CLEMIS Times

2008
First Edition

Courts & Law Enforcement Management Information System Oakland County Information Technology

New Web Applications Developed In-House

By John Hoppesch, CLEMIS Analyst

CLEMIS is very pleased to announce the launch of two new products that were briefly demonstrated at the October 2007 Advisory Committee meeting: the Auto Impound and Evidence & Property Management Systems. Both products were designed in-house by CLEMIS staff with the input of experts at several participating CLEMIS agencies.

Both of these new systems have the ability to import data from the CLEMIS NetRMS (Records Management System), eliminating the need for duplicate entry. In the case of a Property Room, we estimate officers were writing the same information up to five times. Features of both systems include: auditing, data import, built-in bar coding technology, and a complete chain of custody.

Since these are web developed applications, there is no software to purchase or install, and training is minimal. CLEMIS offers the option of importing data from older legacy systems into the new systems. Best of all, the products are being offered free to CLEMIS members who are paying their quarterly membership fee.

It is important to note: If your agency currently uses the CLEMIS Property Room PC-based Access program, support on this system ended December 31, 2007. You should consider upgrading to the new Evidence and Property Management System ASAP.

If you are interested in either the Auto Impound or Evidence & Property Management System and would like more information, please contact the IT Service Center @ 248-858-8812 or servicecenter@oakgov.com and your request will be forwarded to the appropriate CLEMIS staff.

CLEMIS FRMS Users Testing Field-Based Occupancies

By Tracey McGee & Colleen Prosyniuk, CLEMIS User Support Specialists

In fall 2007, the CLEMIS Fire Records Management System (FRMS) program began beta-testing the Zoll Data Systems (formerly BIO-Key) field-based occupancy module. Current beta-test agencies include Auburn Hills, Brandon Township, and Oakland Township.

By serving as a technical link among multiple agencies, CLEMIS promotes communication and sharing of criminal justice information.

CLEMIS standards and policies, as established and monitored by the Advisory Committee, are important in assuring the integrity of information entered into the CLEMIS System . . .

Fire departments use company inspections or individual fire inspectors to check occupancies for fire prevention compliance. Many departments still use paper forms for their field-reporting tasks, and then return to the station to re-enter that same information into a records management system. With mobile inspections, reporting can be completed in the field and includes information such as:

Permits
Violations
Letters
Historical Inspection Records
Pre-Plans
Building Construction & Suppression Information
Contact Information
HazMat Data
Quick Attack Plans
Photos
Blueprints

The Occupancy module within FRMS has been enhanced to improve the mobile experience for the fire inspector. An inspection checklist was added to quickly select any applicable findings, and a signature capture box records the occupant's signature after reviewing the report. As the on-site inspection is completed and the necessary occupancy data is updated, the data collected must be synchronized with the master fire record's database. This is accomplished through a sync manager utilizing Microsoft Merge Replication technology.

In addition, CLEMIS staff is in the process of entering the 2006 International Fire Codes for the use and reference of the inspectors. One mobile license has been purchased for each participating FRMS agency.
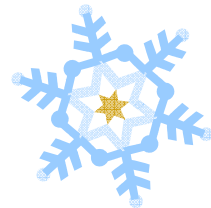
Welcome New Agencies

The following police department was approved as a new CLEMIS participant in July 2007 :

Taylor Police

Welcome !

NEWS RELEASE

Oakland County & Canton Public Safety
Wins Statewide IT Collaboration Award

By: Bob Dustman, Oakland County Media and Communications Officer

Pontiac, Michigan, October 18, 2007 – Oakland County was honored with the Michigan Excellence in Technology Award for Best IT Collaboration at the Michigan Digital Government Summit held in Lansing.

Oakland County received the award for creating an interactive community-oriented policing and public emergency management web site for Canton Township (Wayne County) www.cantonpublicsafety.org .

The Canton Department of Public Safety web site is noteworthy because it highlights Oakland County's ability to apply its technology resources for regional benefits outside Oakland County.

"Criminal activity and public safety concerns are not limited by geographical community boundaries. Oakland County's effort to prevent and reduce crime in the region has a positive affect on everyone, no matter where they live," said Oakland County Executive L. Brooks Patterson.

