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James F. Slater, III, Acting Commissioner

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DCJIS ANNOUNCEMENTS

Firearms FA-10 Form Changes

On June 1, 2011, the electronic Massachusetts Firearms Registration and Transfer System (E-FA-10) was successfully released. Available at: <https://mircs.chs.state.ma.us/fa10>, this internet-based application allows residents of the Commonwealth to safely and securely submit firearms transfer and registration records electronically from any internet-enabled computer.

While E-FA-10 provides a simple, confidential, and secure option for recording firearms transactions from any internet-accessible computer, the Firearms Records Bureau (FRB) recognizes that there are some residents who may have difficulty accessing the internet. As a result, the FRB will continue to provide individually numbered FA-10 forms to local police departments for these residents.

PDF-formatted, photocopied, and electronic versions of FA-10 forms are no longer furnished by the DCJIS, are not approved, and cannot be accepted or processed by the FRB. Please do not provide residents with photocopies of FA-10 forms. All copies, PDFs, and other non-approved forms will be returned to the sender.

Please contact the FRB at (617) 660-4782 if your department is running low on individually numbered paper FA-10 forms or if you have any additional questions about the new system.

PROJECT SPOTLIGHT

iCJIS Message Switch Update

The Department of Criminal Justice Information Services (DCJIS) continues to work with various vendors on the implementation of the new integrated Criminal Justice Information System (iCJIS). Software development is scheduled for completion by April, 2012, after which system testing will be conducted by DCJIS and Executive Office of Public Safety (EOPSS) Office of Technology and Information Services (OTIS) personnel, as well as by personnel from approximately 50 state and municipal law enforcement agencies. The DCJIS is working hard to rollout the new iCJIS by the end of September 2012.

The DCJIS has received several inquiries regarding yearly maintenance requirements. Currently, each CJIS participant is required to have a maintenance contract with an approved vendor which covers the CJIS router, the primary CJIS terminal, and the CJIS printer. Agencies which enter records into the CJIS must carry 7x24 hour maintenance on these devices, while those agencies which operate on a part-time basis only (and, therefore, cannot enter records) may have 5x8 hour maintenance.

With the implementation of the new iCJIS message switch, CJIS participants will receive a software package called Messenger, which will allow access to all CJIS functions. Since Messenger is a software only solution, it can be run on any compatible personal computer. This, in turn, means that, should an agency's primary CJIS terminal fail, the Messenger software can be loaded on another PC within the agency as long as that PC is connected to the CJIS network. Additionally, with Messenger, messages received from CJIS will not print automatically as they do now. And since an agency now gets to choose which CJIS messages it prints, it can print those messages on any printer connected to its internal network. While the DCJIS will continue to encourage participants to have a maintenance contract in place for all devices accessing the CJIS, once the iCJIS message switch is implemented, agencies will no longer be required to carry maintenance on their CJIS terminal(s) or on their CJIS printer(s). Agencies will only be required to have maintenance on the CJIS router. As is currently the case, agencies which enter records into CJIS will be required to have 7X24 hour coverage on their CJIS routers; part-time agencies will be required to have a minimum of 5x8 hour coverage.

Should you have any questions about the new iCJIS message switch or about CJIS maintenance, please contact the CJIS Support Services Unit via phone at 617.660.4710 or via email at cjis.support@state.ma.us.

Single Sign-On and Adaptive Authentication

Since the Department of Criminal Justice Information Services (DCJIS) began implementing web-based applications on the Criminal Justice Information System (CJIS), users have been required to log in using a unique Username and Password. The use of these credentials allows the DCJIS to identify who conducted a particular transaction. The information on each user is maintained within the CJIS User Access database.

Unfortunately, one of our earlier (and most utilized) applications, CJIS Web RMV, was implemented before the advent of the User Access database. As a result, users have a second set of credentials which they must use in order to access the CJIS Web RMV program. Additionally, the Board of Probation file application on the old CJIS mainframe also requires a different set of login credentials. These multiple “identities” are confusing for users and make the management of user credentials very difficult.

In an effort to improve the management of user identities, the DCJIS, in conjunction with the Executive Office of Public Safety and Security’s (EOPSS) Office of Technology and Information Services (OTIS), is working to implement two technologies which will streamline user access to all CJIS applications and will also improve the security of the CJIS system.

The first technology to be implemented is known as Single Sign-On. This application is built on top of the current User Access database. Once implemented, users will use their web browsers to navigate to a Single Sign-On portal. Navigation to individual CJIS applications will no longer be possible. At the portal home page, a user will enter his/her Username and Password one time. He/she will then be presented with a list of links to all of the CJIS applications which he/she is authorized to access. Only the applications the user is authorized to utilize will appear in the list. By clicking on one of the links, the user will be directed to the requested application and will never be required to provide his/her login credentials again. It is anticipated that the new Single Sign-On portal will be available for use by the end of June 2012.

