments), internal compliant processes, and as of late, my hiring and

promoting of officers. This is just a sampling of what I use IACPnet for, but I am accessing it often for various admin reasons. For a small-town Chief, it's one of my best resources and a must to have."

Steven Davis

Chief of Police

Mountain View Police Department, CO

Online resources, tools, and e-libraries available on IACPnet:



GRANTS



TRAINING OPPORTUNITIES









Sign up for your free demo! www.IACPnet.com