From left to right:
Communication Specialist Barbara Caruso and Sgt. Deb Newsome from Canton Twp Public Safety, Pam Zawisa, Sandy Jaszczak, and Jim Taylor from Oakland County's E-government Team were all present to receive the award.

"This award recognizes Oakland County's commitment to the smart use of technology that benefits all citizens. We're especially proud to be recognized as one of the top government collaborators in the State of Michigan," said Phil Bertolini, Oakland County CIO and Deputy County Executive.

Through its CLEMIS Community CrimeWatch program, Oakland County provides Canton Public Safety with the communication tools they need to immediately publish time-sensitive information about local crimes and citizen safety information by neighborhood.

The Michigan Excellence in Technology Awards Program was established to salute IT professionals in Michigan state and local government organizations for their dedication, hard work and contributions. Categories recognize leadership, innovation, collaboration and stellar achievements by state and local governments.
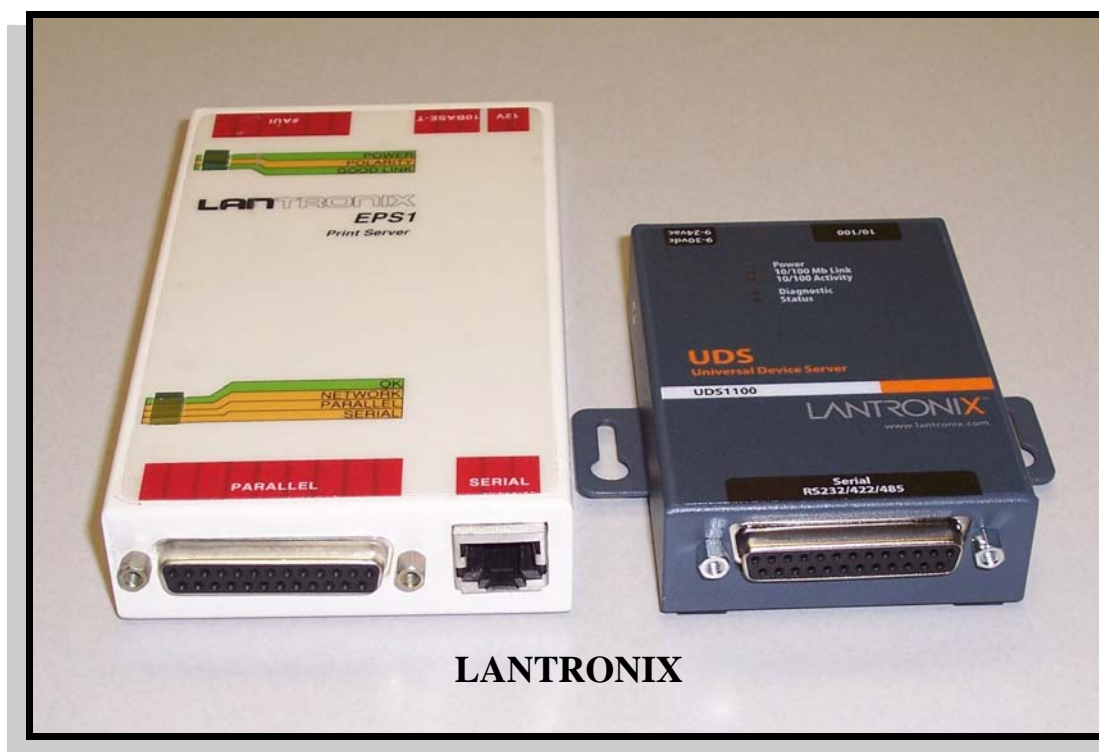
LANTRONIX ???

By George Butler, CLEMIS User Support

LANTRONIX - - - "Have you seen me???"

Below are pictures of LANTRONIX devices (UDS - Universal Device Servers) that are located at most of the Oakland County CLEMIS PSAP's. This device enables communications between your 911 providers and CLEMIS CAD (Computer-Aided Dispatch).