The second security technology to be put into production is called Adaptive Authentication (AA). A product of RSA Security, this tool will also work in conjunction with the CJIS User Access database. It will provide the CJIS with an authentication mechanism which is exactly the same used by many banks to allow internet-based transactions. Adaptive Authentication will provide an added layer of security to the CJIS while, at the same time, allowing users the flexibility of accessing the CJIS via a variety of devices and over a variety of networks. It will do this by determining at login if a device has been used before to access the CJIS. If it does not recognize the device, it will prompt the user to answer several security questions before it will allow access to continue. In addition, the Adaptive Authentication software will analyze usage patterns on a continuing basis. If a particular user’s usage behavior changes, the user will once again be prompted to answer security questions before CJIS access will be allowed. The implementation of the AA technology will increase CJIS network security and will also bring the state into compliance with current FBI CJIS security policies. It is anticipated that the Adaptive Authentication product will be implemented in early 2013.

Statewide Fiber Optic Backbone

The Executive Office of Public Safety and Security (EOPSS) is progressing on its long term project to design and deploy a statewide fiber optic backbone. The goal of the project is to interconnect the Commonwealth's public safety facilities with high speed fiber optic network connections to facilitate the next generation of reliable data, voice, and video communications.

The current initiative includes the installation of new fiber optic cables, along with the design and equipment, to connect key public safety facilities. In addition, EOPSS is coordinating with a number of Commonwealth networking initiatives, including the Massachusetts Emergency Fiber Telecommunications Optical Network (MEFTON) managed by the Massachusetts Department of Transportation (MassDOT), the Massachusetts Broadband Initiative (MBI) in Western Massachusetts, OpenCape on Cape Cod, as well as other State partners. Figure 1, below, illustrates how numerous fiber rings will connect to make up the statewide fiber backbone.



Figure 1. Envisioned Statewide Fiber Optic Backbone

The METFON initiative will connect several public safety sites and traffic control centers in the Metro Boston area. Together with EOPSS, a new high capacity fiber network will extend from the Public Safety Data Center in Chelsea, to the McCormack State Office Building in Boston, on to the State Police / MEMA campus in Framingham, and then to the Second Data Center in Springfield where it will interconnect with MBI. Equipment will be placed at strategic locations along this route to allow future expansion of the statewide backbone.

With American Recovery and Reinvestment Act (ARRA) Broadband Technology Opportunities Program (BTOP) funding, the MBI is currently building the Mass Broadband 123 network. This network will have over 1,300 miles of fiber reaching over 120 communities in Western and North Central Massachusetts. One thousand four hundred (1,400) Community Anchor Institutions (CAI's) will be connected, including public safety facilities, community colleges, libraries, medical facilities, town halls, and others.

The OpenCape initiative is another ARRA/BTOP program, constructing 350 miles of fiber in Southeastern Massachusetts. Initially, 70 CAI's will be connected including several public safety facilities. The project also includes a public safety backup microwave radio overlay and hopes to deploy a 700Mhz Broadband wireless mobility network for public safety vehicles.

In addition to its own network build-out, EOPSS is coordinating all of these initiatives to best satisfy the growing communication needs of public safety. Over the next few years, a substantial portion of the current Criminal Justice Information System connections will be migrated from the legacy frame-relay network to the Commonwealth's next generation fiber optic network. Other public safety facilities, including fire, EMS, corrections, and PSAPs, also will be able to take advantage of this new infrastructure. The dramatic increase in capacity, capability, and reliability will improve the existing services and enable a wide variety of new services, including voice, video, interoperability, data sharing, Next Generation 911, radio back-haul, and more. Fiber optics offers the promise of virtually unlimited capacity to support new innovations in public safety long into the future.

State Identification Section Update

The Massachusetts State Police (MSP) Identification Section continues to move forward with Automated Fingerprint Identification System (AFIS) Modernization Plans. The project team expects to finalize the design requirements with the vendor, MorphoTrak, in the next few weeks. In addition, the data conversion process has begun. This phase required the shipment of over 300,000 older fingerprint cards to the vendor. These older records were previously loaded into the original AFIS in 1986 with a now obsolete technology. The new conversion process will make these records NIST compliant, thus improving the overall quality of the AFIS database.

In 2011, the ID Section received and searched over 120,000 criminal history arrest records from over 300 agencies, including State and local police departments, jails, and houses of correction. Approximately 200 agencies submitted more than 50 arrest print records. The top five record contributors were:

Boston Police Department	15,763
Essex County House of Correction	6,468
Worcester Police Department	6,465
Bristol County House of Correction	5,627
Springfield Police Department	5,123

All arrest records received are maintained by the State AFIS and also submitted to the FBI. These records are used to: support the identification of offenders by the Courts; search latent prints from crime scenes locally and nationally; identify deceased individuals; identify wanted individuals; support officer

safety; and conduct civil background checks for various occupations or licensure state wide and nationally.

