

Pennsylvania Chiefs of Police Association



Request For Information
Local Technology Workgroup
Criminal Justice Technology
Forensics in Criminal Investigations
Biometric Identification of Criminal
Offenders

The Pennsylvania Chiefs of Police Association (PCPA) in cooperation with the Local Technology Workgroup (LTW) of the Pennsylvania Commission on Crime and Delinquency PCCD) is requesting any information that would assist, enhance or provide a benefit to its technology programs, forensic projects or biometric offender identification programs.

Background

For over twenty-five years the Pennsylvania Chiefs of Police Association has administered programs for the Pennsylvania Commission on Crime and Delinquency in cooperation with state and local criminal justice agencies to improve law enforcement technology, crime scene forensics and the identification of criminal offenders.

Central Booking

Over the last three decades, the Association has administered millions of dollars in federal, state and local funds to build a network of arrest booking locations to electronically capture the demographic data and the biometric data (digital hand prints, digital images of face, scars, marks and tattoos) of criminal offenders.

Today, the Association manages one hundred and eighty locations and assist the state through the LTW in manage another ninety-four locations.

Video Arraignment

The Association provided or assisted most of the central booking locations and the Pennsylvania courts to include video conferencing capabilities connected to the magisterial judges to provide preliminary arraignment without transporting the offender.

Commonwealth Photo Images Network (CPIN)

The Pennsylvania Justice Network (JNET) is a partner in the LTW and in many of the Association's programs. The Commonwealth Photo Image Network is one of those partnerships. CPIN provides the digital arrest images (faces, scars, marks and tattoos) online to over twelve-hundred police departments, hundreds of jails, probation/parole offices and the thirty-thousand officers using JNET. CPIN provides individual searches and lineups for investigators.

JNET Facial Recognition System (JFRS)

The Pennsylvania Justice Network Facial Recognition is a facial recognition system that uses the facial images provided by central booking and stored in CPIN to compare with other facial images from investigators. JFRS is used by trained investigators to assist in criminal investigations where surveillance images are available. This is a program provided by JNET in partnership with LTW and the Association.

Pennsylvania Crime Network (CNET)

The Pennsylvania Crime Network (CNET) is a joint police records management program used by numerous police departments in the state. CNET is another program provide through JNET in cooperation with LTW and the Association. It provides the police with advanced record keeping and is capable or reporting national incident-based reports (NIBRS) to the state and FBI. It

interfaces central booking and the PD evidence system to transfer evidence to the crime lab for examination and electronically report the results back to the investigatory report.

Cumberland County Laboratory Management System (CCLMS)

The Cumberland County Laboratory Management System is a demonstration program in cooperation with LTW, JNET, the Association and the Cumberland County Crime Laboratory to create a laboratory records system that interfaces the police records management, the police evidence system, the prosecutor's records system and leverages JNET for messaging. The system provides for single data entry and data transfer to reduce time and effort and reduce delays in analyzing evidence and providing reports.

Mobile Identification Device System (MIDS)

The Association with the Pennsylvania Commission on Crime and Delinquency's Local Technology Workgroup, JNET and in cooperation with the Pennsylvania State Police provides Mobile Fingerprint ID devices to police departments to conduct fingerprint searches from the field.

In cooperation with the Pennsylvania Justice Network, the Association has established a secure server and infrastructure to receive the transmissions from the Mobile ID device and transmit it securely to JNET and then to the Pennsylvania State Police Automated Fingerprint Identification System (AFIS).

The Association provides the Mobile Fingerprint ID Devices. These operate on a managed secure cellular network that is included with the device. The Association is managing 240 devices and continues to expand this project.

AFIS and Latent Fingerprint Workstations

The LTW and the Association assists the State Police Automated Fingerprint Identification System (AFIS) in numerous programs. The Association provides hands on training for the central booking operators to capture finger and hand prints, along with online refresher and micro-learning lessons to aid them capturing correct data and the best images. Periodically, LTW and the Association sponsor addition fingerprint/palm print, latent finger/palm print courses and provided crime scene search assistance with alternative light source equipment. LTW and the Association support fifteen local or county operated latent workstations and their examiners that use the State Police AFIS.

Rapid DNA

The Association in cooperation with PCCD's LTW is assisting Cumberland County's Crime Lab in a project to use Rapid DNA and expand the use of DNA in more criminal cases. This project already solved a case in hours. PCCD is also assisting a similar Rapid DNA project in Bucks County.

Pennsylvania Virtual Training Network (PAVTN)

The Association in cooperation with PCCD, the Municipal Police Officers Education and Training Commission and numerous other organizations provides online training through the Pennsylvania Virtual Training Network (PAVTN). The PAVTN is currently serving over 20,000

municipal police officers, sheriffs, probation/parole officers, corrections officers, and school and campus police officers. Through the PAVTN municipal police officers can earn all their required annual updated training. The PAVTN offers over sixty classes in two curriculums. Several PAVTN courses have won national and international awards.

New Direction

While the Association and the PCCD continue to support these projects, they want to build on them and provide more assistance to local police, crime scene units and crime laboratories. For example, recently PCCD and LTW demonstrated Vacuum Metal Deposition (VMD).

VMD is the physical process of coating evidence with very a thin metal film under high vacuum. Gold, Zinc, Silver, Tin, Aluminum, and some alloys are used to coat the substrate. The result is a reversed developed latent print. Since the process coats the substrate and not the latent print, it does not interfere with the collection of samples being submitted for DNA analysis. VMD can be used to develop grab marks on fabric to aid in the collection of DNA. LTW is now looking to add this forensic technology to its projects.

Request for Information

To look for new directions to build upon their current projects, the Association, PCCD and LTW are requesting Information for anyone in the business of supplying equipment or services that would add additional capabilities, improve technology or be useful in criminal forensic work.

All information should be emailed as attachments to cjbraun@pachiefs.org or mailed to Christopher Braun, PCPA, 3905 N. Front Street, Harrisburg, PA 17110-1536.

Information should be as specific as possible, describe the product, service and the cost.

All information is requested by 4:00PM, April 24, 2018. Please include email and phone contact information.

Product Demonstrations

The local technology workgroup will review the information and present it at two meetings.

The first Meeting will be held on June 14, 2018 at the Penn Stater in State College PA. The committee expects that some items may be selected for further review and some vendors will be invited to display or explain their product and service to a group of 250 criminal justice officials at this meeting,

The second presentation will take place at Pennsylvania Chiefs of Police Association's Annual Education and Training Conference, June 17 to June 20, 2018 at the Kalahari resort and convention center, 250 Kalahari Boulevard, Pocono Manor, PA 18349. Vendors are encouraged to participate in the exhibitor portion of the conference and take the opportunity to network with several hundred law enforcement leaders in the State. More information can be found on the PCPA Web site <https://pcpa.memberclicks.net/exhibitor-information>.

Any question about this RFI must be emailed to cjbraun@pachiefs.org.