It is important that all shifts at your agency know where this device is located: usually it is in the Dispatch area or near the 911 equipment. It could be located in an equipment closet and may be hard to find. If there is not a label on this device that says LANTRONIX, please label it so it is large and easy for your staff to see.

You will have only one of the models pictured below: the larger beige device on the left was the original server used. If the server needed to be replaced, you may have the smaller darker device on the right. The picture below shows you the minor differences in color and size.

LANTRONIX

If you are having 911 auto-population-to-CAD problems, please contact the IT Service Center. At some point, you may be asked to reset the power to this device and will be walked through this procedure by CLEMIS personnel. This is why it is important to *train staff at your agency exactly where the 911 LANTRONIX device is located at your PSAP*. Also remember:

<u>Never reset the LANTRONIX device unless instructed to do so by CLEMIS staff</u> !

CLEMIS CAPFIS Go's Live

By Lt Kim G Rossman, Oakland County Sheriff's Office

On November 26, 2007 the CLEMIS CAPFIS (Cogent Automated Palm and Fingerprint Identification System) went on line. This AFIS, unlike any other in the State of Michigan, is capable of storing, searching, and comparing palm print submissions from palm scan units along with palm latent impressions taken from crime scenes. The CAPFIS performs at a rate of 675,000 image comparisons per second.

As a result of our data sharing initiative with the Michigan State Police, the CAPFIS currently houses over 2.8 million records and is growing at a rate of 1500 records per day. As CLEMIS continues to deploy new palm scan units to its member agencies, the number of palm impressions on file will also continue to grow.

Used in conjunction with the palm and live scan units, the CLEMIS CAPFIS performs a "matching and identification' search against all submitted fingerprint records. If a match is made against a record in the database, demographic information along with a mugshot photo is immediately sent back to the submitting live scan device, typically within three minutes or less. (See illustration below)

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THE FOLLOWIING INFORMATION IS RESTRICTED FOR OFFICIAL LAW ENFORCEMENT USER ONLY.
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BOOKING AGENCY: MI63163L7
IN RESPONSE TO YOUR LIVE SCAN IDENTIFICATION REQUEST REGARDING SUBJECT:
"MCDONALD,RODDY","M","19560801","CIT00000000340"
YOUR SUBJECT HAS BEEN IDENTIFIED BY FINGERPERINTS AS HAVING RECORD(S) IN THE
CLEMIS CAPFIS DATABASE UNDER

THE CLEMIS MAIN NUMBERS OF / CLT0386393
HIS / HER PRIMARY INFORMATION IS LISTED BELOW.
NAME: WILLIAMSON,EDWARD
RACE: W
SEX: M
DATE OF BIRTH: 19650805
SID:
FBI:
EYE COLOR: BLK
HAIR COLOR: BRO
HEIGHT: 511
WEIGHT: 200
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YOUR IDENTIFICATION REQUEST HAS BEEN FORWARDED TO THE MICHIGAN STATE POLICE
FOR AN ADDITIONAL IDENTIFICATION INQUIRY. RESULTS OF THAT INQUIRY WILL BE
SENT TO YOU DIRECTLY FROM THE MICHIGAN STATE POLICE.
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In the first quarter of 2008, the CAPFIS will become an integral part of the CLEMIS Portable ID solution. These small portable devices are capable of submitting two fingerprint impressions back to the CAPFIS for analysis purposes. If a match is located within the CAPFIS database, two secondary searches will be launched. The first is a LEIN Wants and Warrants search for outstanding warrants, while the second is a search against the CLEMIS PictureLink mugshot imagebase for a recent photo of the subject in question. A single response containing the image, suspect demographics and any outstanding warrants will be delivered back to the officer's MDC using the Cogent LiveID application.

In addition, through the CAPFIS, CLEMIS will merge biometric technology with demographics based information. Arrestees in the NetRMS application will be linked to their fingerprint record within the CAPFIS. Therefore, regardless of the name given at arrest, information regarding previous arrests based on biometric confirmation will be available to the investigator.