In addition to tenprints, over 900 latents were searched through the State AFIS by the State Police Crime Scene Services Section, Springfield P.D., Boston P.D., Worcester P.D., Brookline P.D., and the Barnstable County Sheriff's Office. Each site has the ability to search the State AFIS and the FBI database. When a latent is entered, if there is no match immediately, the record is registered and subsequent tenprint record submissions will be searched against the unsolved latent, possibly resulting in further hits. This capability resulted in an additional 68 latent hits for the submitting agencies for a total of 133 latent matches in 2011. Additional crimes have been solved by direct comparison to suspect prints maintained by AFIS and by submittals to the FBI IAFIS, including a cold case homicide. If prints are not submitted, cases go unsolved, criminals evade detection, and officer safety may be at risk. The ID section will maintain all arrest records submitted to it, including felonies and misdemeanors.

The ID Section and Crime Scene Services are always available for AFIS questions and concerns. The ID Section may be contacted directly at 508-358-3170.

DID YOU KNOW?

Firearms License Processing

The Firearms Records Bureau (FRB) has experienced a significant increase in calls from residents seeking the status of their license over the past few weeks. In response to these inquires, the Department of Criminal Justice Information Services (DCJIS) homepage (www.mass.gov/cjis) has been updated to reflect the current FRB processing status. Please remember that the licensing statute only allows 40 days to process a license.

Personal Identification Numbers (PINs) for Firearms Licensees

The Firearms Records Bureau (FRB) would like to remind licensing officers and staff responsible for processing firearms licenses that a Massachusetts Instant Record Check System (MIRCS)-generated Personal Identification Number (PIN) must be provided with each firearms license issued by your department.

The MIRCS automatically creates an individual PIN number for each firearms licensee in the Commonwealth. The PINs are part of the identity verification mechanism used by firearms dealers when entering gun sale transactions into the MIRCS, as well as by the Massachusetts Firearms Registration and Transfer System (E-FA-10). A licensee who does not have a PIN will be directed to contact his/her licensing authority to obtain it. PINs can be reprinted from within the MIRCS application.

Should you have any questions, or if you need assistance with reprinting PINs, please contact the FRB at 617.660.4782.

CJIS Services

The Criminal Justice Information System (CJIS) offers its users a wide variety of services to improve efficiency and to enhance officer and public safety. Access to most of these services can be obtained simply by submitting a request to the CJIS Support Services Unit (CSSU) at DCJIS. Some, however, can only be accessed after the user has been trained in the use of the application. Here are some of the services currently available to authorized CJIS users:

CJIS Web	An all-purpose application for accessing CJIS, RMV, and NCIC. CJIS Web is available in both mobile and desktop versions.
CJIS Warrant Publishing	An application which allows agencies to view and download all of their active warrants issued by the Trial Court.
CJIS Web RMV	A purpose-built application for accessing RMV data. This application can be used to do partial searches of the RMV database.
Inmate Web	An application which provides access to Department of Correction inmate data.
MassGangs	A centralized, statewide gang information management application.
SWISS	A centralized database of incident report information submitted by participating agencies.
MIRCS	An instant record check system used by police departments for all firearms licensing activities.
nexTEST	The on-line CJIS training, testing, and certification application.

For a complete list of, or for additional information on, available services please visit the CJIS Extranet site at <http://170.154.224.6/home/>.

Requests for access must be made by either an agency CJIS Representative or an agency Backup CJIS Representative and must be e-mailed to cjis.support@state.ma.us or faxed to 617.884.4601. If you have any questions, please contact the CSSU at 617.660.4710.

EVENTS & SAVE-THE-DATES

CORI Training

In August 2010, the Governor signed Chapter 256 of the Acts of 2010 (Criminal Offender Record Information (CORI) Reform Law) into law. The new statutory provisions, which take effect on May 4, 2012, require, in part, the Department of Criminal Justice Information Services (DCJIS) to make criminal offender record information (CORI) available over the internet. These provisions also increase standard CORI access to all employers, all professional licensing authorities, and all landlords.

These new provisions will require DCJIS to substantially revamp its training curriculum. Accordingly, DCJIS will temporarily suspend its current training classes. Once the new curriculum is finalized in March 2012, the DCJIS will announce its new training dates on its agency web site. Until then, the current training presentation is available at www.mass.gov/cjis.

Should you have any questions, please contact the DCJIS Legal Division at 617.660.4760.

WHO TO CONTACT AT DCJIS

Massachusetts DCJIS Contacts

DCJIS Unit	Telephone Number
DCJIS Main Number	617-660-4600
DCJIS Main FAX Number	617-660-4613
TTY Number	617-660-4606
CORI Services Unit	617-660-4640
CORI Audit, Training and Compliance Unit	617-660-4673
CJIS Support Services Unit	617-660-4710
Firearms Records Bureau	617-660-4782
Legal Unit	617-660-4760
Victim Services Unit	617-660-4690

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The DCJIS Newsletter will be transmitted electronically and posted to mass.gov/cjis and the CJIS Extranet.