Finally, agencies who obtained latent palm impressions at crime scenes are urged to contact the Forensic Science Lab of the Oakland County Sheriff's Office to have their palm latents inserted into the CAPFIS. The telephone number for the Forensic Lab is (248) 858-5018.

Palm Scan Deployment / Live Scan Upgrades

By Lt Kim G Rossman, Oakland County Sheriff's Office

On November 26, 2007 CLEMIS began the process of deploying new Palm Scan units to 43 of it's member agencies. These new palm units utilize Windows XP in order to provide the user with a streamlined demographic and GUI interface by which to retrieve and enter data. Most importantly, these units are capable of electronically capturing the full palm impression along with the tenprint images and data, and sending this packet of information back to the CLEMIS CAPFIS (Cogent Automated Palm and Fingerprint Identification System) for record searching and storage. Deployment of the new Palm Scan units is scheduled to be completed by the end of January.

In addition to the unique palm capturing capability, the palm scan units work in conjunction with the CLEMIS PictureLink application to import the subject's mugshot image and demographics directly into the application. This allows the officer to visually confirm that the person being fingerprinted is the same individual whose mugshot image and data was captured moments earlier. By importing the demographic data directly into the Palm Scan system, we are able to link the subject's demographic information with his biometric information for later use in other CLEMIS applications such as PictureLink, NetRMS, and the IMACS Jail Management application.

Other features on the new Palm Scan units include the following:

♦ Return messages directly back to the Live Scan unit from the CLEMIS CAPFIS. As suspect fingerprints are submitted to the CLEMIS CAPFIS, a search of the fingerprint database will take place to determine if the person has a prior record in the CAPFIS system. If a prior record is located, the demographic information associated with that suspect along with an image is returned back to the palm scan unit. The results of the State and FBI search will also be returned back to the palm scan unit. (Refer to the CAPFIS Hit Message below).

CLEMIS CAPFIS Hit Message

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*****************************
THE FOLLOWIING INFORMATION IS RESTRICTED FOR OFFICIAL LAW ENFORCEMENT USER ONLY.
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IN RESPONSE TO YOUR LIVE SCAN IDENTIFICATION REQUEST REGARDING SUBJECT:
"MENENDEZ,ERIC","M","19750205","C207331027H"

     YOUR SUBJECT HAS BEEN IDENTIFIED BY FINGERPERINTS AS HAVING RECORD(S)
     IN THE CLEMIS CAPFIS DATABASE UNDER
     THE CLEMIS MAIN NUMBERS OF / CLT0155362
     HIS / HER PRIMARY INFORMATION IS LISTED BELOW.
     NAME: PINEDA-GONZALEZ,ERIK
     RACE: W
     SEX: M
     DATE OF BIRTH: 19790205
     SID:  2451421K
     FBI:
     EYE COLOR: BRO
     HAIR COLOR: BLK
     HEIGHT: 510
     WEIGHT: 170
```
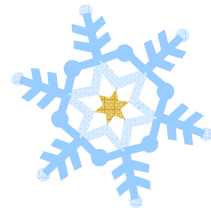


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YOUR IDENTIFICATION REQUEST HAS BEEN FORWARDED TO THE MICHIGAN STATE POLICE
FOR AN ADDITIONAL IDENTIFICATION INQUIRY. RESULTS OF THAT INQUIRY WILL BE
SENT TO YOU DIRECTLY FROM THE MICHIGAN STATE POLICE.
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♦ A built-in palm scan training video. This video created for CLEMIS users facilitates the training process for new officers through an in-depth presentation of the screens and image capture process.

Deployment / Upgrades Cont'd
By Lt Kim G Rossman, Oakland County Sheriff's Office

♦ The ability to print fingerprint cards only on demand. As the State Police continue to migrate away from accepting "hard" fingerprint cards, agencies can choose whether or not they will produce a fingerprint card for their records. With the release of the CLEMIS Web Archive internet accessible application, agencies can query subject information and retrieve fingerprint, palm prints, mugshots, and demographic data on demand. With this expanded capability, many agencies may decide to print fingerprint cards and mugshot images only when the need dictates. The elimination of the fingerprint card printer will serve to reduce the overall cost of the system.

Upon completion of the Palm Scan deployment, 24 additional CLEMIS agencies will have their existing Live Scan systems upgraded to the new Enterprise software. In addition to the software upgrade, those agencies will receive new monitors, towers, and agency training in the new application from Identix trainers. With the exception of the palm capture capability, these agencies will enjoy the same benefits listed above as those agencies receiving palm scan units.

As CLEMIS continues to deploy more palm scan units to the member agencies, the size of the palm database within the CLEMIS CAPFIS will continue to grow. Used in conjunction with the ability of the CAPFIS to process palm latent impression from crimes scenes, we fully expect to see suspects identified and crimes solved that heretofore would have gone unresolved.

CLEMIS Web Archive System
By Lt Kim G Rossman, Oakland County Sheriff's Office

In January 2008, the CLEMIS Web Archive Record Storage system will be available to all CLEMIS agencies. This application available via internet was developed to provide the CLEMIS community with web access to the fingerprints, palm prints, mugshots, and demographic data of persons arrested in the State of Michigan. In conjunction with the data sharing initiative between CLEMIS and the Michigan State Police, all arrest records coming from agencies across the State of Michigan will be forwarded to the CLEMIS Palm AFIS for storage and record searching. This information, along with those records created by CLEMIS agencies, will be available for searching and downloading to the user's local computer via the CLEMIS Web Archive.

As its name implies, the Web Archive system is a collection of arrests accumulated by the individual. Searching on one individual may bring back a collection of his or her previous arrests. Currently, the CLEMIS Palm AFIS database houses over 2 million fingerprint records and is growing at a rate of over 1000 records per day from non-CLEMIS agencies across the State.

User access to the CLEMIS Web Archive site is through the http://capfis.oakgov.com/login web portal and does require a user name and password. If you are interested in access to the CLEMIS Web Archive Record Storage system or would like more information about the system, please contact the IT Service Center @ 248-858-8812 or servicecenter@oakgov.com and your request will be forwarded to the appropriate CLEMIS staff.

IT / CLEMIS Service Center

If you have a question re: any CLEMIS application, please have your System Administrator call or e-mail 248-858-8812

servicecenter@oakgov.com

IT's Service Center staff takes the initial call and forwards any outstanding law enforcement and fire department issues to CLEMIS staff.

NEW NUMBER
I T / CLEMIS
Service Center
248 - 858 - 8812

Please use this new number for Oakland County Information Technology's Service Center. IT staff will take the initial call and forward any outstanding law enforcement and fire department issues to the CLEMIS Service Center.

What do I do with Old CLEMIS Equipment ?

Please do not dispose of any CLEMIS or grant funded equipment.

If you are replacing your agency's PCs, MDCs, printers, etc., originally provided by Oakland County CLEMIS, please contact IT's Service Center to have the original equipment picked up by a technician.

Royal Oak's Success

By Sgt. Christopher Annetta, Royal Oak PD

On August 1 2007, a Royal Oak detective received information from a Crime Task Force that a "John Doe" was thought to be committing residential B&E's to support a drug addiction. The detective ran this "John Doe" through CLEMIS PictureLink to obtain a picture. The picture was quickly obtained, attached to a "Be On the Lookout"(BOL) poster, and made available to the patrol officers.

On August 5 2007, two Royal Oak patrol officers were called to investigate two suspicious males that were begging door to door. A witness reported that one of the males knocked on the door of her neighbor, while the other male went to the rear of the house and placed a chair under a window. The male began looking through the window until being questioned by the witness.

Royal Oak police officers arrived on scene and spoke to the two male suspects. Through their investigation, the two males were arrested for Possession of Crack Cocaine. One of the subjects arrested gave a false name to the officers. This individual was then fingerprinted with another CLEMIS provided system (LiveScan), which resulted in obtaining his real identity. The officers then recognized that their arrestee was the "John Doe" on the BOL poster. The detective was informed of the arrest, who then interviewed "John Doe" for further information.

Thanks to CLEMIS PictureLink and LiveScan Systems, the Royal Oak Police Department was able to properly identify and possibly prevent this individual from committing more crimes.

Interested Agencies

Any agency that submits a written request to join CLEMIS by April 14, 2008 will be reviewed by the CLEMIS User & Terminal Committee April 24, 2008 at 1:30pm. A representative from your agency is required to attend or the request will be reviewed at the next quarterly meeting.

A recommendation will be presented to the CLEMIS Advisory Committee that afternoon.

CLEMIS agencies share data and use advanced technology that improves homeland security, identifies suspects, and solves crime.

NEW Search Tools
By Penny Peters, CLEMIS User Support

Did you know that the old CLEMIS mainframe search tools do not search all available data?

CLEMIS has developed a new search tool which accesses old mainframe data as well as all new NetRMS data. The ability now exists to search on people, addresses, arrests, businesses, incidents, identifiers, and alias's as well as two new searches; sexual offenders and parolees/probation information.

Sexual offender's data became an issue when the State would not share the information with the CLEMIS participants. A program was written to extract data from the state's web site but when the State changed their website January 1[st], the program would no longer work. Recently, CLEMIS programmers developed a way to successfully extract that data. This information is now available not only in InfoView and CrimeIMS but also in the CLEMIS web search where we were able to add State pictures for viewing.

Additionally, Parolee data has consistently been available and updated monthly over the last two years but pictures have not been displayed until now. Available pictures through OTIS have been extracted and imported for display in CLEMIS's web search as well.

The CLEMIS search is embedded in NetRMS under the FIND feature, where you can find a narrative search specific to your agency. This search allows you to search words or phrases such as "Chevy" or "red pickup". The search engine will bring back all narratives with the words or phrase.
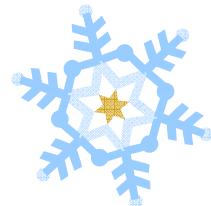
Pawn information has advanced the search further; a screen will indicate "Pawn Records found - to view, scroll to the bottom of the page". At the bottom of the page, available pawn information is displayed.

When inputting your search criteria, a pop-up will warn you if the person fitting your criteria has applied for a firearm permit as well.

A great feature of the new CLEMIS web search is written by in-house CLEMIS programmers who can enhance the search capability at any time without waiting for an outside vendor's assistance.

You can find the web search either in NetRMS or from the CLEMIS Links page. If you have any questions, please call the IT Service Center at 248 858-8812 and you will be directed to the CLEMIS on-call person.

visit the CLEMIS web site at: www.clemis.org

800 MHz Radio System Update
By Patricia Coates, CLEMIS

The sixty-day operational test of the OpenSky 800 MHz radio system began October 2, 2007 in Farmington City.

This is the final contractual step required prior to implementation of the new system. If there are no "major" issues during the sixty-day period, implementation will begin in December, and should take approximately six months. "Major" issues are defined in the test plan as ones which interrupt communications. In the first two weeks of the test, no "major" issues have occurred.

More than 450 fire vehicles have been pre-wired for the mobiles in order to expedite installation. The pre-wiring of law enforcement vehicles began in early October and will continue for several months.

Radio consoles have been installed in all 27 of the participating Oakland County dispatch centers, and dispatcher training and final programming adjustments are continuing.

The Radio Oversight Policy Subcommittee is working diligently to finalize the Policy and Procedure document and the user training. It is anticipated that agencies should plan on a full eight-hour training class for each user, as it is essential that all users understand the system itself, and not just the operation of the equipment.

Feel free to visit the CLEMIS Radio web site at www.oakgov.com/radio for more information about the radio system.

The CLEMIS vision is to empower criminal justice and public safety agencies to maximize the use of collected data, so they may enhance their daily operations and perform comprehensive planning.

Quick Updates
By Vickie Aldred, CLEMIS Supervisor

CLEMIS CAD
There will be a grand total of 75 PSAPs LIVE by January 2008.

CLEMIS NetRMS
There will be a total of 95 agencies on CLEMIS NetRMS by January 2008.

CLEMIS FIND
CLEMIS Find (Search) has been enhanced to include Sex Offender information and Parolee Data (including photos).